

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024432.D
 Acq On : 25 Apr 2025 21:15
 Operator : RC/JU
 Sample : Q1877-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-6-042425

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024432.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	302	306	317	rVB	45895	67902	2.45%	0.150%
2	5.340	377	383	392	rBV	502028	736964	26.60%	1.631%
3	6.905	639	649	667	rBV	449378	812481	29.33%	1.798%
4	7.346	719	724	727	rBV	51347	74188	2.68%	0.164%
5	7.716	778	787	797	rBV	683692	1117607	40.34%	2.473%
6	8.352	890	895	902	rBV3	45941	99782	3.60%	0.221%
7	8.810	962	973	977	rBV2	58776	124979	4.51%	0.277%
8	8.863	977	982	989	rVV	275773	513333	18.53%	1.136%
9	8.934	989	994	998	rVB	160437	231763	8.37%	0.513%
10	9.057	1004	1015	1021	rBV7	47181	130475	4.71%	0.289%
11	9.393	1067	1072	1074	rVV	42375	67169	2.42%	0.149%
12	9.422	1074	1077	1082	rVB	48492	67612	2.44%	0.150%
13	9.581	1095	1104	1108	rBV2	31420	67334	2.43%	0.149%
14	9.681	1116	1121	1128	rBV4	45553	113914	4.11%	0.252%
15	9.752	1128	1133	1135	rBV4	39205	64497	2.33%	0.143%
16	9.840	1143	1148	1152	rBV3	63905	108157	3.90%	0.239%
17	9.893	1152	1157	1159	rBV2	68657	98200	3.54%	0.217%
18	9.957	1165	1168	1174	rVB2	47619	65549	2.37%	0.145%
19	10.016	1174	1178	1183	rBV	45574	75945	2.74%	0.168%
20	10.122	1192	1196	1202	rVB2	69899	115820	4.18%	0.256%
21	10.193	1203	1208	1216	rBV	39469	77717	2.81%	0.172%
22	10.275	1216	1222	1227	rBV5	34545	65700	2.37%	0.145%
23	10.487	1247	1258	1264	rBV2	940965	2177065	78.59%	4.818%
24	10.604	1274	1278	1282	rBV3	42351	74027	2.67%	0.164%
25	10.646	1282	1285	1291	rVB	129394	182708	6.60%	0.404%
26	10.710	1291	1296	1303	rBV4	57377	111456	4.02%	0.247%
27	10.951	1332	1337	1346	rVB4	75385	184481	6.66%	0.408%
28	11.146	1366	1370	1372	rBV2	63052	88012	3.18%	0.195%
29	11.187	1374	1377	1384	rVV4	87349	188564	6.81%	0.417%
30	11.246	1384	1387	1394	rVB4	51565	101215	3.65%	0.224%
31	11.322	1395	1400	1407	rVB5	98047	182422	6.59%	0.404%
32	11.404	1407	1414	1420	rBV2	152708	293161	10.58%	0.649%
33	11.510	1427	1432	1437	rBV	188017	336362	12.14%	0.744%
34	11.593	1442	1446	1452	rVB2	60355	108612	3.92%	0.240%
35	11.675	1454	1460	1468	rBV2	216527	374718	13.53%	0.829%
36	11.904	1495	1499	1506	rVV	554127	811450	29.29%	1.796%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.040	1516	1522	1527	rVV3	138147	287838	10.39%	0.637%
38	12.134	1531	1538	1544	rVB6	84547	238445	8.61%	0.528%
39	12.363	1572	1577	1579	rBV4	56585	93217	3.37%	0.206%
40	12.404	1579	1584	1588	rVV	253184	400732	14.47%	0.887%
41	12.451	1589	1592	1594	rVV3	64699	82913	2.99%	0.184%
42	12.481	1594	1597	1601	rVB	50412	63480	2.29%	0.140%
43	12.545	1601	1608	1612	rBV4	106541	190247	6.87%	0.421%
44	12.593	1612	1616	1623	rVV4	78356	183921	6.64%	0.407%
45	12.657	1623	1627	1634	rVV5	106738	227196	8.20%	0.503%
46	12.722	1634	1638	1644	rVB2	123192	207741	7.50%	0.460%
47	12.816	1649	1654	1659	rBV3	138711	247148	8.92%	0.547%
48	12.875	1659	1664	1668	rVV2	268567	425863	15.37%	0.943%
49	12.951	1672	1677	1688	rVV	869901	1318359	47.59%	2.918%
50	13.034	1688	1691	1697	rVB6	56437	85698	3.09%	0.190%
51	13.163	1707	1713	1720	rVB	811123	1189615	42.94%	2.633%
52	13.275	1725	1732	1737	rVV2	159113	346523	12.51%	0.767%
53	13.322	1737	1740	1745	rVB4	111504	147778	5.33%	0.327%
54	13.498	1765	1770	1776	rBV6	65386	135948	4.91%	0.301%
55	13.610	1785	1789	1794	rBV6	88239	190472	6.88%	0.422%
56	13.698	1800	1804	1809	rVV6	83993	134015	4.84%	0.297%
57	13.828	1817	1826	1829	rBV3	297524	607134	21.92%	1.344%
58	13.863	1829	1832	1836	rVV3	207821	302888	10.93%	0.670%
59	13.916	1838	1841	1843	rVV3	92466	128457	4.64%	0.284%
60	13.940	1843	1845	1849	rVB	125272	145969	5.27%	0.323%
61	13.987	1851	1853	1858	rVB6	43137	66281	2.39%	0.147%
62	14.245	1891	1897	1902	rBV	1019457	1417738	51.18%	3.138%
63	14.340	1905	1913	1922	rVB	1382615	2310730	83.42%	5.114%
64	14.710	1969	1976	1980	rBV7	94562	234912	8.48%	0.520%
65	14.751	1980	1983	1989	rVB4	126406	173321	6.26%	0.384%
66	14.816	1990	1994	1998	rBV2	68548	114490	4.13%	0.253%
67	14.875	2000	2004	2011	rVB4	243111	392270	14.16%	0.868%
68	14.939	2012	2015	2017	rBV	72836	85445	3.08%	0.189%
69	15.210	2056	2061	2066	rVB	1094598	1395327	50.37%	3.088%
70	15.310	2075	2078	2088	rVB5	84151	187533	6.77%	0.415%
71	15.622	2124	2131	2136	rVV	375530	677835	24.47%	1.500%
72	15.716	2144	2147	2153	rVB	214453	305083	11.01%	0.675%
73	15.775	2153	2157	2162	rBV2	140545	222549	8.03%	0.493%
74	15.851	2164	2170	2179	rVB3	738732	1171923	42.31%	2.594%
75	15.928	2179	2183	2187	rBV5	50199	89404	3.23%	0.198%
76	16.086	2205	2210	2213	rBV	1204927	1602436	57.85%	3.546%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.434	2266	2269	2273	rBV	91442	135710	4.90%	0.300%
78	16.604	2296	2298	2302	rVB	66237	72138	2.60%	0.160%
79	16.675	2308	2310	2313	rBV	74793	84753	3.06%	0.188%
80	16.898	2343	2348	2353	rBV	1053978	1313172	47.40%	2.906%
81	16.951	2353	2357	2367	rVB	362257	682735	24.65%	1.511%
82	17.133	2383	2388	2398	rBV2	1668199	2417127	87.26%	5.350%
83	17.386	2428	2431	2437	rVB	83630	108375	3.91%	0.240%
84	17.451	2439	2442	2449	rVB3	97585	150996	5.45%	0.334%
85	17.510	2449	2452	2456	rBV3	50600	72232	2.61%	0.160%
86	17.575	2460	2463	2470	rVB4	96180	166853	6.02%	0.369%
87	17.663	2474	2478	2484	rVV	939339	1102889	39.81%	2.441%
88	17.951	2524	2527	2531	rBV2	60771	80864	2.92%	0.179%
89	18.069	2543	2547	2552	rBV3	157587	219117	7.91%	0.485%
90	18.375	2594	2599	2604	rBV	797425	950863	34.33%	2.104%
91	18.857	2677	2681	2685	rBV2	101224	136786	4.94%	0.303%
92	19.027	2706	2710	2717	rVB	541968	771018	27.83%	1.706%
93	19.257	2747	2749	2755	rBV3	53885	80080	2.89%	0.177%
94	19.639	2810	2814	2818	rVB	500149	555248	20.04%	1.229%
95	19.857	2845	2851	2855	rBV	1464595	1913556	69.08%	4.235%
96	20.192	2905	2908	2912	rVB	297754	338437	12.22%	0.749%
97	20.716	2993	2997	3002	rVB	187453	226217	8.17%	0.501%
98	21.239	3083	3086	3094	rVB	156425	212604	7.67%	0.471%
99	21.569	3137	3142	3153	rVB	1840710	2681896	96.81%	5.935%
100	24.904	3703	3709	3720	rVB2	1135282	2770157	100.00%	6.131%

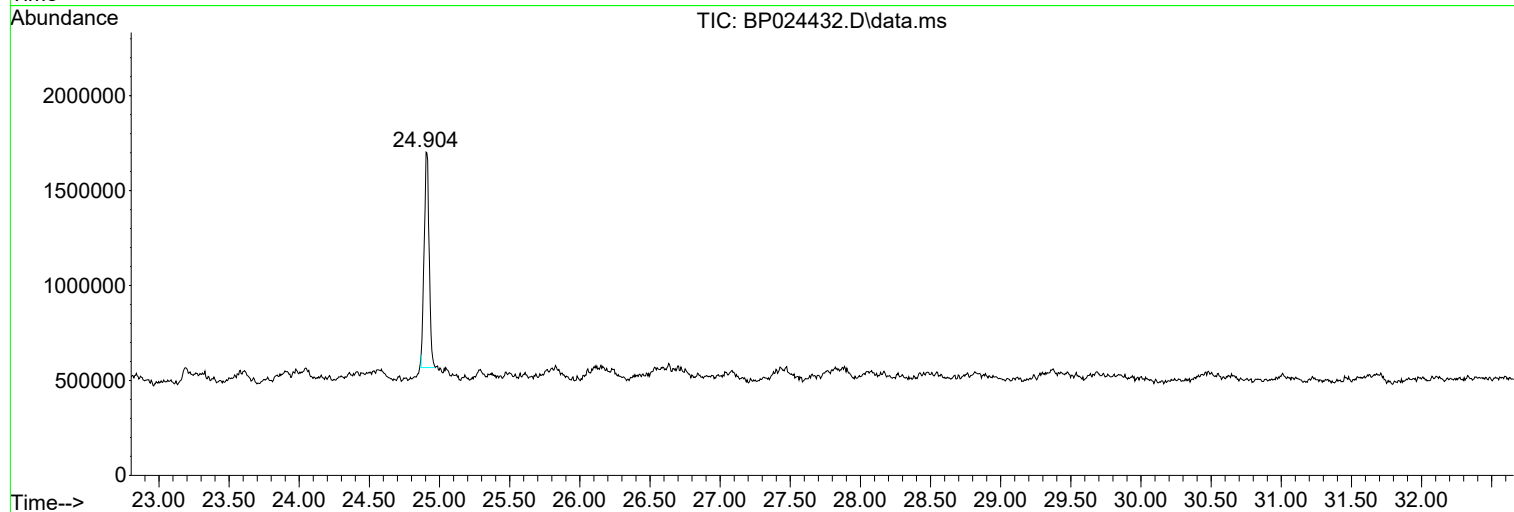
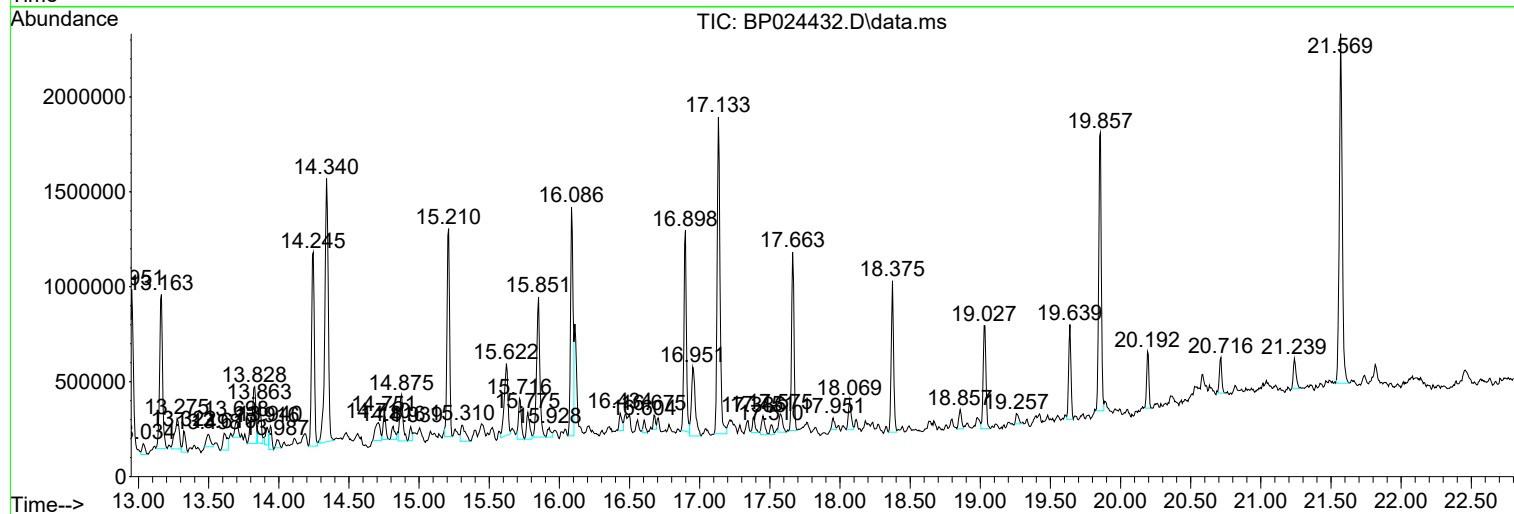
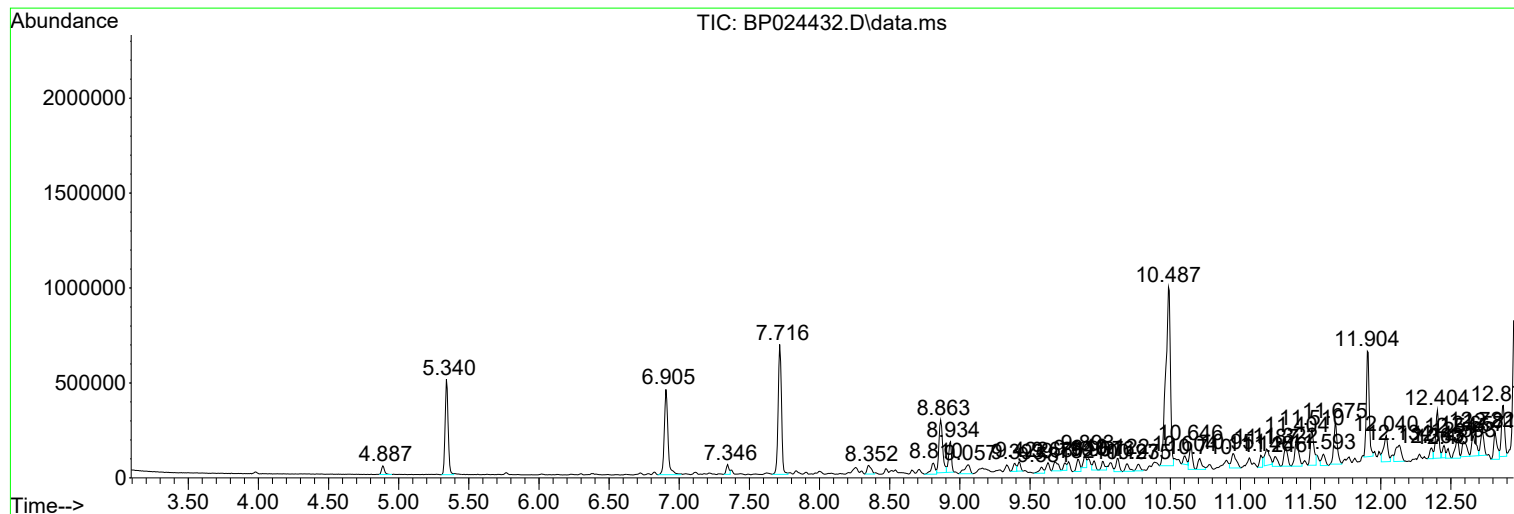
Sum of corrected areas: 45184038

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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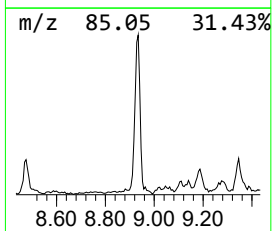
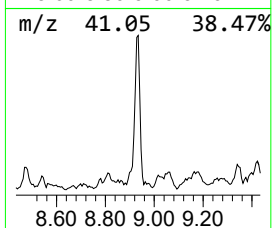
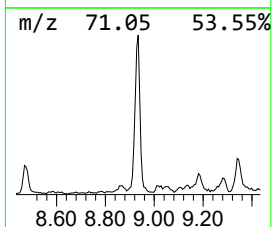
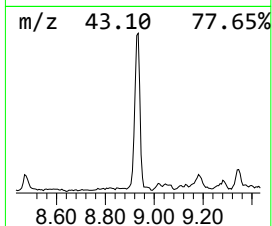
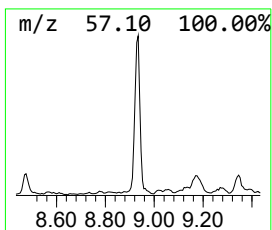
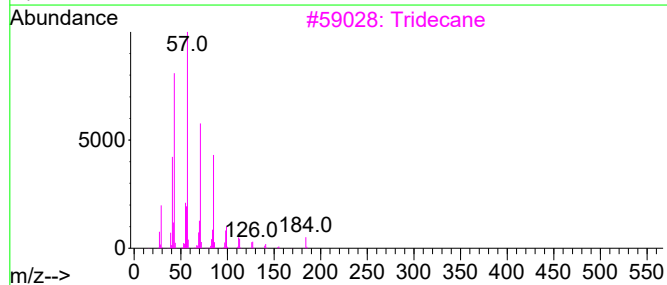
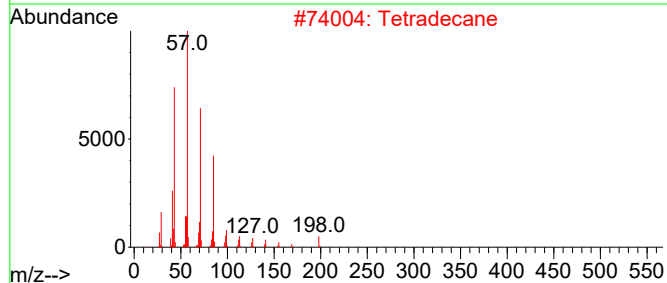
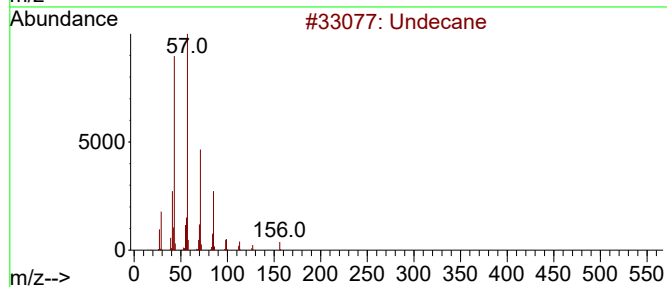
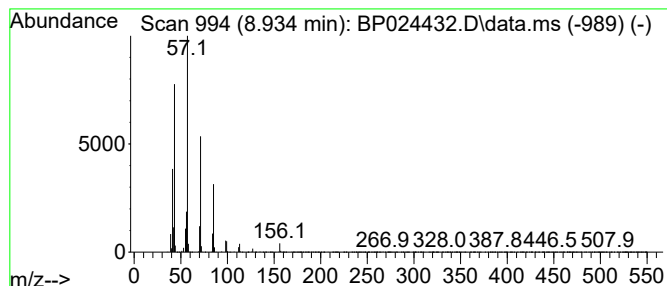
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Undecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.934	4.15 ng	231763	1,4-Dichlorobenzene-d4	7.716

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	95
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	78



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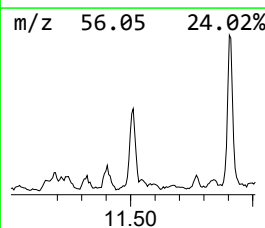
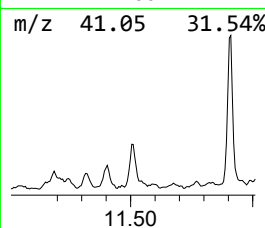
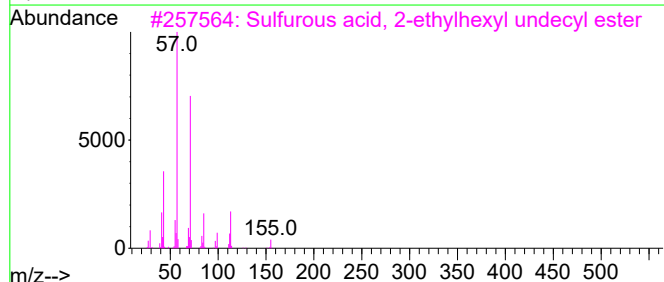
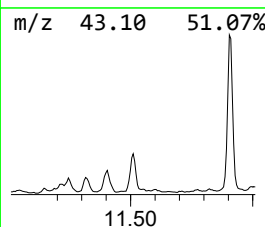
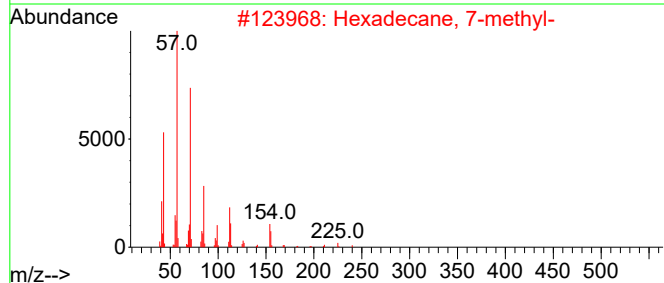
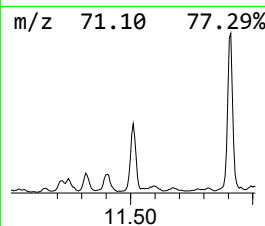
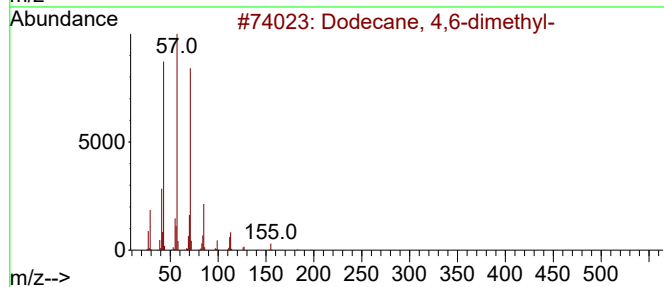
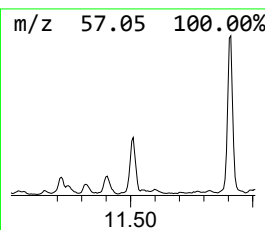
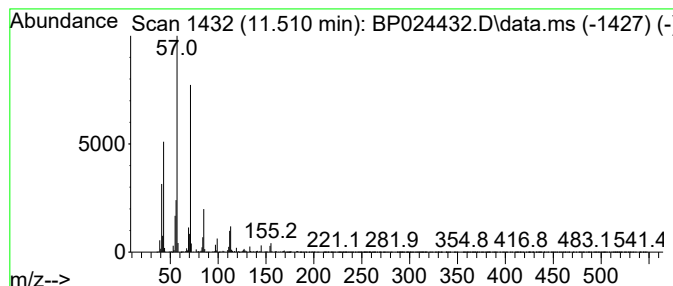
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecane, 4,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.510	3.09 ng	336362	Naphthalene-d8	10.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	86
3			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78



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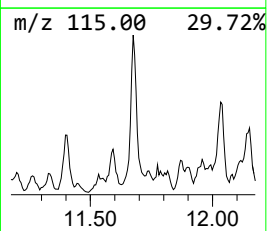
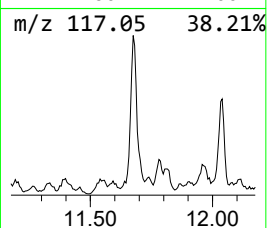
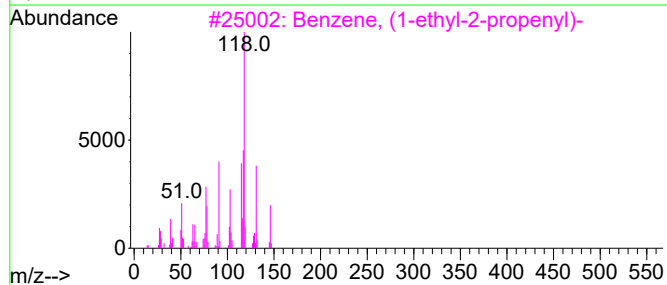
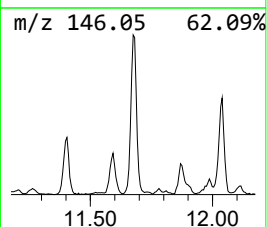
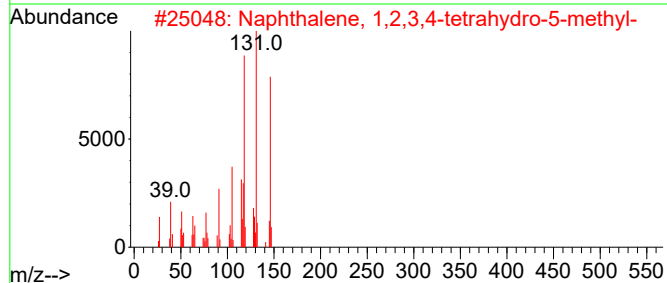
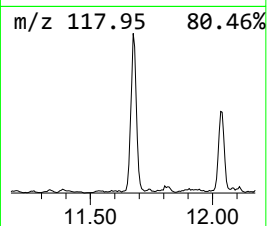
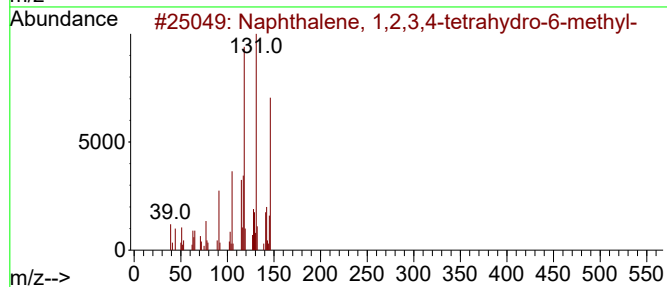
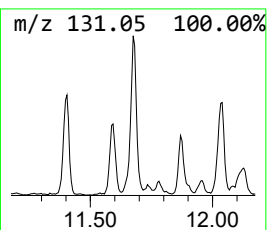
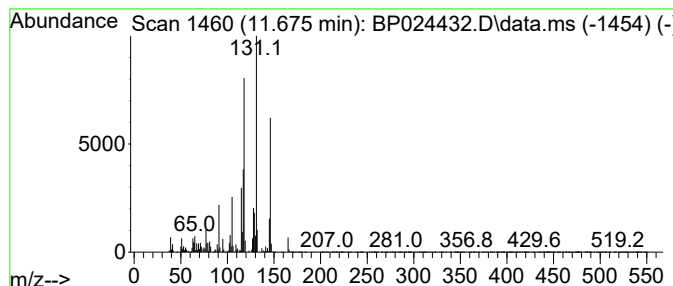
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.675	3.44 ng	374718	Naphthalene-d8	10.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	72
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-6-042425

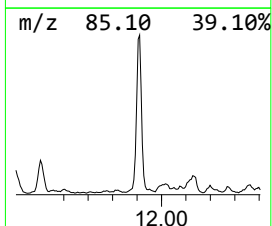
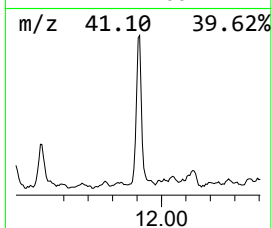
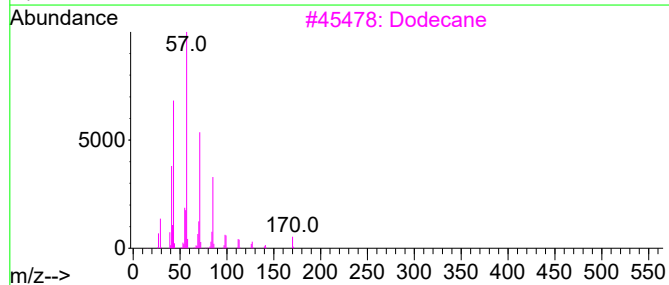
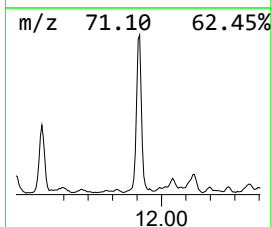
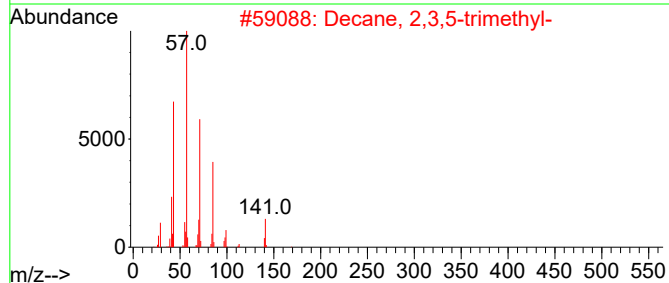
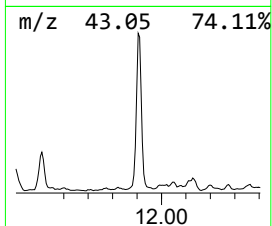
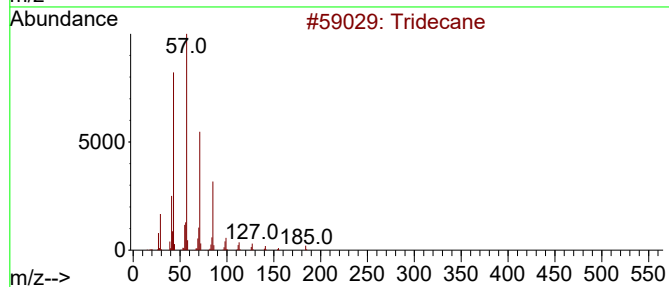
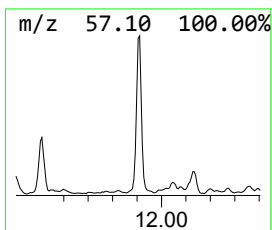
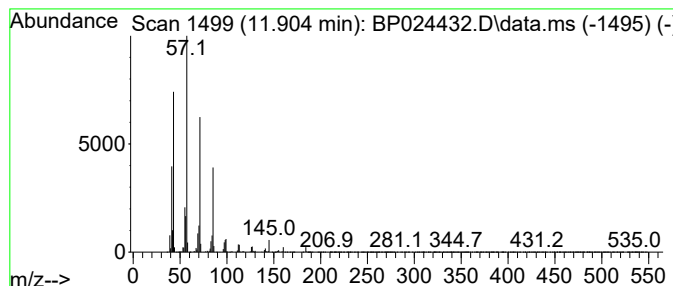
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	7.45 ng	811450	Naphthalene-d8	10.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	97
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3			Dodecane	170	C12H26	000112-40-3	86
4			Pentadecane	212	C15H32	000629-62-9	80
5			Heptadecane	240	C17H36	000629-78-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
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Instrument :
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ClientSampleId :
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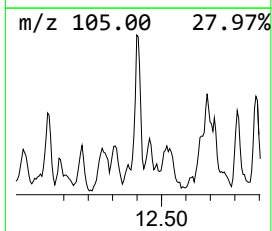
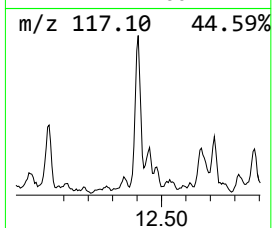
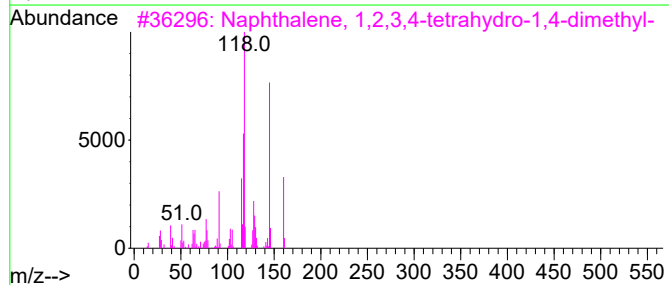
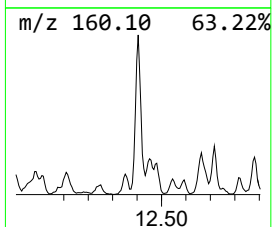
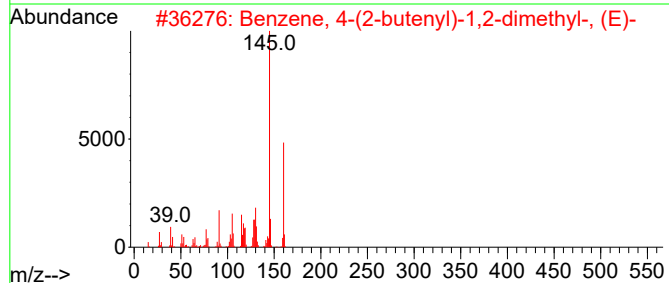
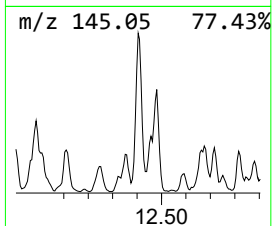
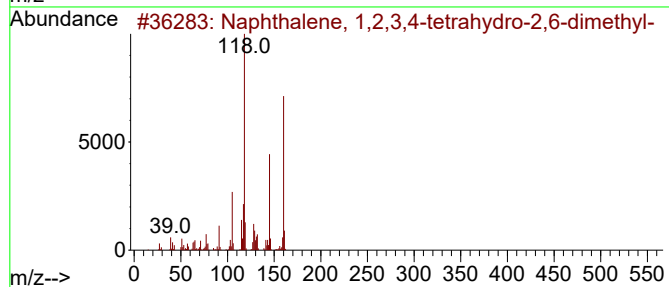
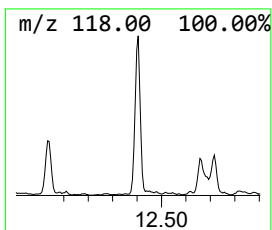
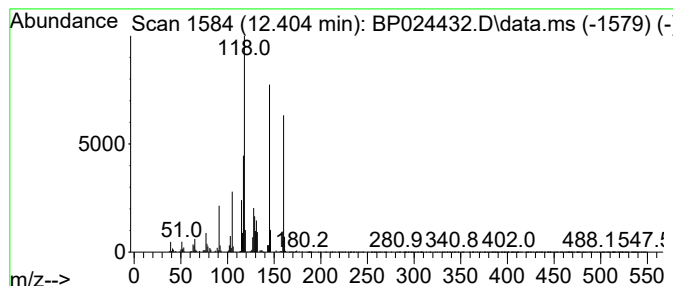
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	3.68 ng	400732	Naphthalene-d8	10.493

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
2			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	83
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	80
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	55
5			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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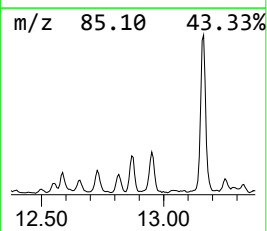
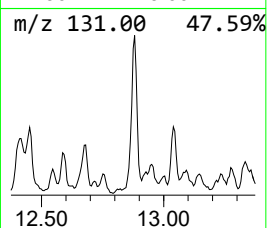
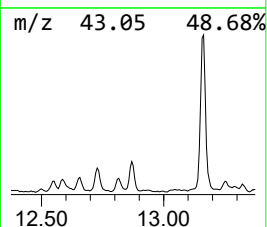
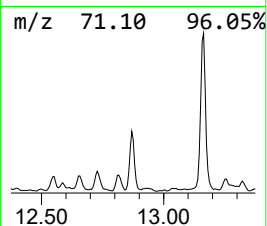
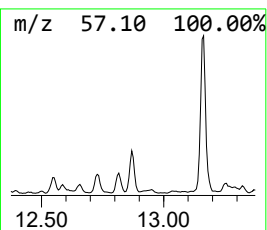
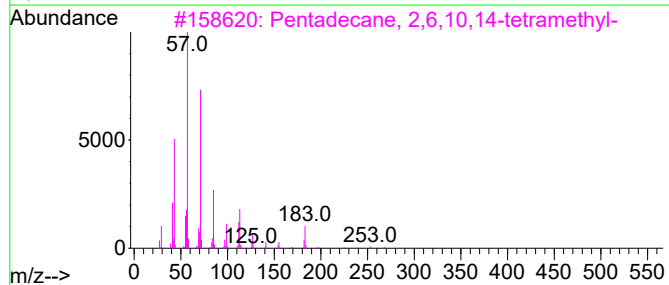
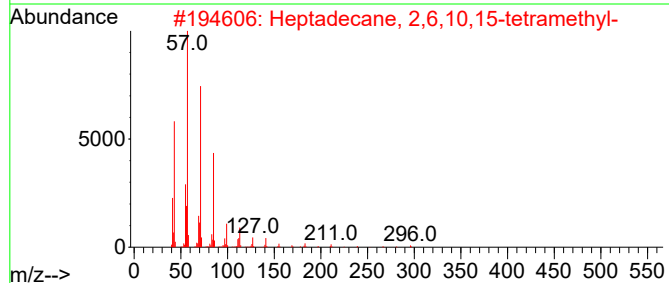
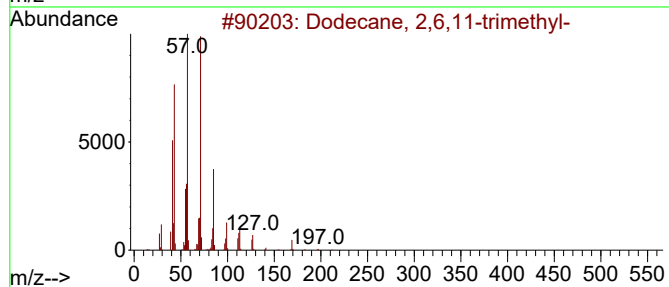
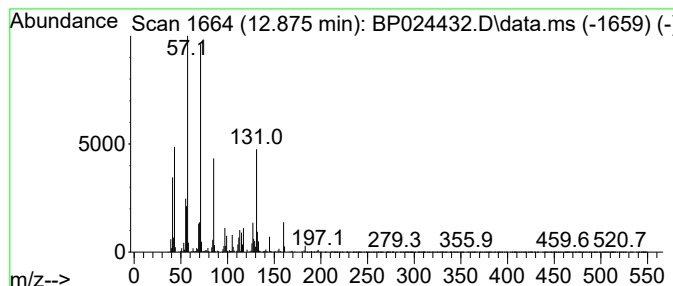
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.875	3.69 ng	425863	Acenaphthene-d10	14.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	52
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50
4			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	50
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
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ClientSampleId :
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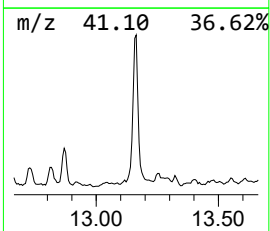
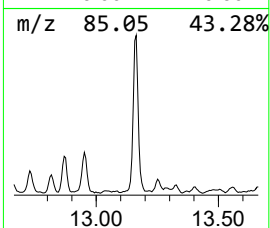
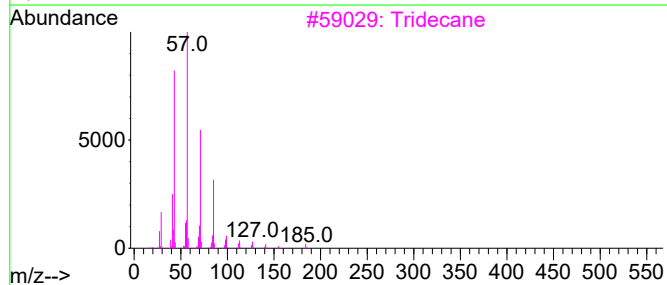
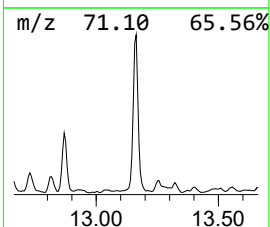
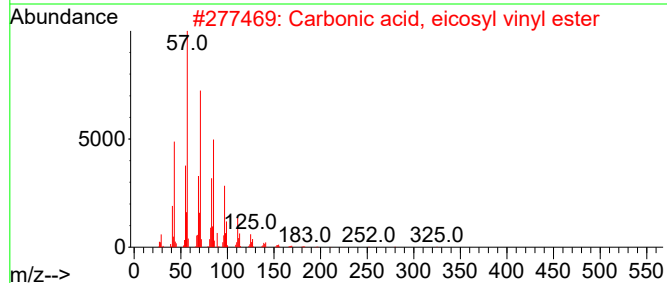
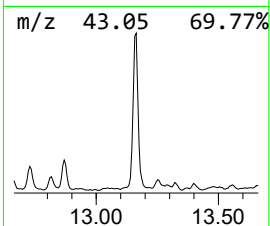
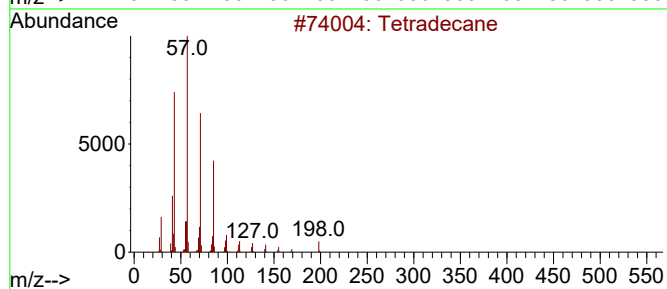
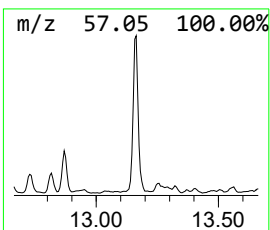
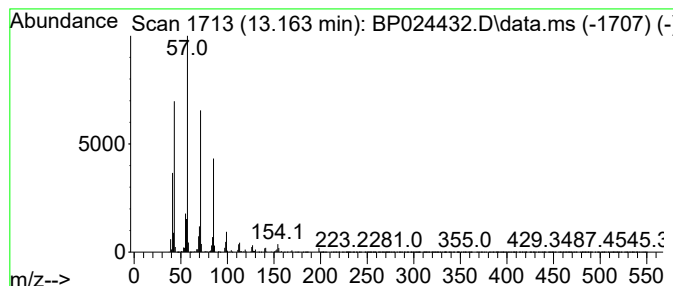
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	10.30 ng	1189620	Acenaphthene-d10	14.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3			Tridecane	184	C13H28	000629-50-5	90
4			10-Methylnonadecane	282	C20H42	056862-62-5	90
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-6-042425

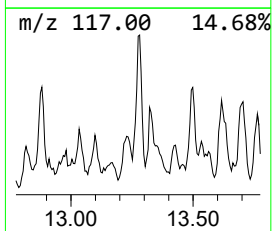
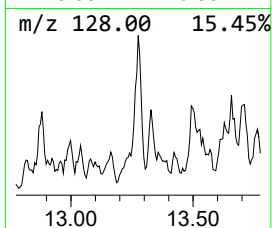
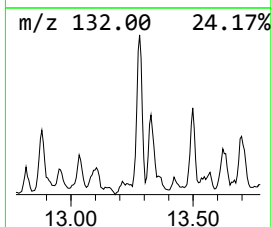
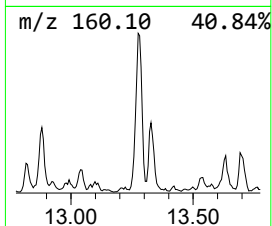
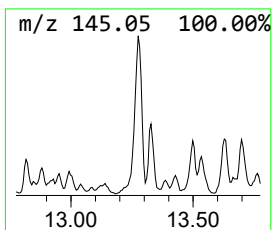
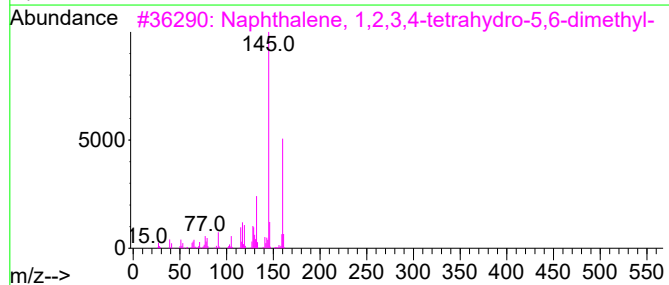
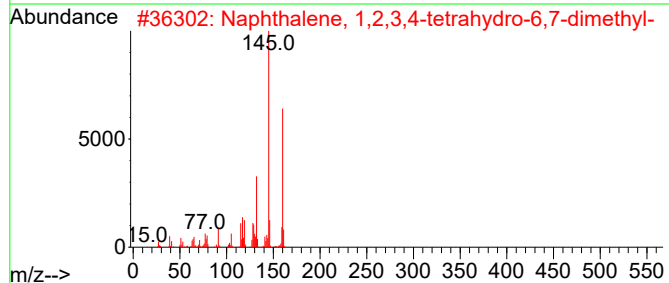
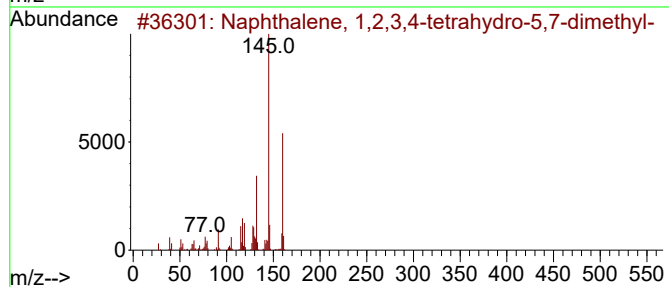
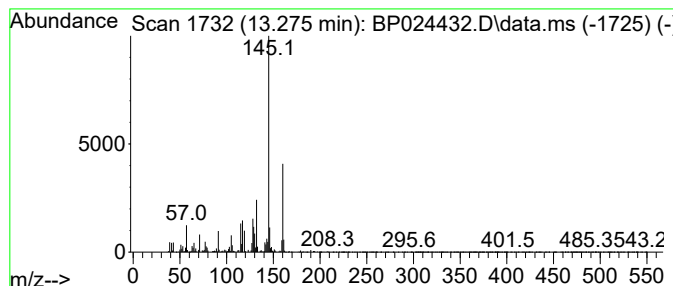
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	3.00 ng	346523	Acenaphthene-d10	14.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
4			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93
5			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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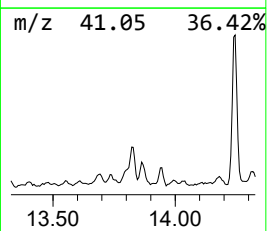
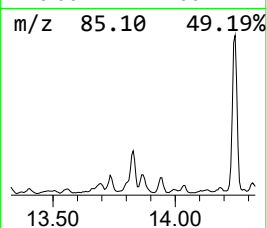
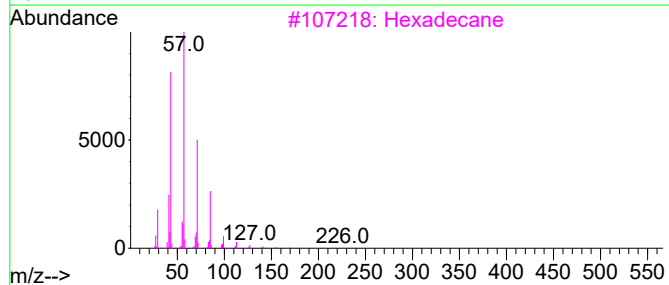
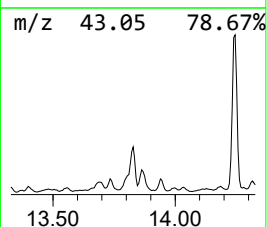
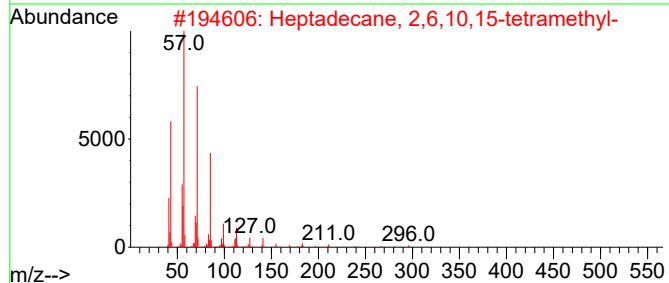
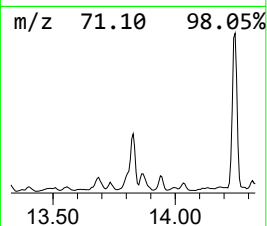
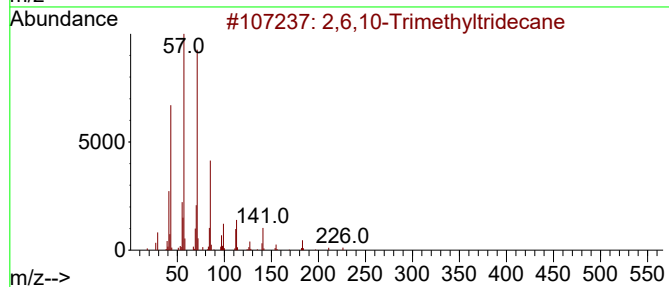
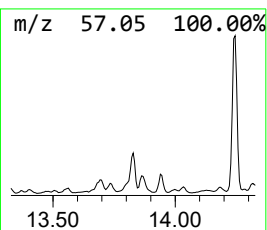
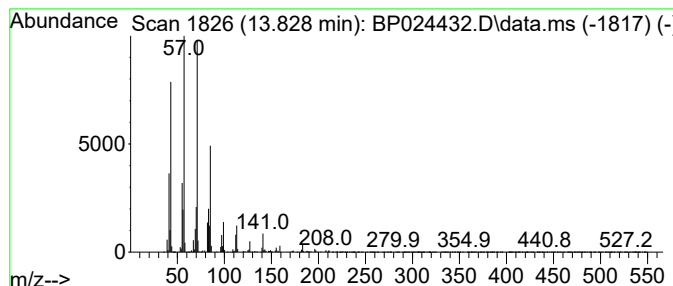
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 2,6,10-Trimethyltridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.828	5.25 ng	607134	Acenaphthene-d10	14.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	83
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
3			Hexadecane	226	C16H34	000544-76-3	68
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	62
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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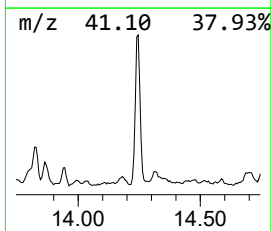
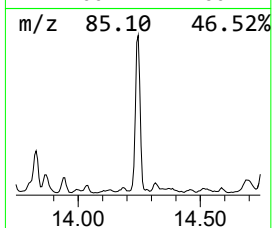
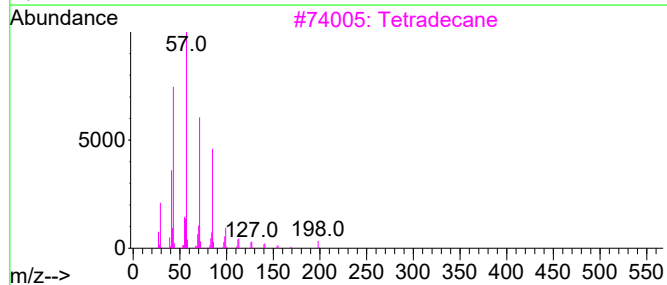
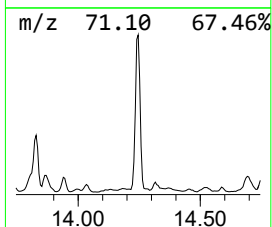
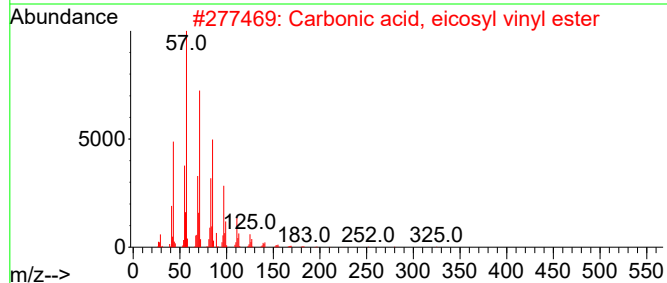
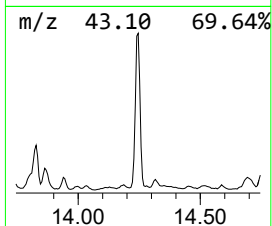
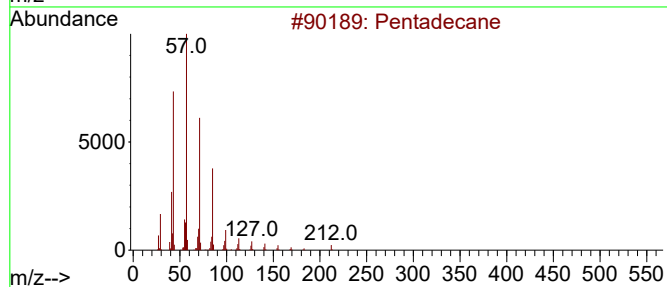
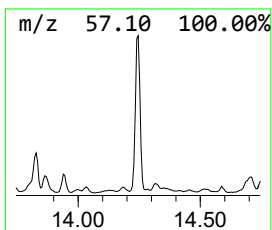
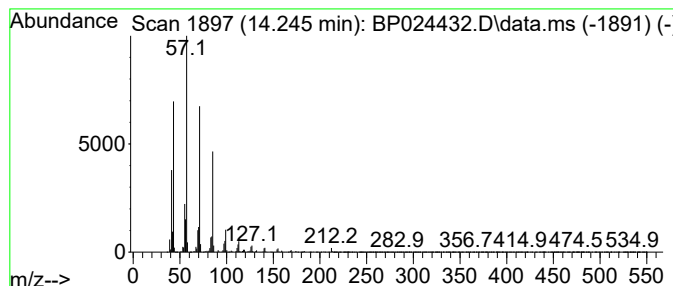
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	12.27 ng	1417740	Acenaphthene-d10	14.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	92
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-6-042425

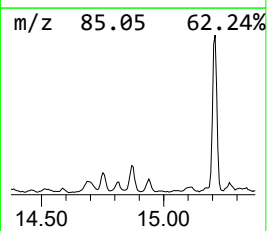
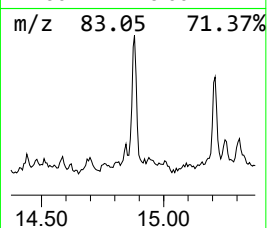
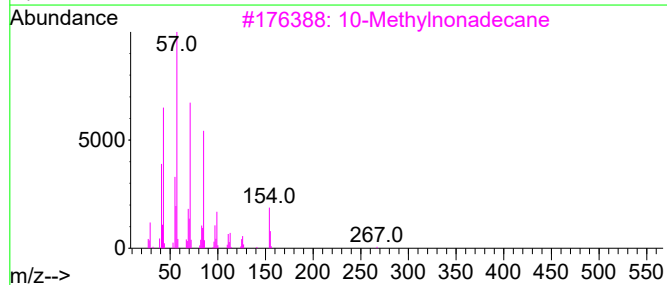
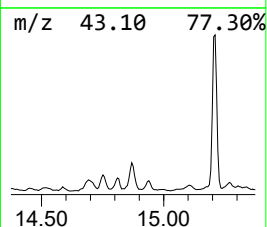
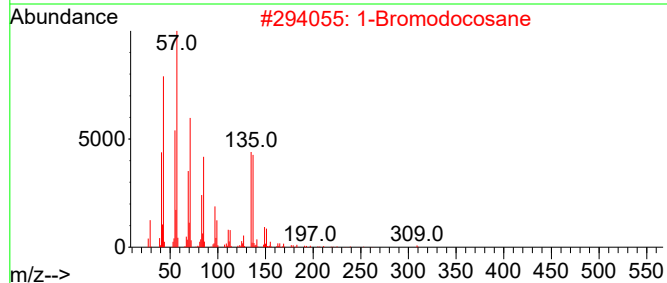
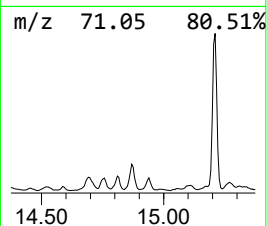
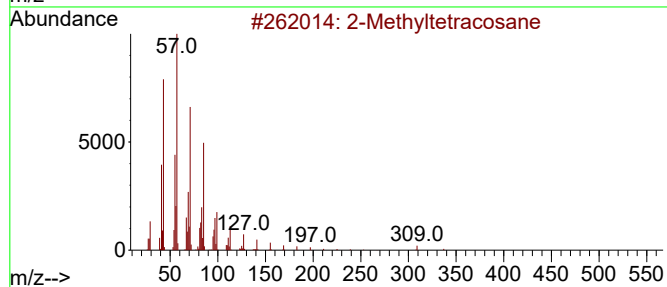
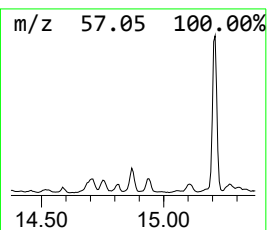
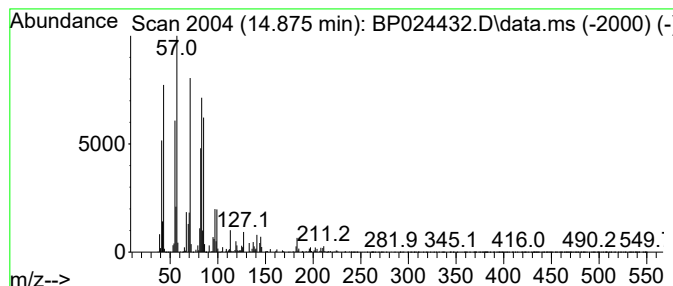
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2-Methyltetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.875	3.40 ng	392270	Acenaphthene-d10	14.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyltetracosane	352	C25H52	001560-78-7	72
2			1-Bromodocosane	388	C22H45Br	006938-66-5	64
3			10-Methylnonadecane	282	C20H42	056862-62-5	58
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	58
5			Hexacosane	366	C26H54	000630-01-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-6-042425

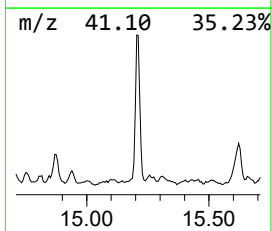
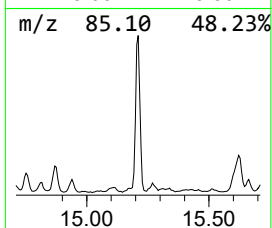
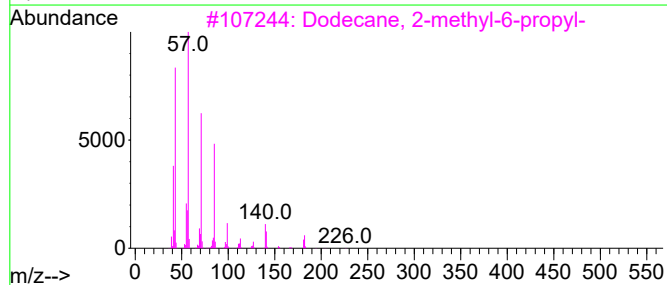
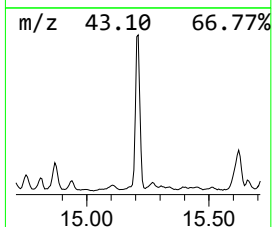
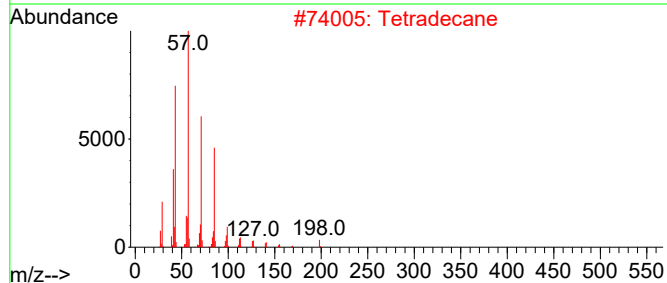
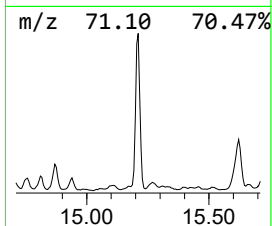
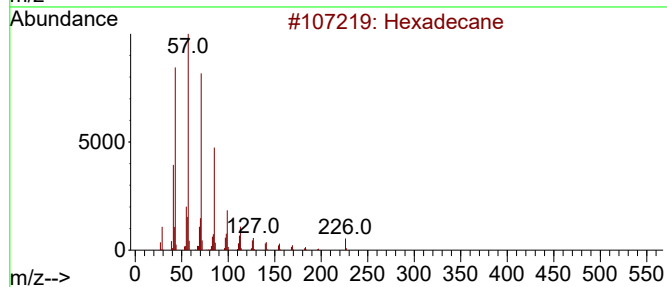
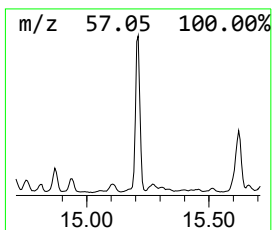
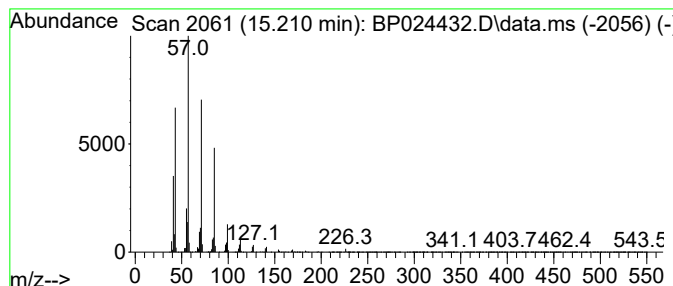
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	12.08 ng	1395330	Acenaphthene-d10	14.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Tetradecane	198	C14H30	000629-59-4	87
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
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Operator : RC/JU
Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

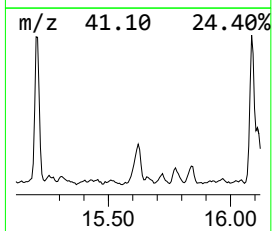
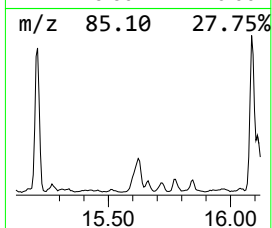
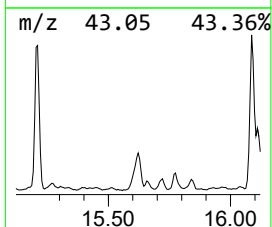
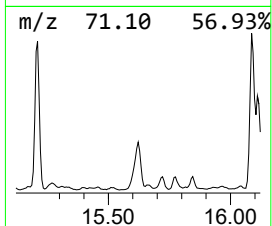
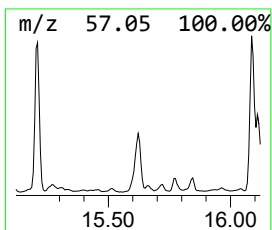
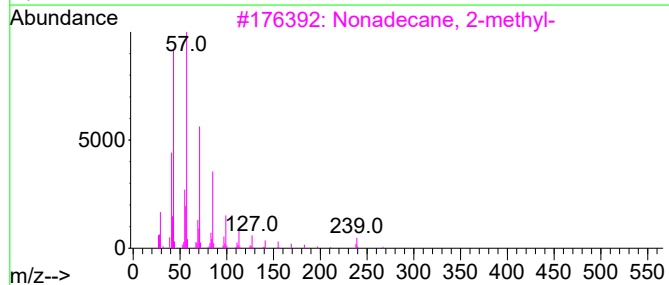
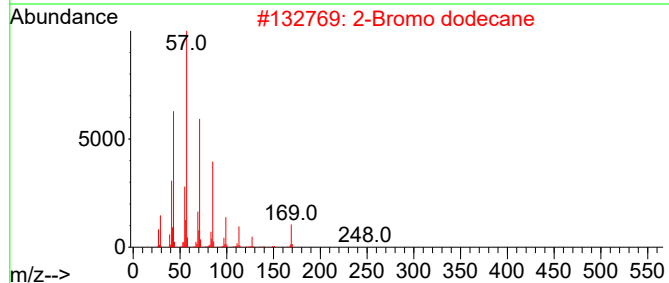
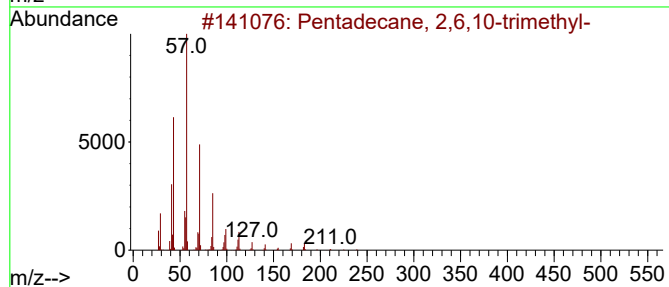
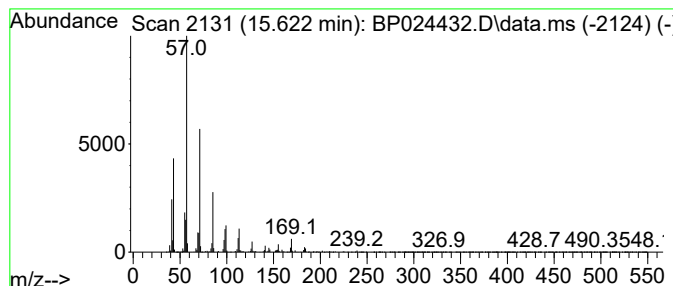
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.622	5.87 ng	677835	Acenaphthene-d10		14.339	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	90
2	2-Bromo dodecane		248	C12H25Br	013187-99-0	83
3	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	80
4	Hexadecane		226	C16H34	000544-76-3	70
5	Dodecane, 2,5-dimethyl-		198	C14H30	056292-65-0	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
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Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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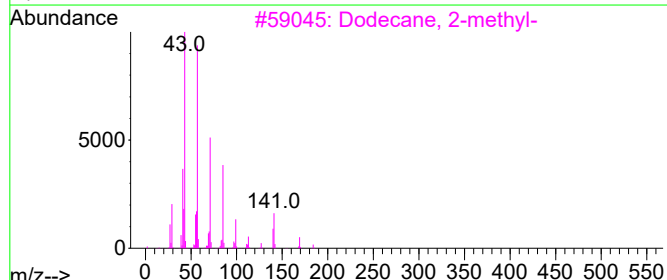
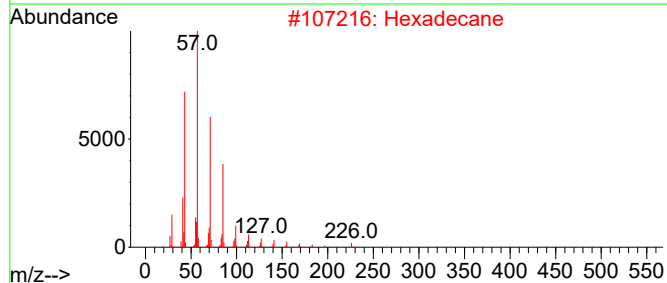
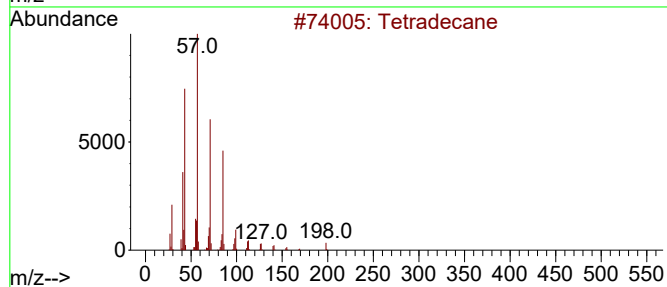
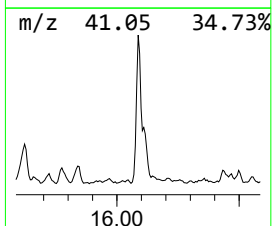
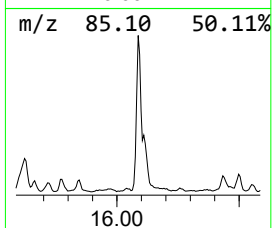
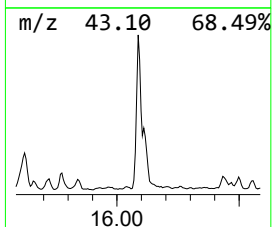
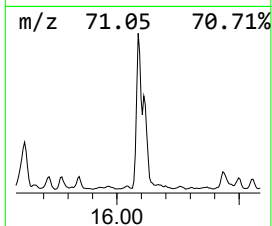
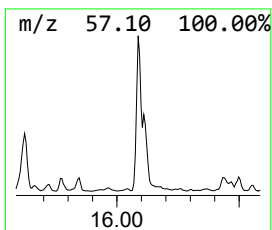
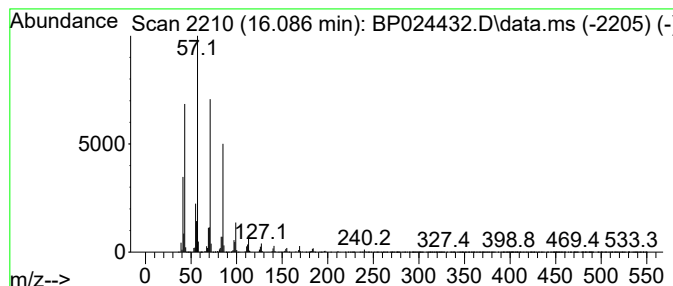
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Dodecane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.087	13.26 ng	1602440	Phenanthrene-d10	17.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
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Acq On : 25 Apr 2025 21:15
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Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

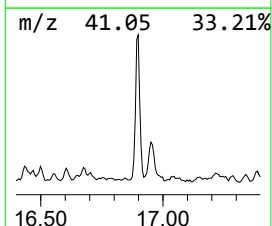
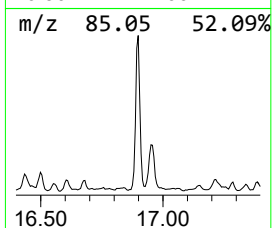
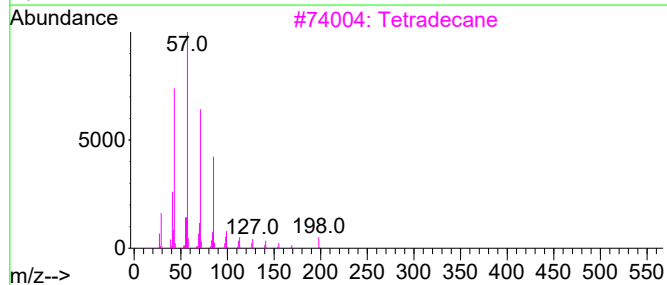
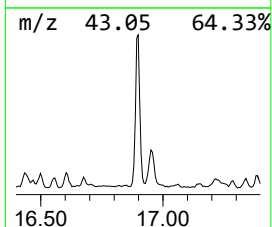
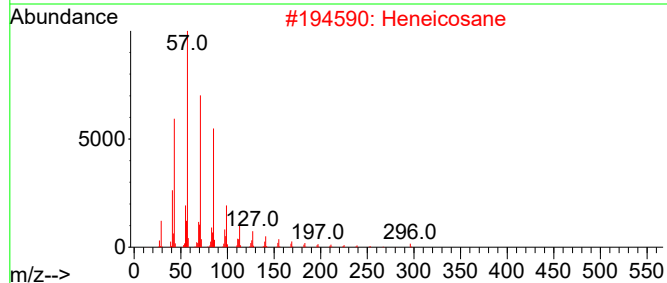
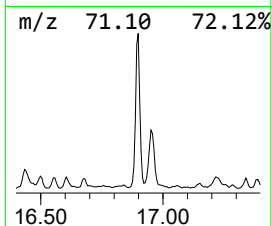
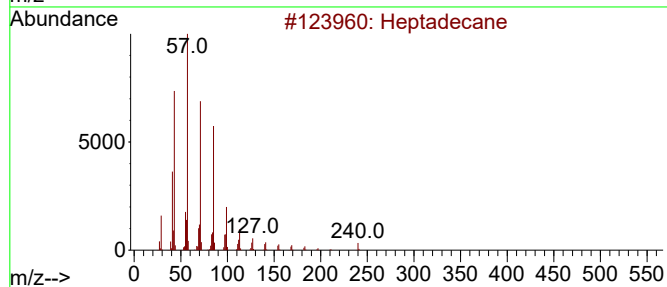
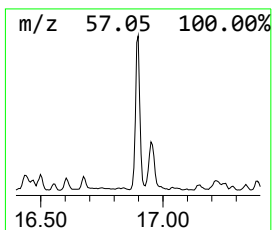
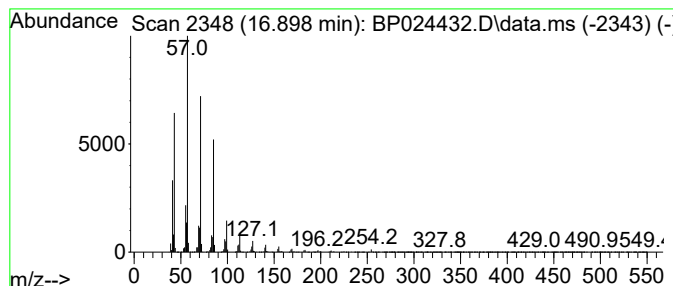
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.898	10.87 ng	1313170	Phenanthrene-d10		17.134	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Tetradecane		198	C14H30	000629-59-4	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Octadecane		254	C18H38	000593-45-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
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Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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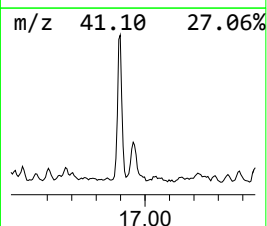
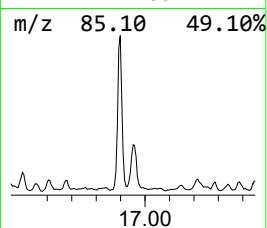
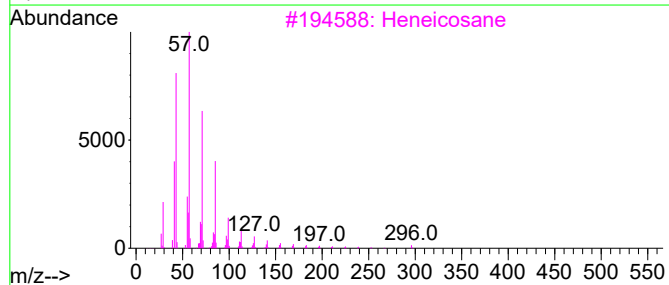
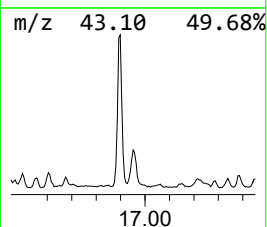
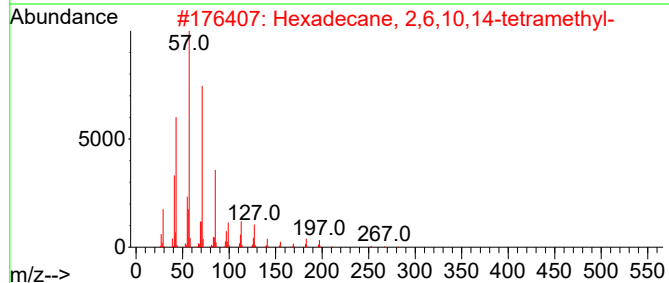
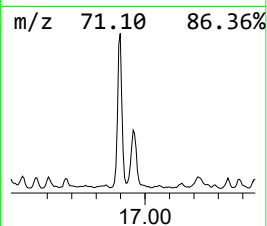
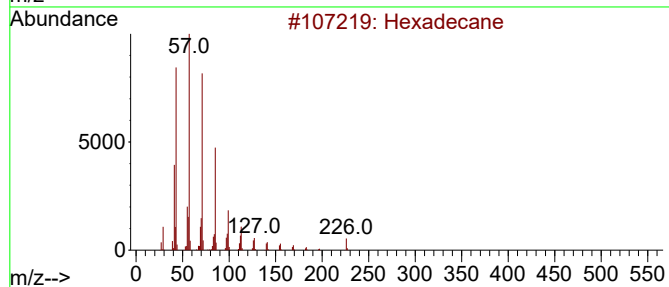
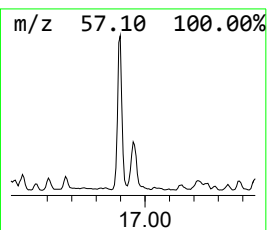
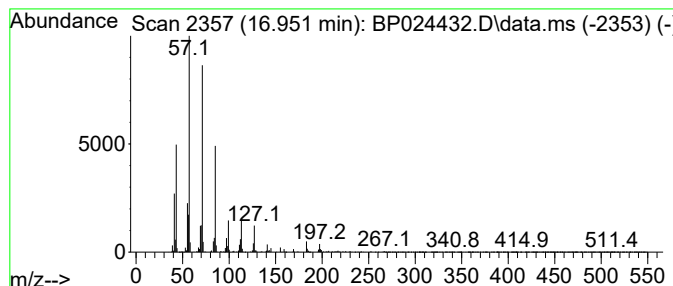
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.951	5.65 ng	682735	Phenanthrene-d10	17.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3			Heneicosane	296	C21H44	000629-94-7	86
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	83
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-6-042425

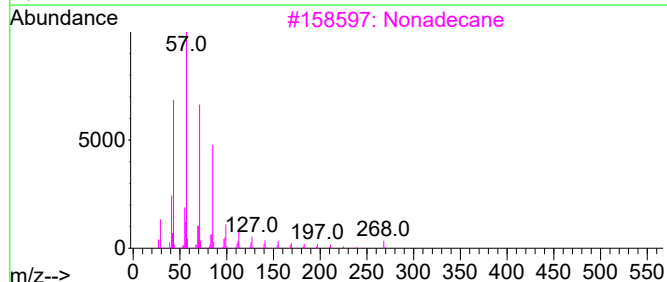
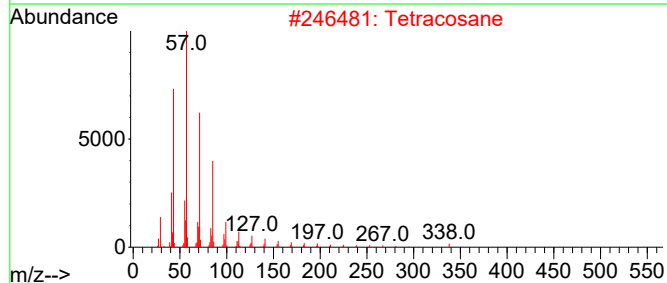
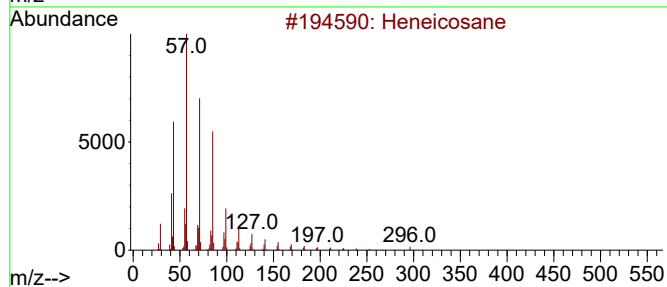
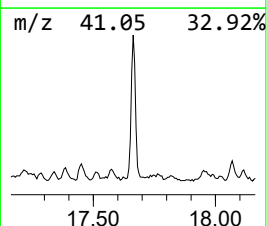
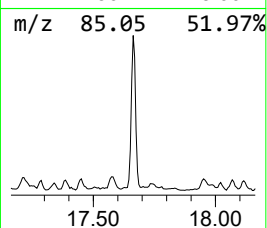
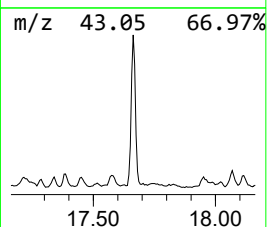
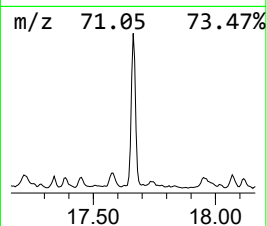
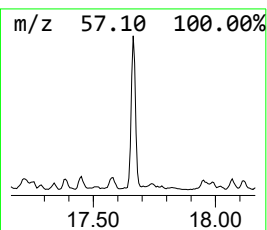
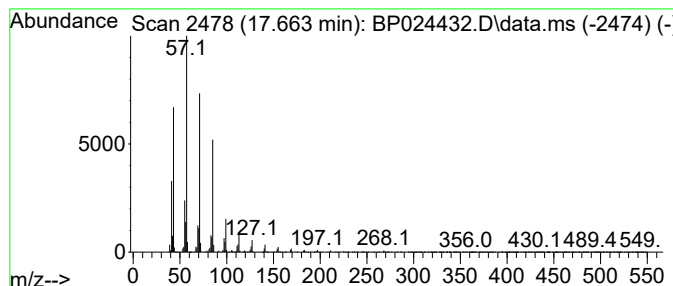
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.663	9.13 ng	1102890	Phenanthrene-d10	17.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Octadecane	254	C18H38	000593-45-3	91
5			Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-6-042425

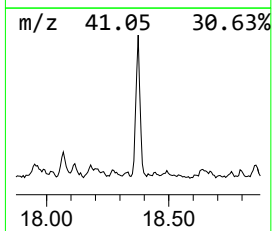
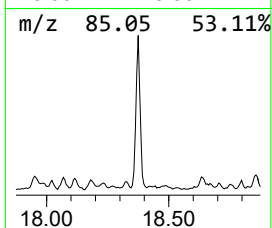
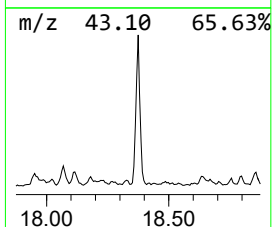
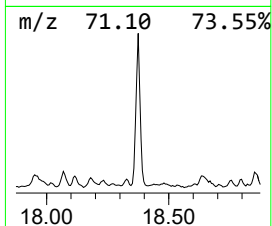
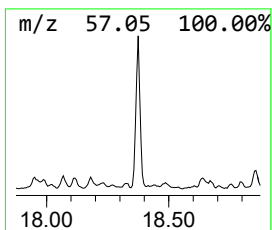
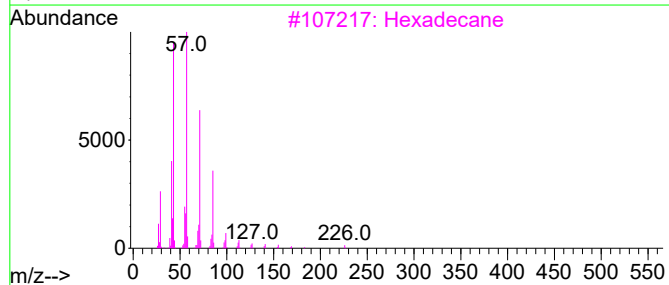
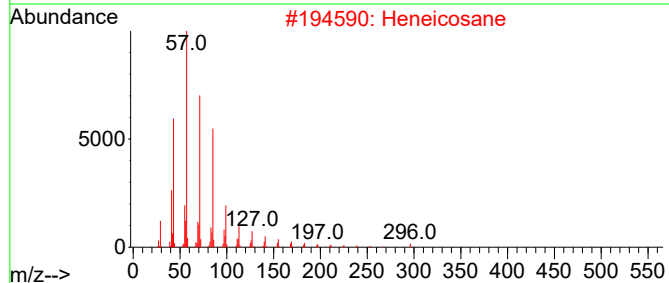
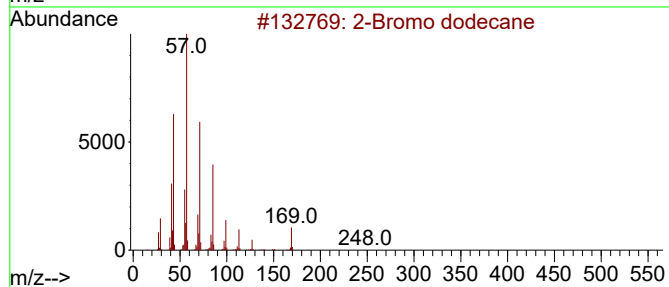
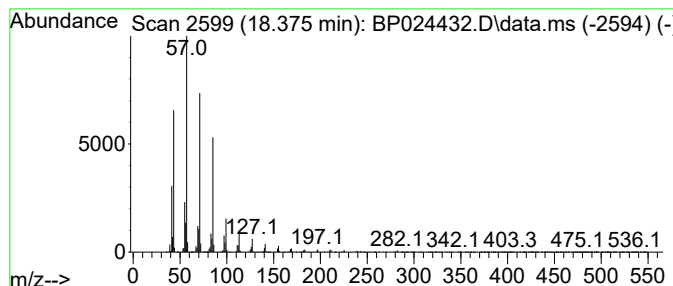
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	7.87 ng	950863	Phenanthrene-d10	17.134

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-6-042425

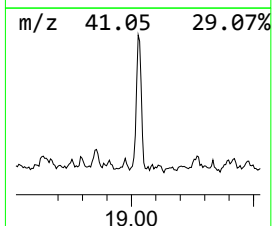
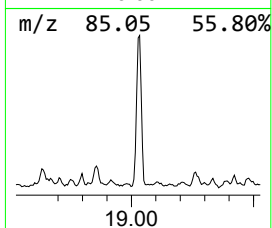
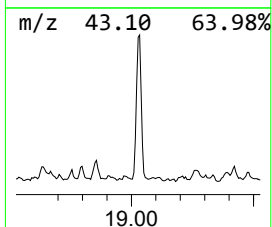
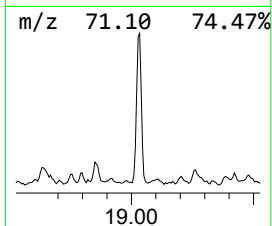
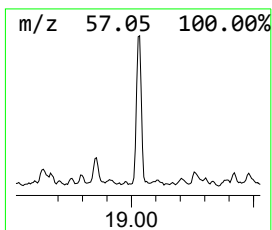
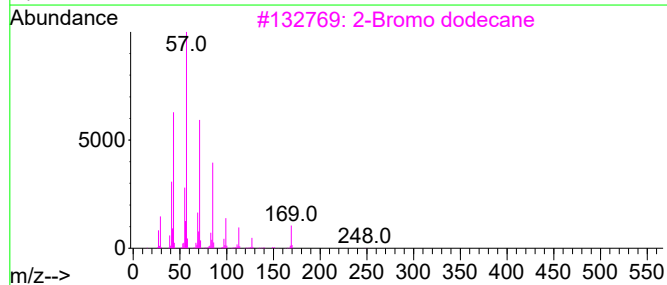
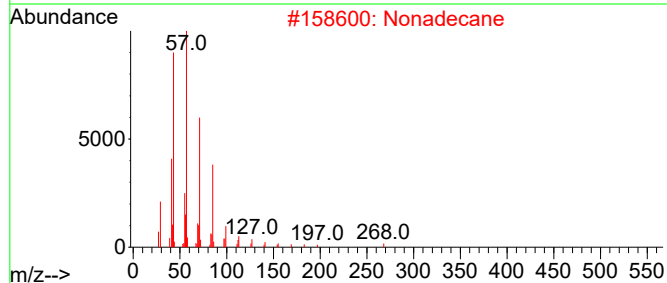
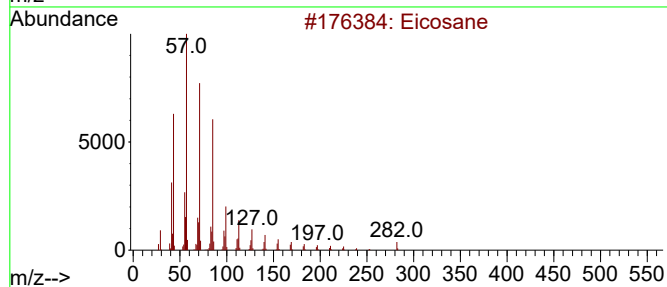
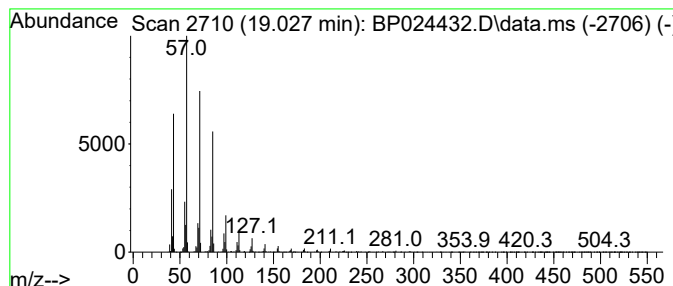
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.028	6.38 ng	771018	Phenanthrene-d10	17.134

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Nonadecane	268	C19H40	000629-92-5	96
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	94
4			Hexacosane	366	C26H54	000630-01-3	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

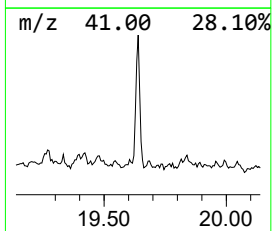
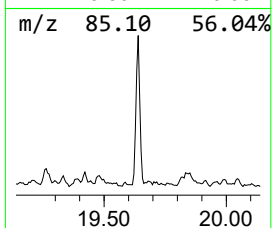
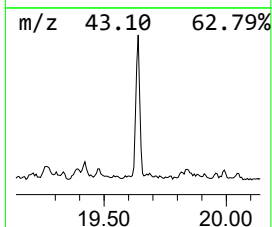
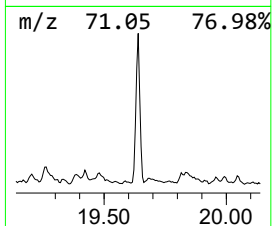
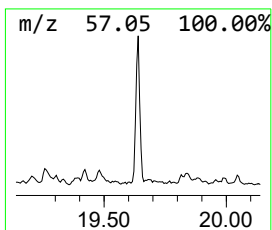
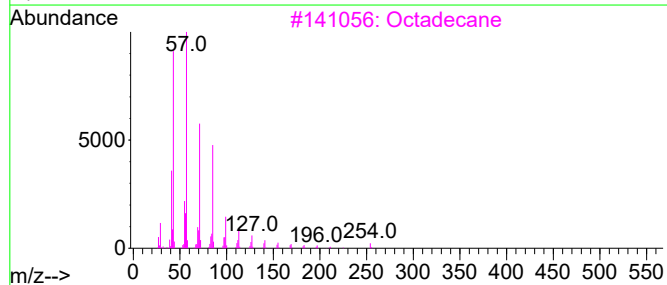
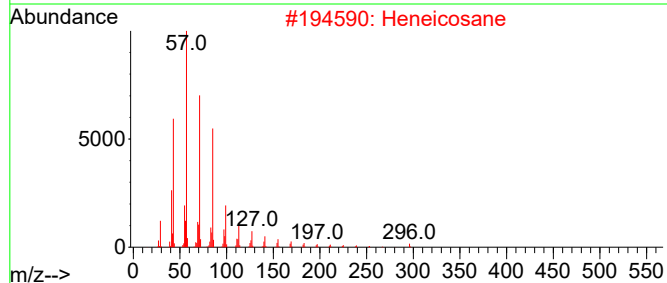
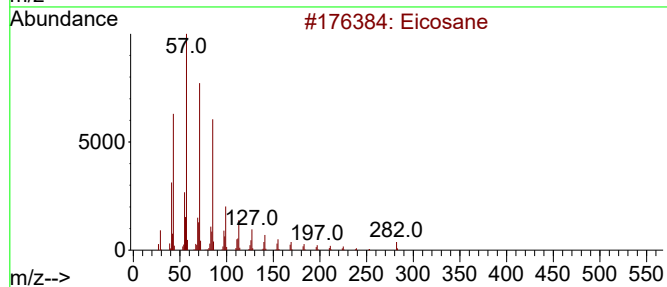
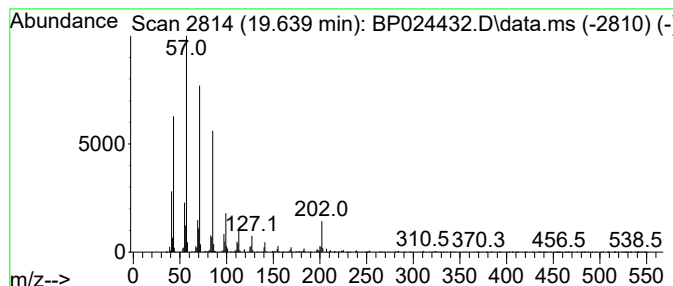
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.639	4.14 ng	555248	Chrysene-d12		21.569	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	98
2	Heneicosane		296	C21H44	000629-94-7	91
3	Octadecane		254	C18H38	000593-45-3	87
4	Heptadecane		240	C17H36	000629-78-7	87
5	Heptacosane		380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024432.D
Acq On : 25 Apr 2025 21:15
Operator : RC/JU
Sample : Q1877-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-6-042425

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	8.934	4.2	ng	231763	1	7.716	1117610	20.0
Dodecane, 4,6-d...	11.510	3.1	ng	336362	2	10.493	2177070	20.0
Naphthalene, 1,...	11.675	3.4	ng	374718	2	10.493	2177070	20.0
Tridecane	11.904	7.5	ng	811450	2	10.493	2177070	20.0
Naphthalene, 1,...	12.404	3.7	ng	400732	2	10.493	2177070	20.0
Dodecane, 2,6,1...	12.875	3.7	ng	425863	3	14.339	2310730	20.0
Tetradecane	13.163	10.3	ng	1189620	3	14.339	2310730	20.0
Naphthalene, 1,...	13.275	3.0	ng	346523	3	14.339	2310730	20.0
2,6,10-Trimethy...	13.828	5.3	ng	607134	3	14.339	2310730	20.0
Pentadecane	14.245	12.3	ng	1417740	3	14.339	2310730	20.0
2-Methyltetraeco...	14.875	3.4	ng	392270	3	14.339	2310730	20.0
Hexadecane	15.210	12.1	ng	1395330	3	14.339	2310730	20.0
Pentadecane, 2,...	15.622	5.9	ng	677835	3	14.339	2310730	20.0
Dodecane, 2-met...	16.087	13.3	ng	1602440	4	17.134	2417130	20.0
Heptadecane	16.898	10.9	ng	1313170	4	17.134	2417130	20.0
Hexadecane, 2,6...	16.951	5.7	ng	682735	4	17.134	2417130	20.0
Heneicosane	17.663	9.1	ng	1102890	4	17.134	2417130	20.0
2-Bromo dodecane	18.375	7.9	ng	950863	4	17.134	2417130	20.0
Eicosane	19.028	6.4	ng	771018	4	17.134	2417130	20.0
Octadecane	19.639	4.1	ng	555248	5	21.569	2681900	20.0