

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024953.D
 Acq On : 13 Jun 2025 20:58
 Operator : RC/JU
 Sample : Q2308-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-02-06122025

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-BP060625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024953.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.249	384	393	410	rBV	591317	1051926	22.11%	1.440%
2	6.766	644	651	656	rBV2	89429	173593	3.65%	0.238%
3	6.825	656	661	675	rVV	551012	1102209	23.17%	1.509%
4	7.231	725	730	734	rBV	269467	370871	7.80%	0.508%
5	7.607	784	794	803	rBV	982199	1794306	37.71%	2.457%
6	7.719	809	813	820	rBV2	79374	159017	3.34%	0.218%
7	7.884	838	841	848	rVB4	100843	167405	3.52%	0.229%
8	8.149	883	886	889	rVV2	137879	197201	4.14%	0.270%
9	8.243	896	902	907	rBV2	182466	395587	8.31%	0.542%
10	8.354	917	921	925	rBV	153570	230209	4.84%	0.315%
11	8.696	975	979	985	rVB2	233696	361888	7.61%	0.495%
12	8.766	985	991	995	rBV	360951	752816	15.82%	1.031%
13	8.813	995	999	1004	rVB	706445	1012018	21.27%	1.386%
14	8.902	1009	1014	1016	rBV2	101940	162672	3.42%	0.223%
15	8.943	1016	1021	1026	rVB4	205965	414678	8.72%	0.568%
16	9.043	1027	1038	1040	rBV3	103150	300762	6.32%	0.412%
17	9.225	1064	1069	1073	rVV2	155557	258037	5.42%	0.353%
18	9.278	1073	1078	1087	rVV2	174233	462661	9.72%	0.633%
19	9.472	1100	1111	1114	rBV5	100253	242216	5.09%	0.332%
20	9.507	1114	1117	1122	rVV4	125295	227861	4.79%	0.312%
21	9.560	1122	1126	1129	rVV	162184	265274	5.58%	0.363%
22	9.590	1129	1131	1135	rVV	129008	165230	3.47%	0.226%
23	9.660	1135	1143	1147	rVB3	153130	341577	7.18%	0.468%
24	9.731	1149	1155	1159	rBV3	151277	279812	5.88%	0.383%
25	9.796	1159	1166	1172	rVV3	257325	696266	14.63%	0.953%
26	9.849	1172	1175	1181	rVV2	132550	215411	4.53%	0.295%
27	9.907	1181	1185	1188	rVV	160237	222886	4.68%	0.305%
28	9.966	1191	1195	1199	rVV3	162430	291299	6.12%	0.399%
29	10.013	1199	1203	1209	rVB	98274	175957	3.70%	0.241%
30	10.084	1209	1215	1223	rBV2	132438	333544	7.01%	0.457%
31	10.354	1254	1261	1263	rBV	1052854	1743454	36.64%	2.387%
32	10.384	1263	1266	1271	rVB	1251230	1851003	38.91%	2.534%
33	10.496	1281	1285	1288	rBV4	138113	208256	4.38%	0.285%
34	10.537	1288	1292	1297	rVB	333294	474338	9.97%	0.649%
35	10.596	1297	1302	1310	rBV2	151582	283816	5.97%	0.389%
36	10.860	1340	1347	1354	rVB4	201832	454992	9.56%	0.623%

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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-BP060625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.037	1373	1377	1380	rBV4	117013	200121	4.21%	0.274%
38	11.078	1381	1384	1391	rVB6	153984	295741	6.22%	0.405%
39	11.137	1391	1394	1401	rVB3	118735	235305	4.95%	0.322%
40	11.213	1401	1407	1414	rBV6	186959	379558	7.98%	0.520%
41	11.290	1415	1420	1428	rVB4	253177	537609	11.30%	0.736%
42	11.401	1433	1439	1443	rBV	475295	825052	17.34%	1.130%
43	11.572	1463	1468	1476	rVB3	261762	467266	9.82%	0.640%
44	11.666	1477	1484	1488	rBV4	167047	317553	6.67%	0.435%
45	11.801	1499	1507	1514	rBV	1174890	2035414	42.78%	2.787%
46	11.937	1527	1530	1535	rVB3	199569	305932	6.43%	0.419%
47	12.019	1540	1544	1556	rVB7	197970	516858	10.86%	0.708%
48	12.260	1580	1585	1587	rBV5	108135	182155	3.83%	0.249%
49	12.301	1588	1592	1598	rVB3	285405	519914	10.93%	0.712%
50	12.448	1614	1617	1621	rVB2	148755	189550	3.98%	0.260%
51	12.495	1621	1625	1632	rVB5	148124	284654	5.98%	0.390%
52	12.560	1632	1636	1639	rBV2	173484	250019	5.26%	0.342%
53	12.625	1644	1647	1652	rBV2	221607	319475	6.71%	0.437%
54	12.719	1659	1663	1667	rBV4	239394	388135	8.16%	0.531%
55	12.772	1667	1672	1678	rVV3	587452	952997	20.03%	1.305%
56	12.860	1682	1687	1696	rVB	1148792	1599602	33.62%	2.190%
57	13.066	1715	1722	1729	rVB	1347713	2066441	43.43%	2.829%
58	13.160	1734	1738	1739	rBV3	139772	168119	3.53%	0.230%
59	13.231	1747	1750	1755	rVB3	170949	243450	5.12%	0.333%
60	13.613	1811	1815	1828	rVB10	170539	590558	12.41%	0.809%
61	13.713	1828	1832	1833	rBV2	231197	307830	6.47%	0.421%
62	13.731	1833	1835	1839	rVV	367890	448707	9.43%	0.614%
63	13.778	1839	1843	1847	rVB3	212877	297890	6.26%	0.408%
64	14.160	1903	1908	1912	rBV	1224844	1452356	30.53%	1.988%
65	14.260	1917	1925	1931	rVV	2013088	3277665	68.89%	4.487%
66	14.325	1932	1936	1940	rVB	113039	166356	3.50%	0.228%
67	14.672	1991	1995	1999	rVB2	221230	289505	6.08%	0.396%
68	14.784	2011	2014	2021	rVB4	193908	305395	6.42%	0.418%
69	15.125	2068	2072	2077	rVB	747247	919210	19.32%	1.259%
70	15.325	2101	2106	2111	rBV2	183580	308400	6.48%	0.422%
71	15.536	2137	2142	2148	rVB	234188	402494	8.46%	0.551%
72	15.642	2154	2160	2165	rVB3	246612	424122	8.91%	0.581%
73	15.784	2175	2184	2191	rBV	839778	1457121	30.63%	1.995%
74	16.007	2217	2222	2230	rBV	503570	1064494	22.37%	1.457%
75	16.819	2356	2360	2364	rVV	260269	297486	6.25%	0.407%
76	16.878	2365	2370	2378	rVB	201142	353909	7.44%	0.485%

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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

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 Peak separation: 5

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77	17.060	2396	2401	2405	rBV2	2310382	3313634	69.65%	4.537%
78	17.101	2405	2408	2414	rVB	1148214	1453164	30.54%	1.990%
79	17.201	2420	2425	2430	rVB	339316	524789	11.03%	0.718%
80	17.495	2472	2475	2484	rVB3	96914	158787	3.34%	0.217%
81	17.578	2485	2489	2495	rVB2	173573	257357	5.41%	0.352%
82	17.960	2550	2554	2557	rBV	369809	485106	10.20%	0.664%
83	18.007	2557	2562	2570	rVV2	501979	982520	20.65%	1.345%
84	18.101	2574	2578	2582	rVV	173400	252215	5.30%	0.345%
85	18.160	2584	2588	2593	rVV2	453732	903102	18.98%	1.236%
86	18.201	2593	2595	2602	rVB	236704	316288	6.65%	0.433%
87	18.295	2608	2611	2617	rBV	154447	228475	4.80%	0.313%
88	18.489	2640	2644	2647	rBV	122627	168205	3.54%	0.230%
89	18.795	2693	2696	2699	rVB	144094	158220	3.33%	0.217%
90	18.919	2713	2717	2721	rBV	397702	546580	11.49%	0.748%
91	18.960	2721	2724	2726	rBV2	210377	255060	5.36%	0.349%
92	19.072	2738	2743	2749	rBV4	151286	365827	7.69%	0.501%
93	19.189	2759	2763	2769	rBV	1704150	2306237	48.47%	3.157%
94	19.566	2818	2827	2837	rBV	2153504	4170670	87.66%	5.710%
95	19.777	2859	2863	2868	rBV	1902281	2296022	48.26%	3.144%
96	20.254	2941	2944	2949	rVB	377609	523289	11.00%	0.716%
97	20.401	2966	2969	2972	rBV	269563	303913	6.39%	0.416%
98	21.489	3148	3154	3159	rBV3	2576385	4757696	100.00%	6.514%
99	21.536	3159	3162	3169	rVB	870706	1290232	27.12%	1.766%
100	24.760	3705	3710	3718	rVB	1581133	3537208	74.35%	4.843%

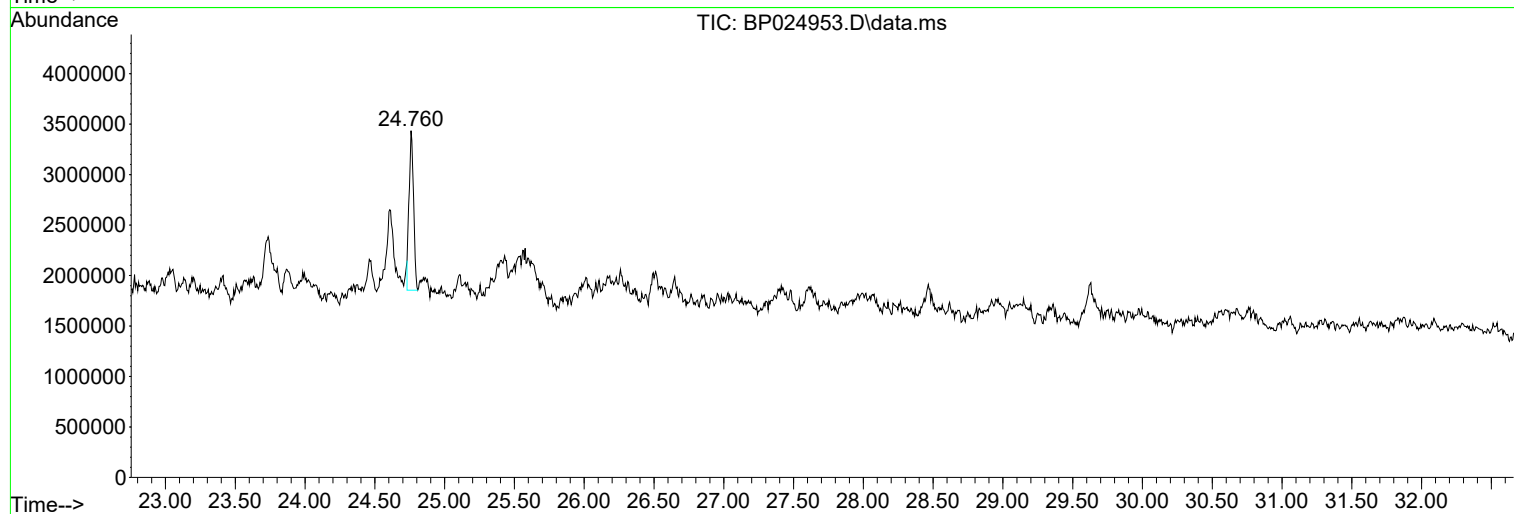
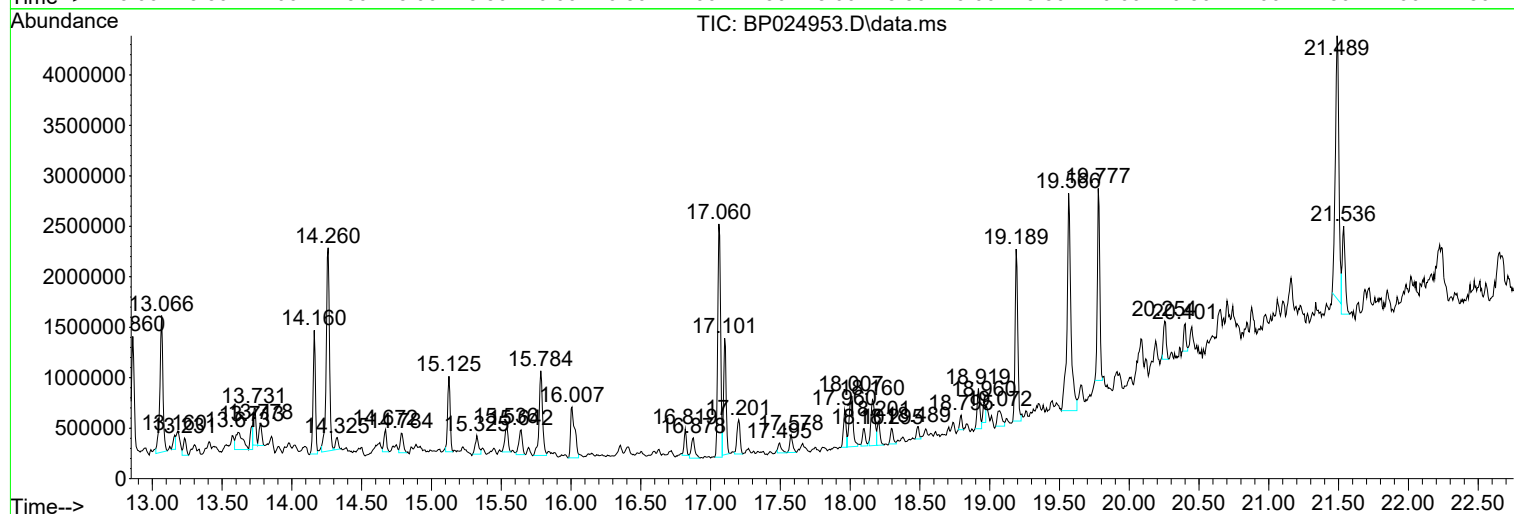
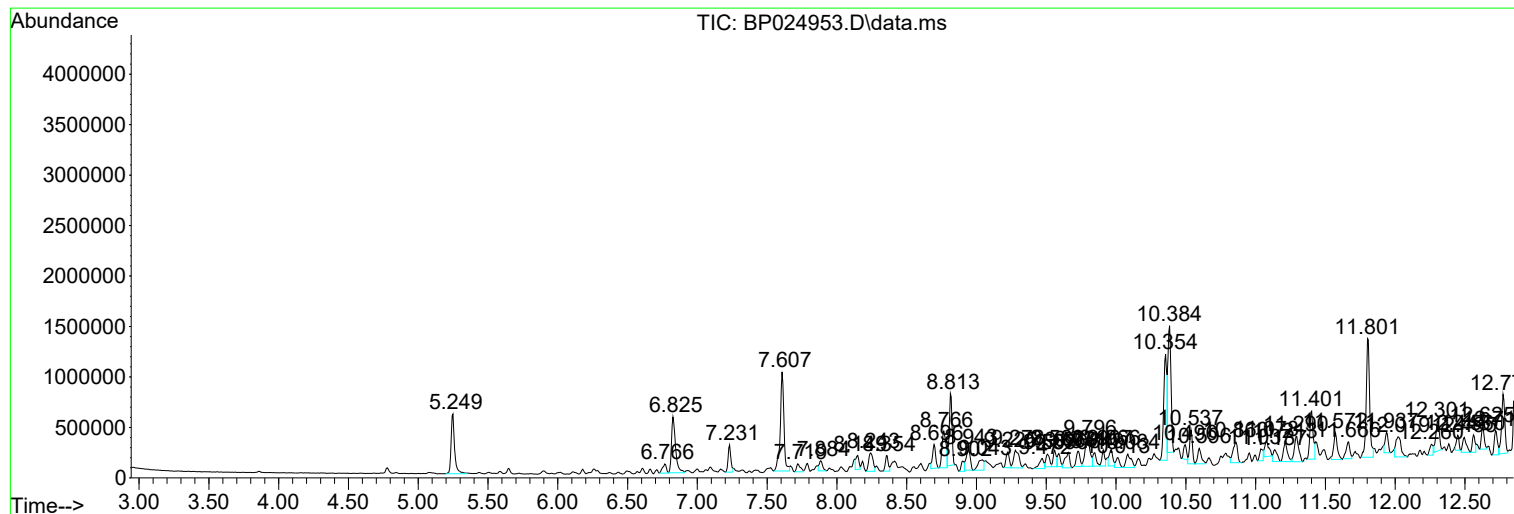
Sum of corrected areas: 73040062

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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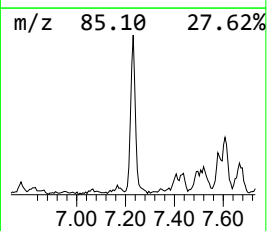
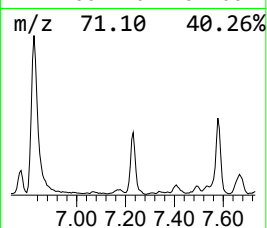
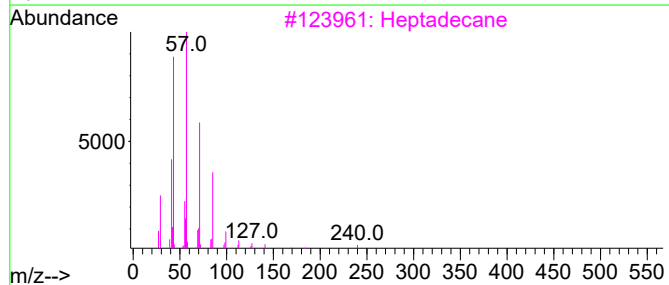
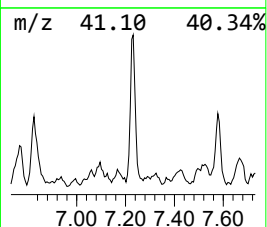
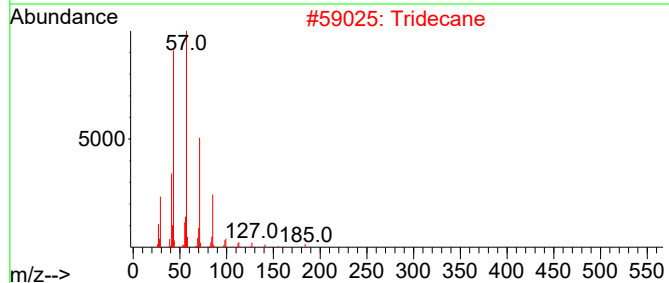
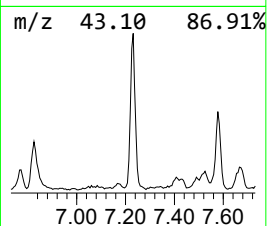
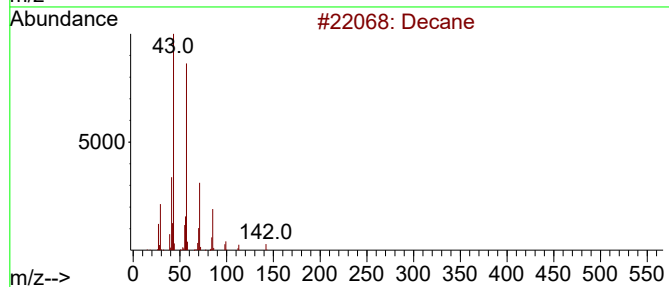
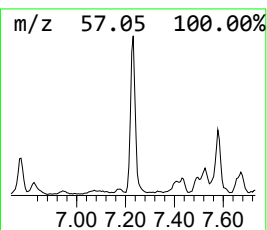
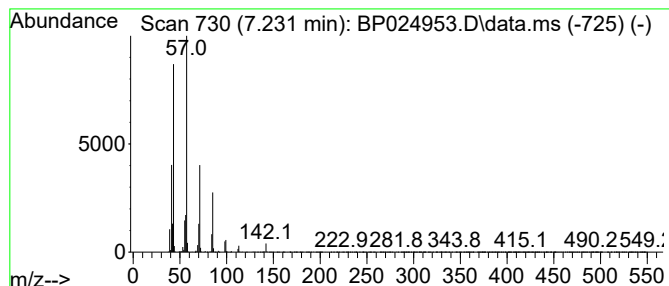
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.231	4.13 ng	370871	1,4-Dichlorobenzene-d4	7.607

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane	142	C10H22	000124-18-5	91
2		Tridecane	184	C13H28	000629-50-5	78
3		Heptadecane	240	C17H36	000629-78-7	78
4		Hexatriacontane	507	C36H74	000630-06-8	78
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64



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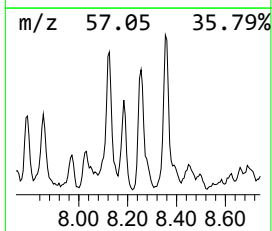
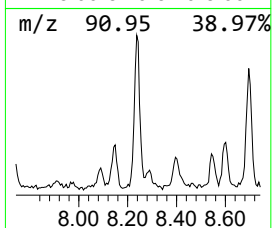
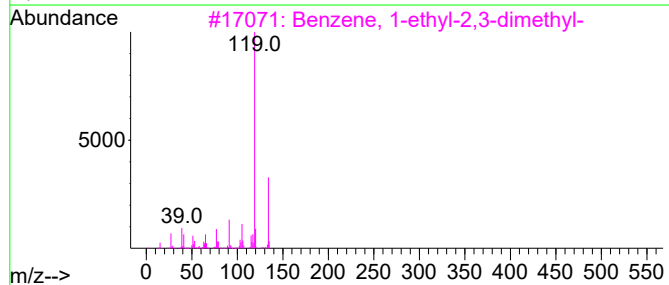
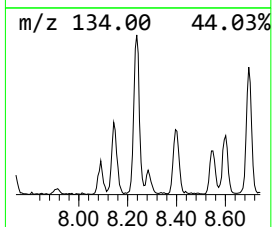
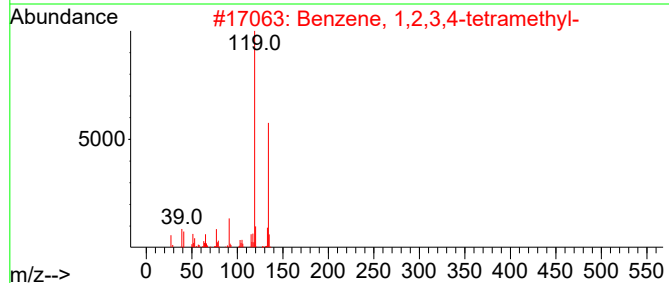
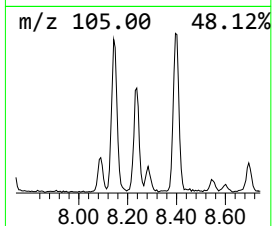
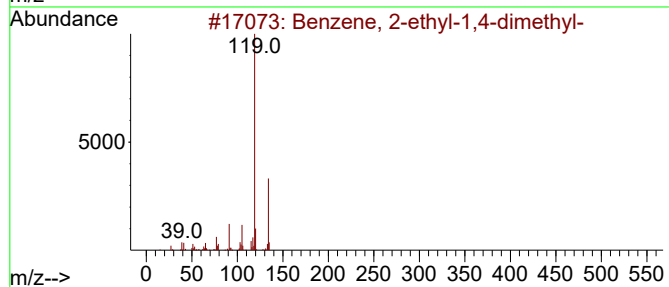
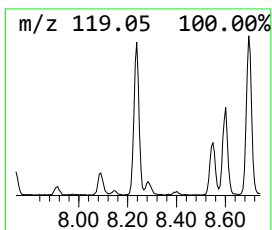
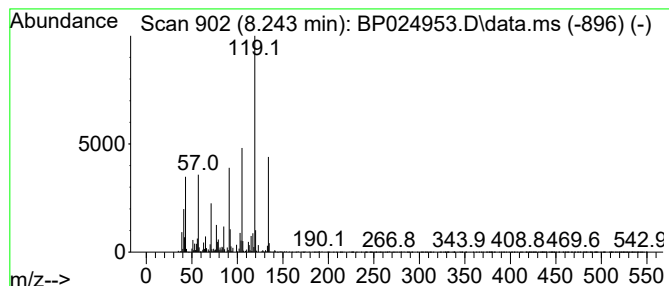
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.243	4.41 ng	395587	1,4-Dichlorobenzene-d4	7.607

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76



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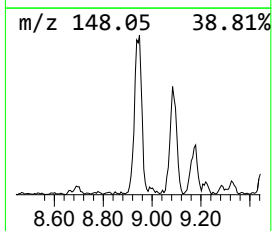
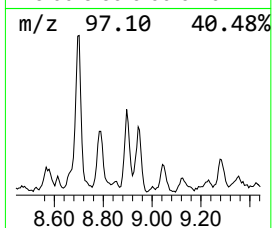
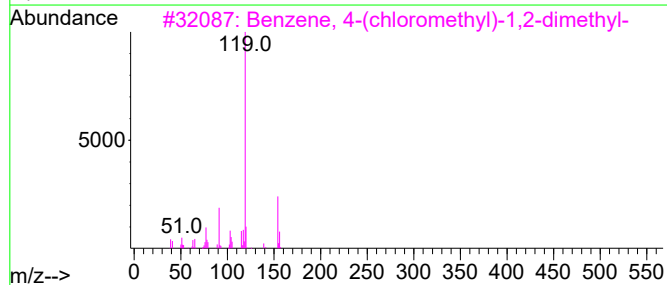
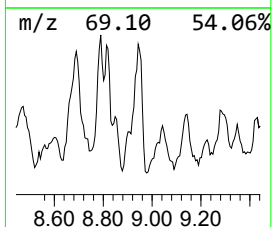
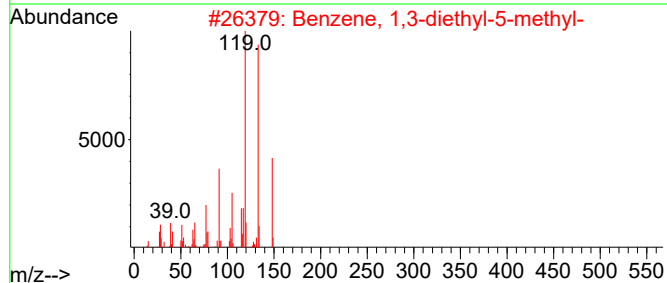
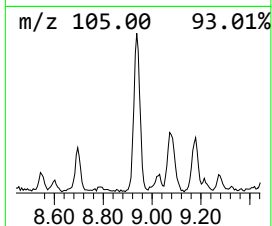
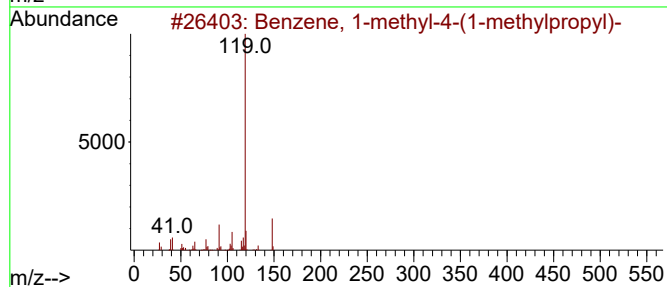
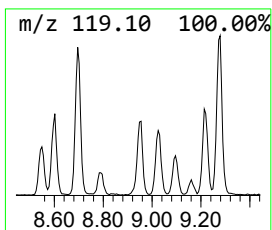
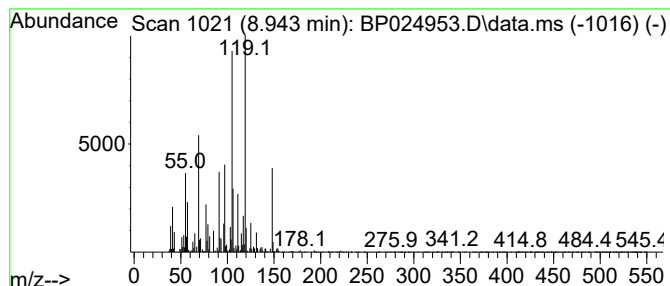
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-methyl-4-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.943	4.62 ng	414678	1,4-Dichlorobenzene-d4	7.607

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	55
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	52
3			Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	38
4			Bis[2,4-dimethylbenzyl]sulfone	302	C18H22O2S	1000251-42-1	38
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
Acq On : 13 Jun 2025 20:58
Operator : RC/JU
Sample : Q2308-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

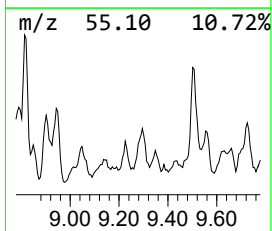
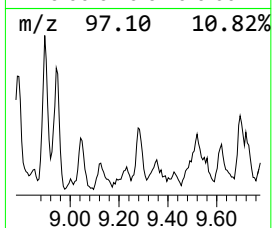
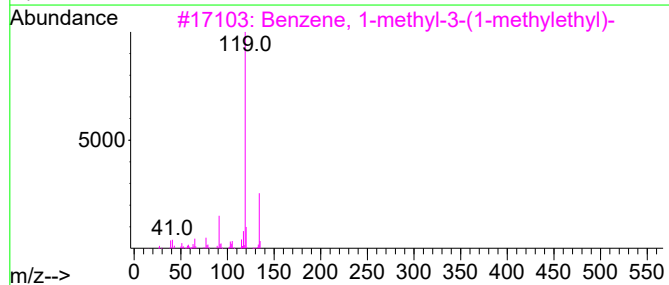
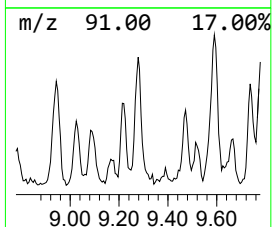
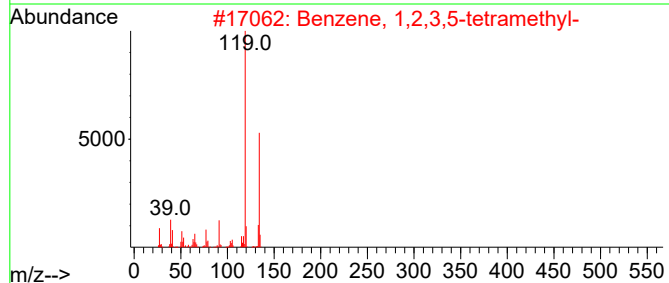
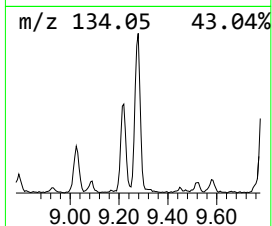
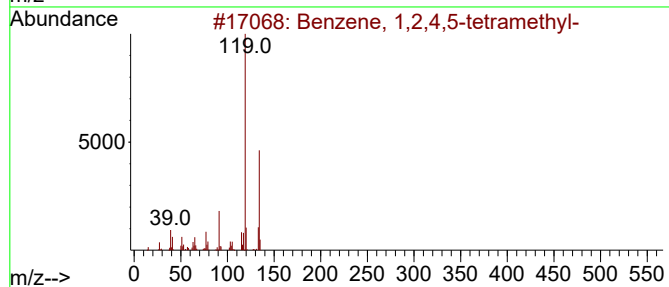
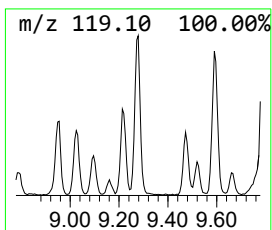
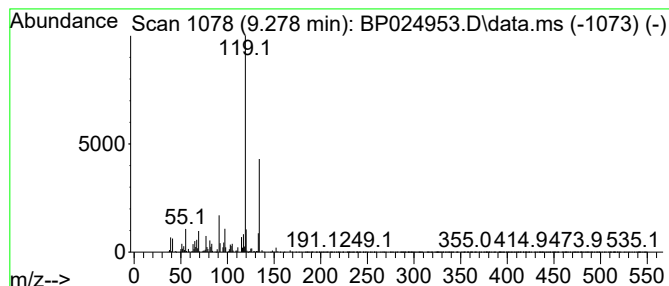
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.278	5.00 ng	462661	Naphthalene-d8	10.384	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
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Operator : RC/JU
Sample : Q2308-01 5X
Misc :
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Instrument :
BNA_P
ClientSampleId :
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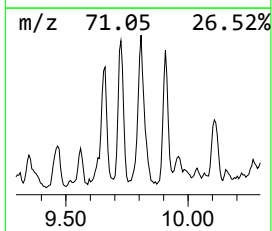
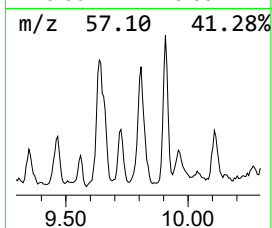
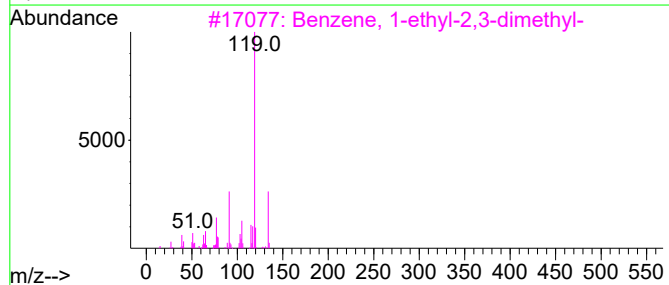
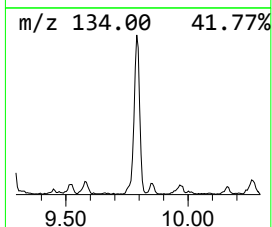
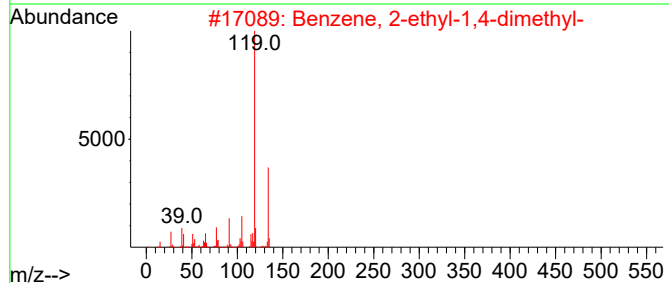
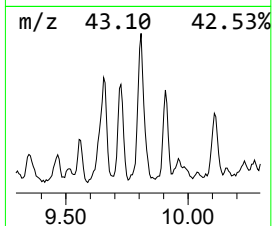
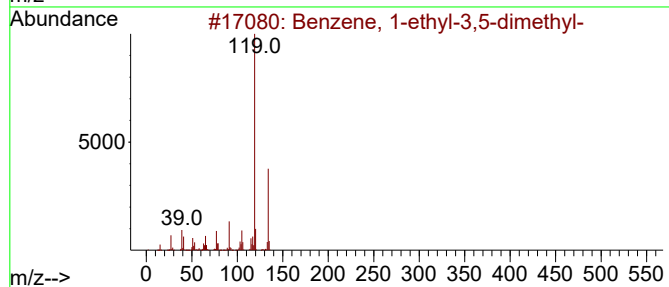
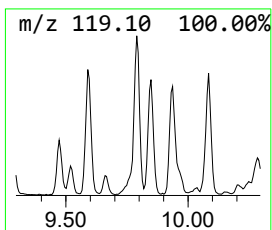
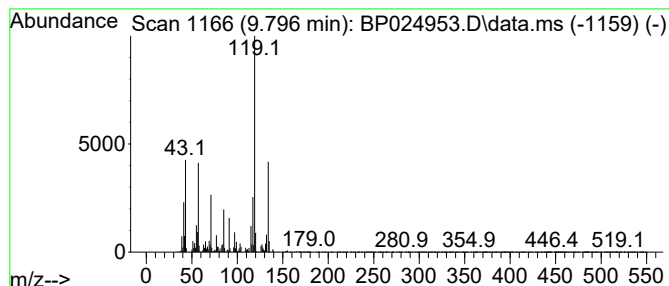
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.796	7.52 ng	696266	Naphthalene-d8	10.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
5			o-Cymene	134	C10H14	000527-84-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
Acq On : 13 Jun 2025 20:58
Operator : RC/JU
Sample : Q2308-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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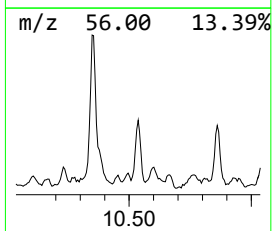
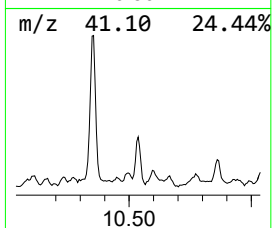
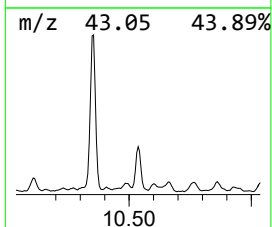
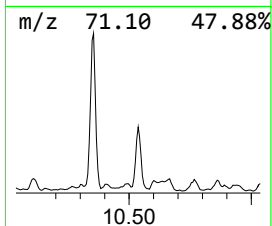
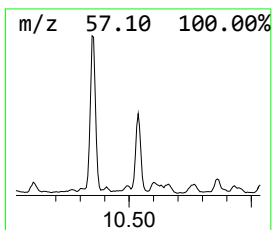
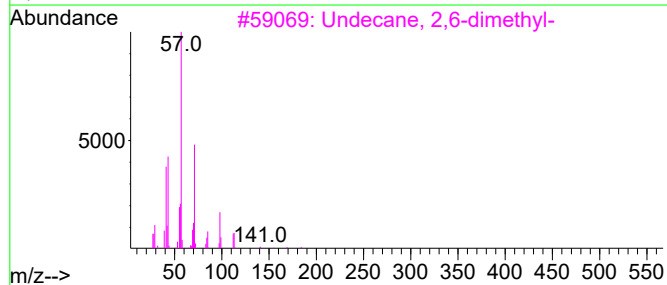
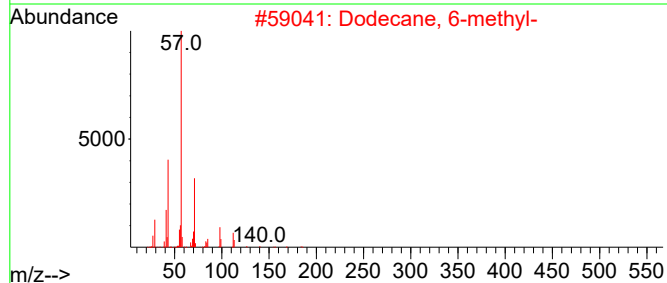
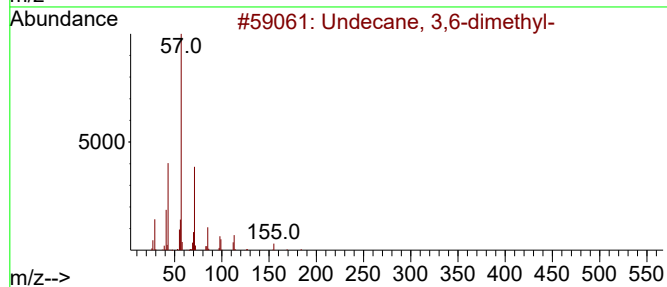
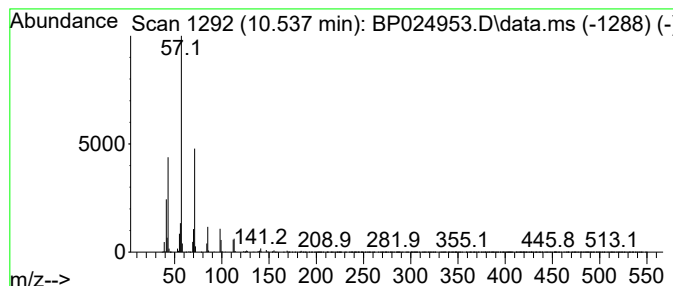
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.537	5.13 ng	474338	Naphthalene-d8	10.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	94
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	93
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5			Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
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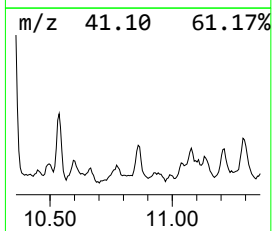
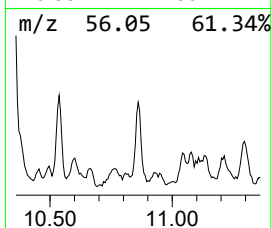
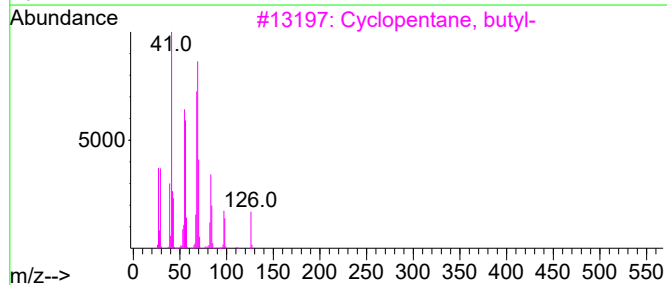
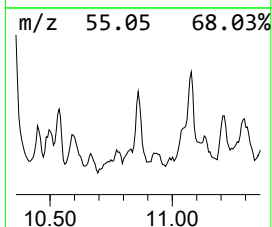
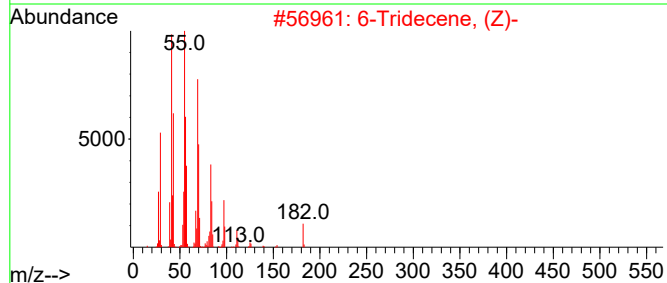
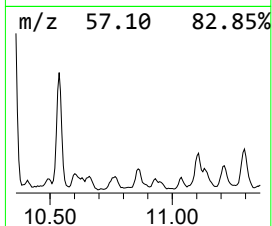
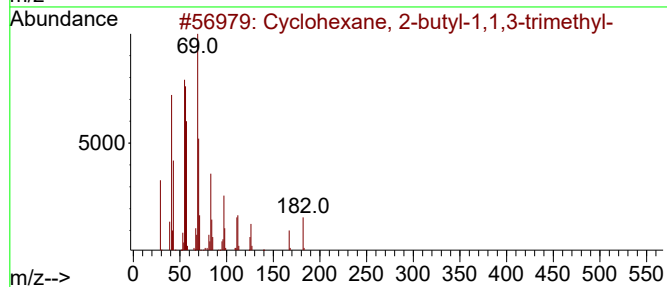
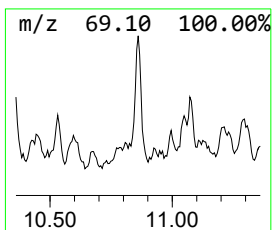
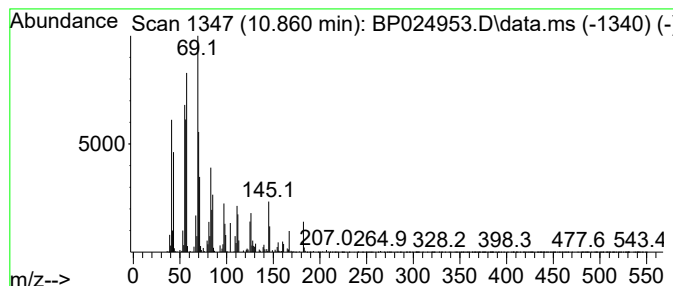
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.860	4.92 ng	454992	Naphthalene-d8	10.384	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
2	6-Tridecene, (Z)-	182	C13H26	006508-77-6	81
3	Cyclopentane, butyl-	126	C9H18	002040-95-1	76
4	3-Tridecene, (Z)-	182	C13H26	041446-53-1	74
5	3-Tridecene, (E)-	182	C13H26	041446-57-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
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Instrument :
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ClientSampleId :
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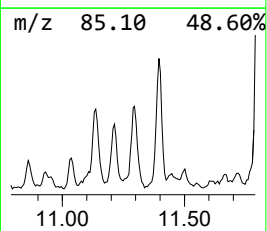
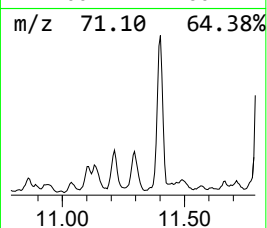
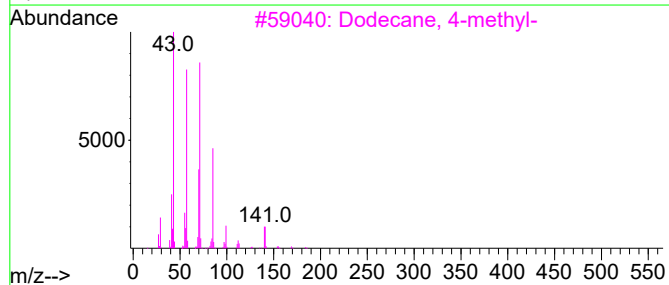
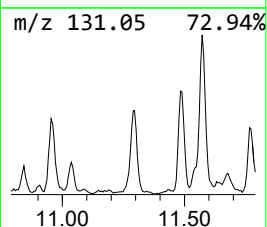
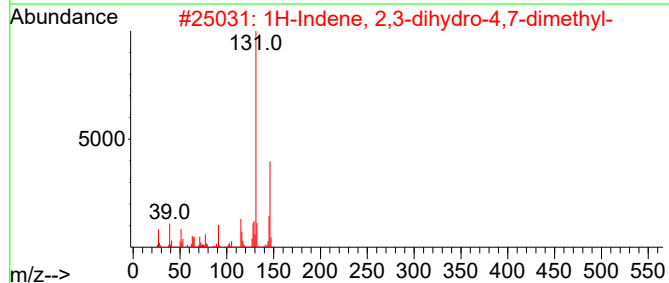
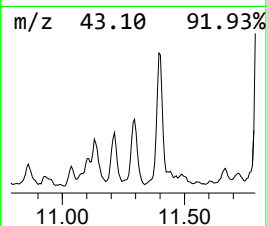
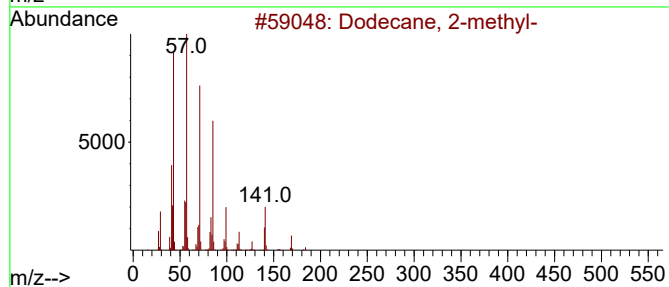
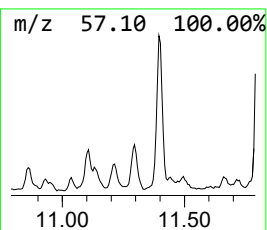
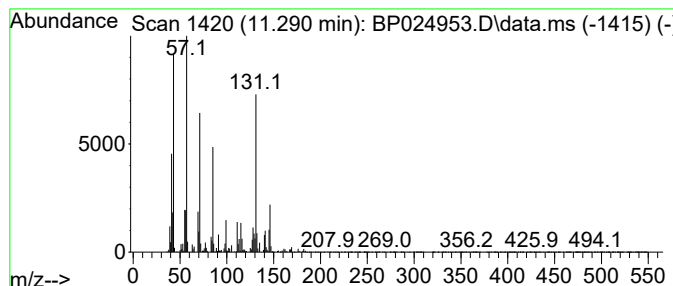
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.290	5.81 ng	537609	Naphthalene-d8	10.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	70
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	51
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	50
4			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	46
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
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ClientSampleId :
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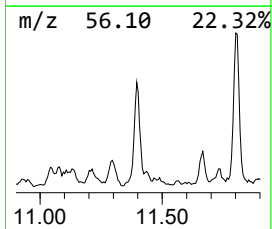
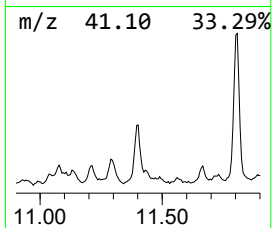
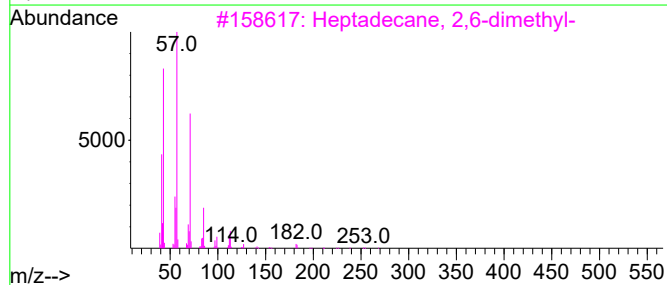
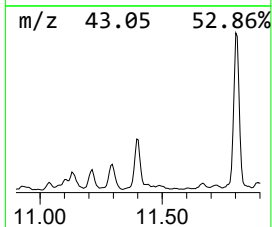
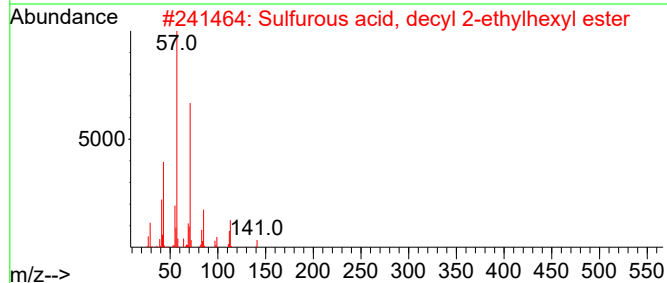
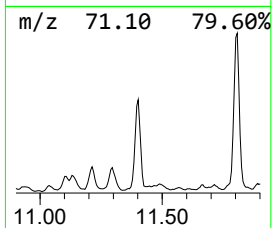
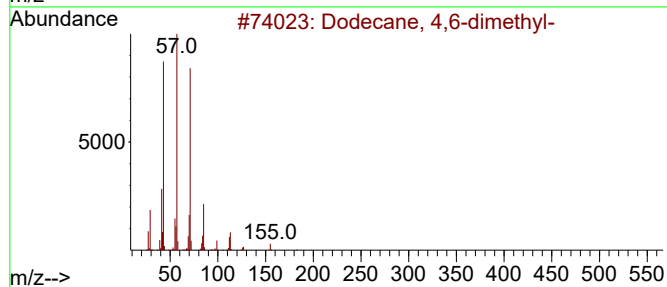
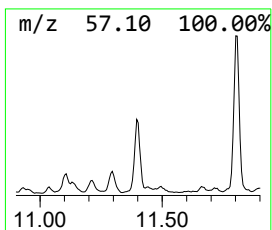
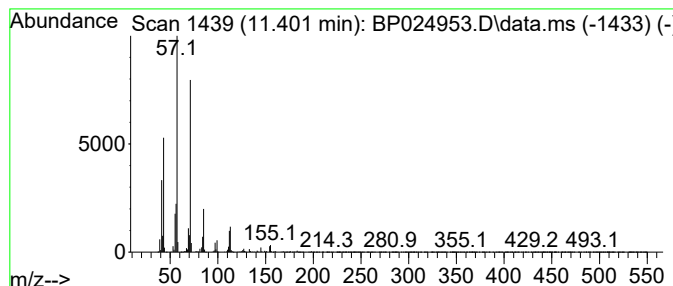
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.401	8.91 ng	825052	Naphthalene-d8	10.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	86
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
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Operator : RC/JU
Sample : Q2308-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

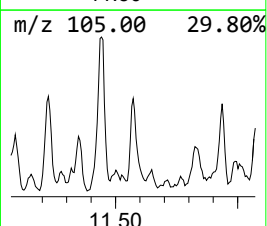
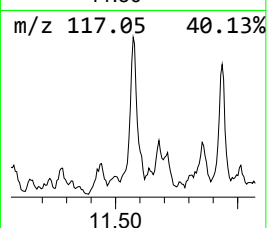
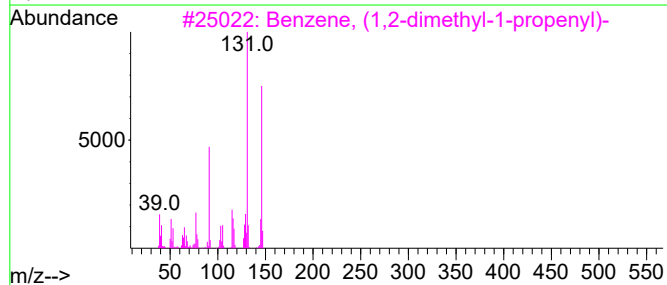
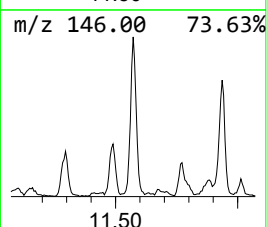
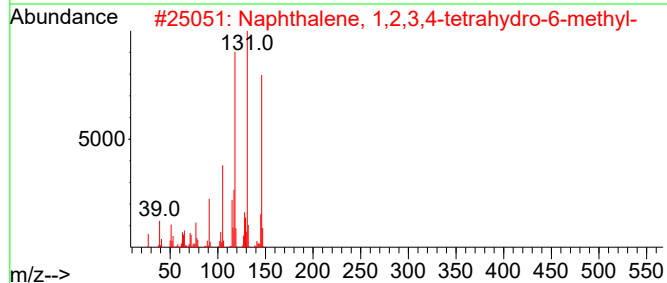
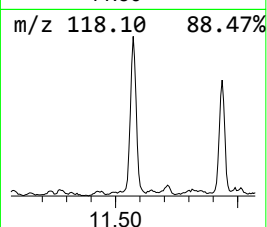
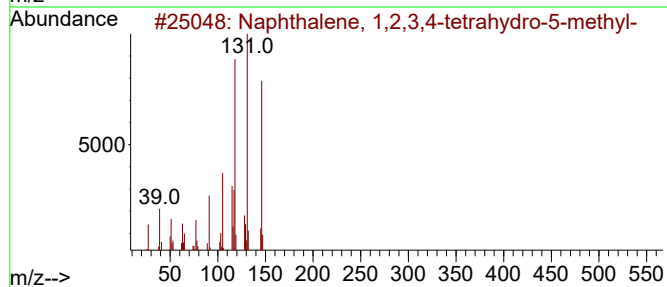
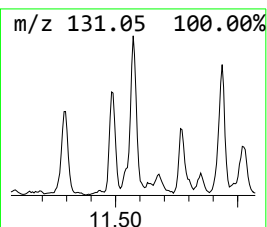
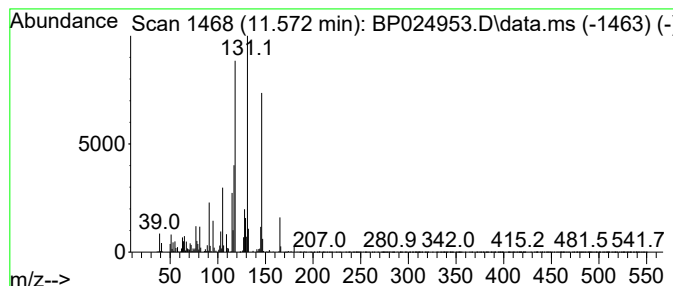
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.572	5.05 ng	467266	Naphthalene-d8	10.384	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
Acq On : 13 Jun 2025 20:58
Operator : RC/JU
Sample : Q2308-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-06122025

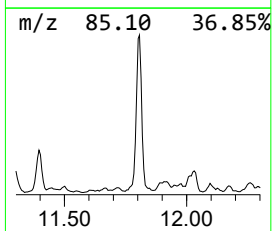
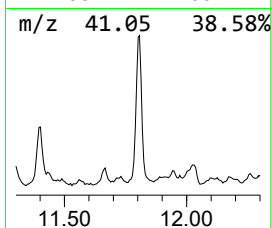
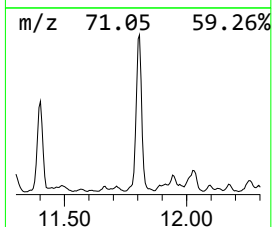
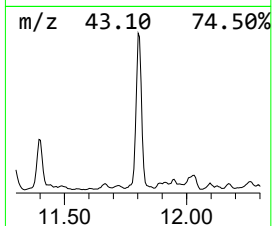
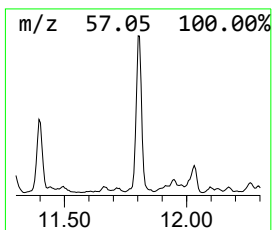
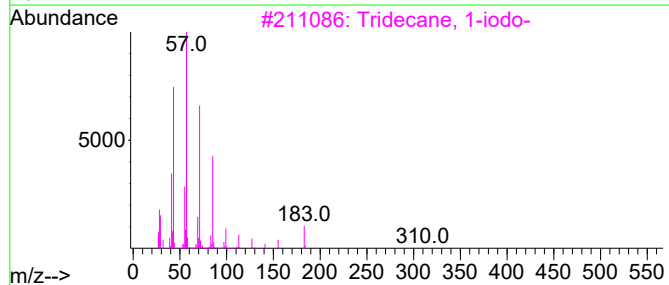
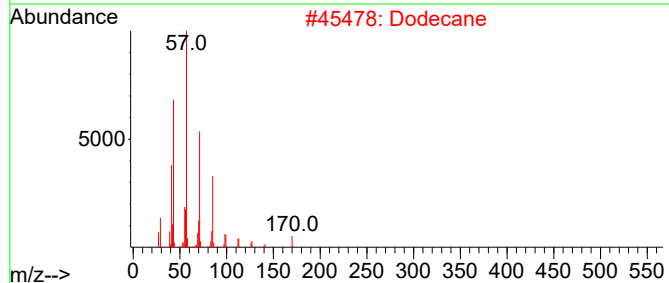
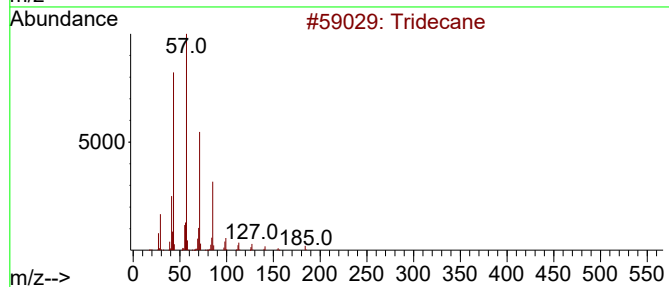
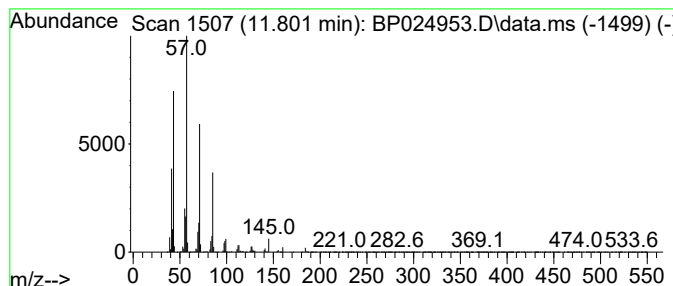
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.801	21.99 ng	2035410	Naphthalene-d8	10.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Dodecane	170	C12H26	000112-40-3	80
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4			Hexadecane	226	C16H34	000544-76-3	80
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
Acq On : 13 Jun 2025 20:58
Operator : RC/JU
Sample : Q2308-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-06122025

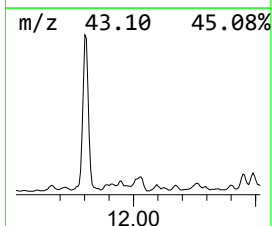
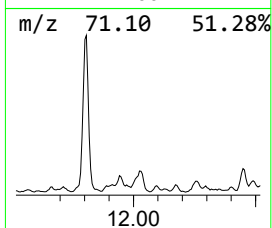
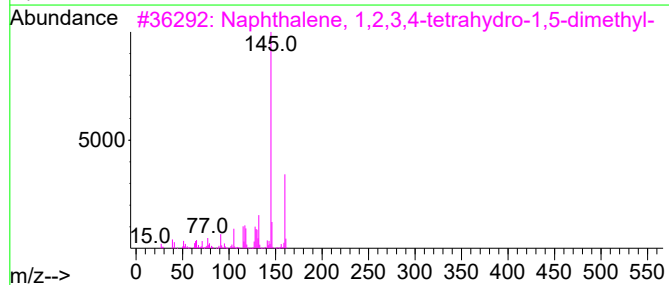
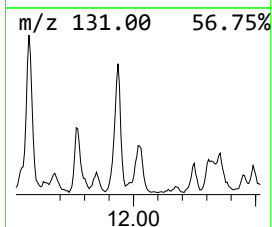
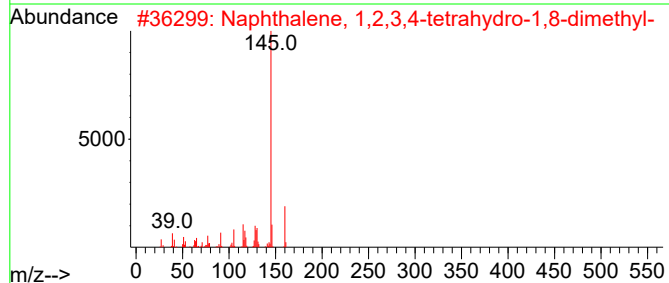
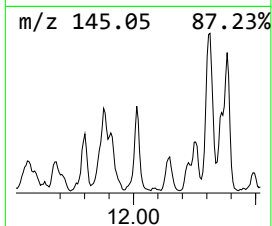
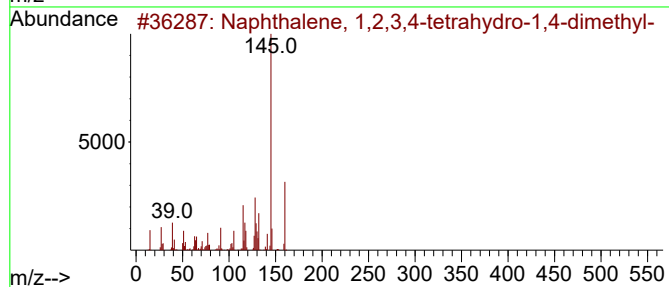
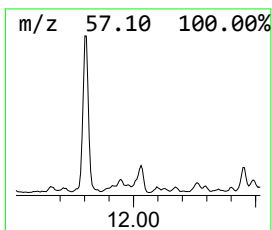
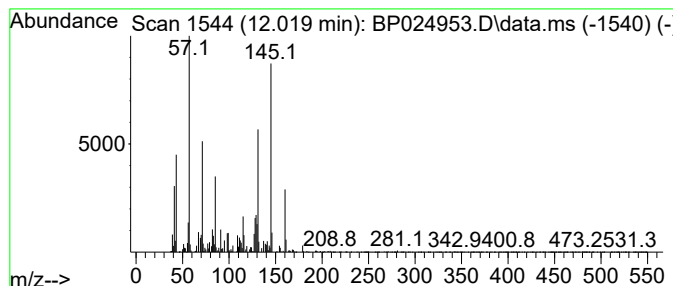
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.019	5.58 ng	516858	Naphthalene-d8	10.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	45
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	43
4			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	43
5			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
Acq On : 13 Jun 2025 20:58
Operator : RC/JU
Sample : Q2308-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-06122025

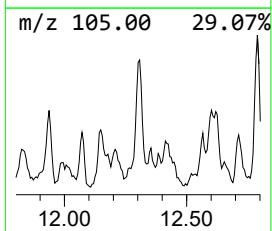
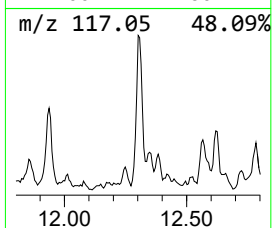
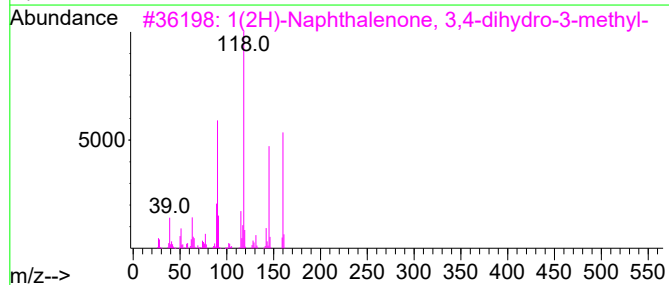
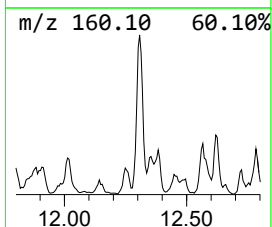
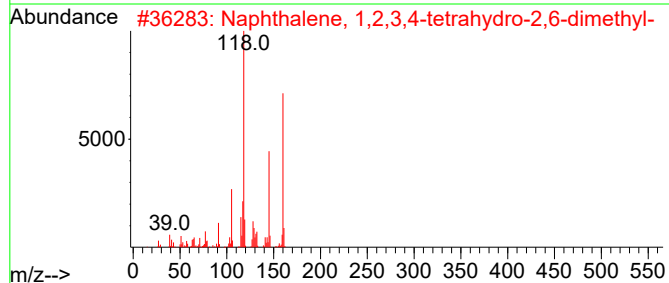
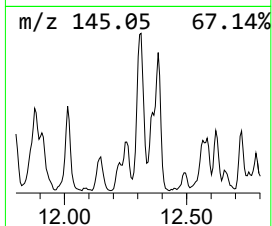
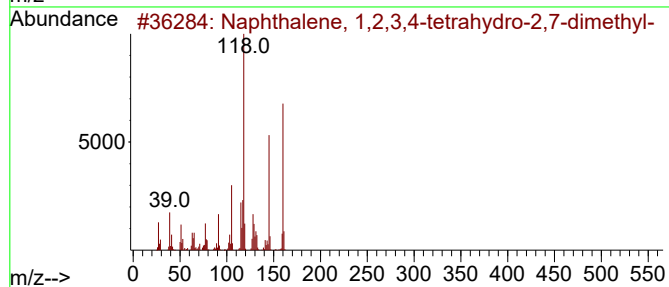
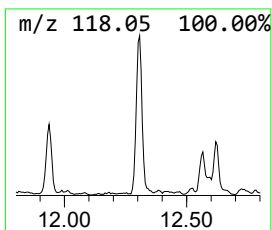
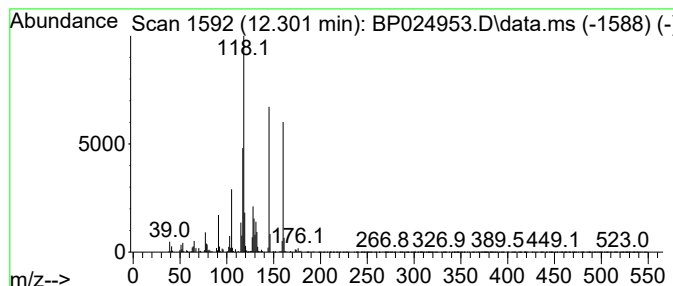
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.301	5.62 ng	519914	Naphthalene-d8	10.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	80
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	74
3			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	58
4			Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	58
5			Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
Acq On : 13 Jun 2025 20:58
Operator : RC/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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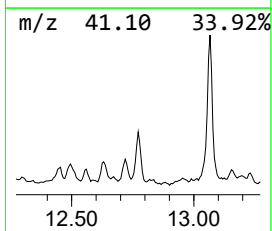
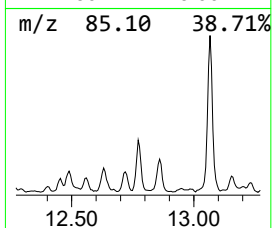
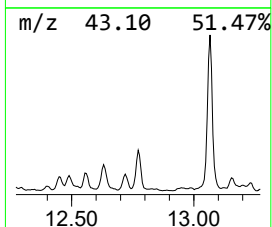
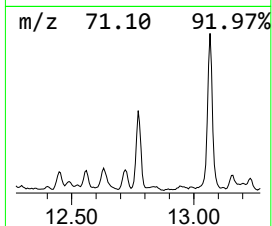
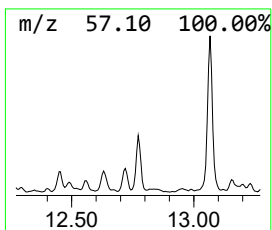
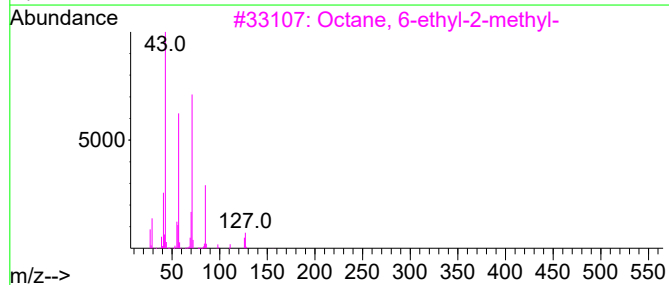
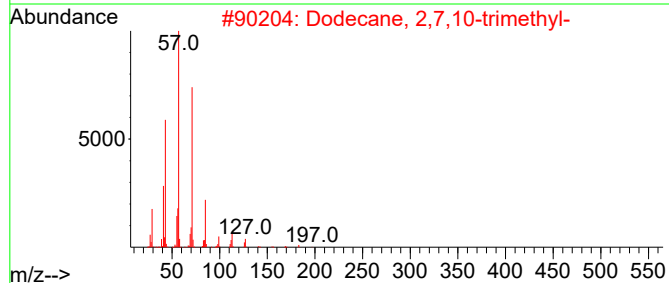
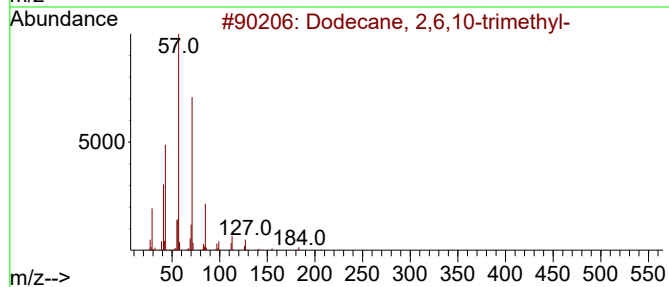
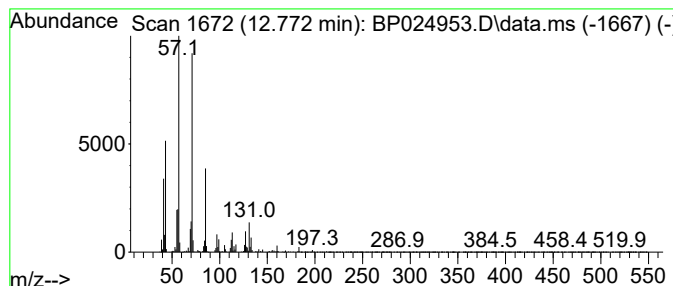
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.772	5.82 ng	952997	Acenaphthene-d10	14.260

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	64
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
Acq On : 13 Jun 2025 20:58
Operator : RC/JU
Sample : Q2308-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

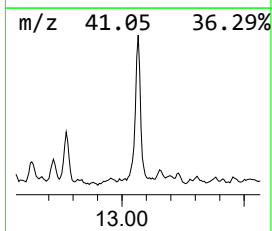
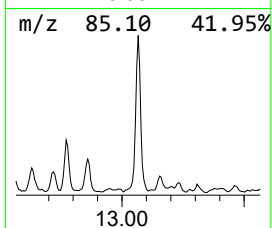
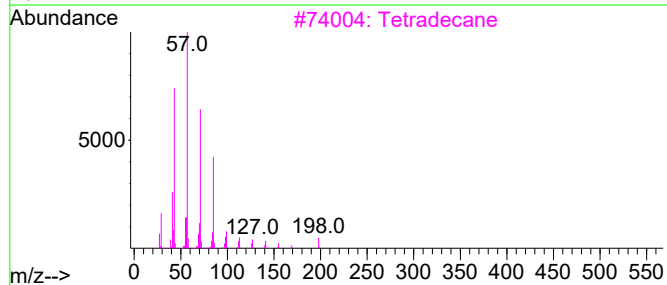
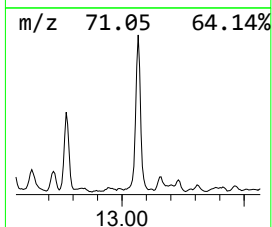
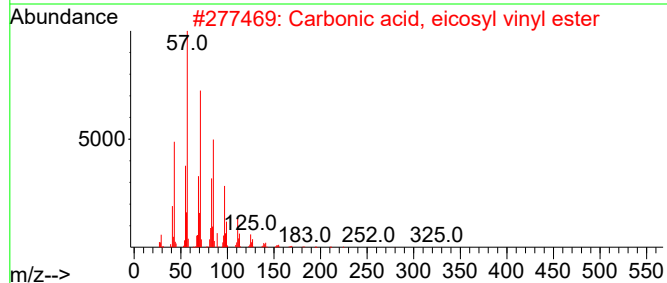
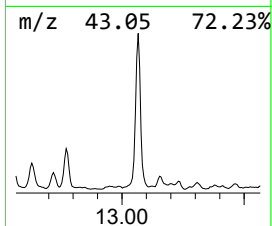
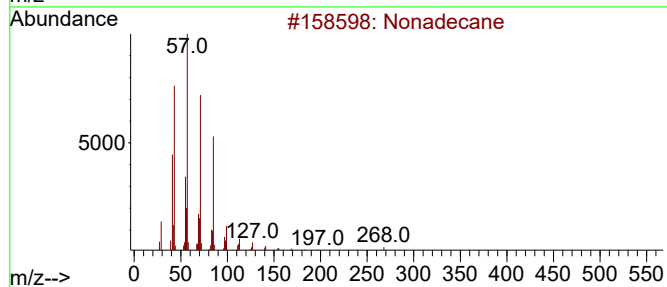
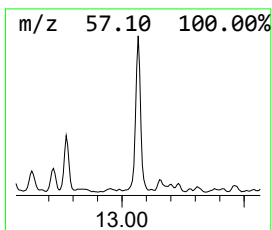
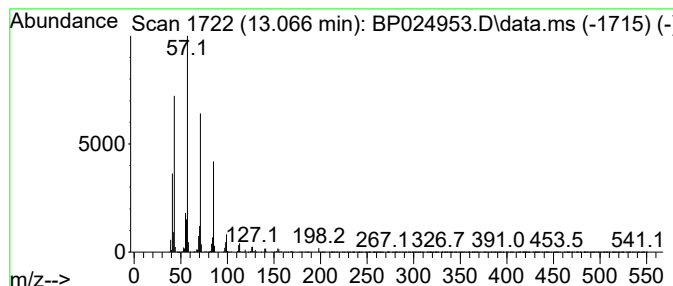
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.066	12.61 ng	2066440	Acenaphthene-d10		14.260	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	90
2	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	87
3	Tetradecane		198	C14H30	000629-59-4	86
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80
5	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
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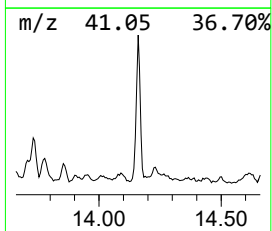
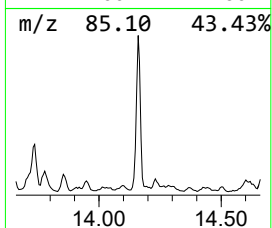
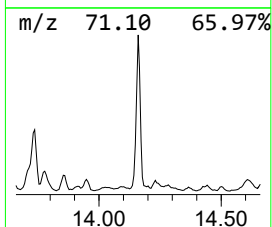
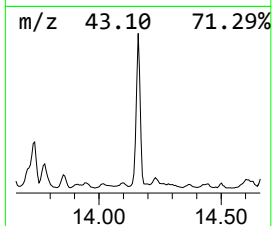
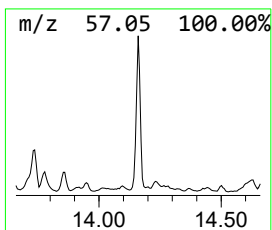
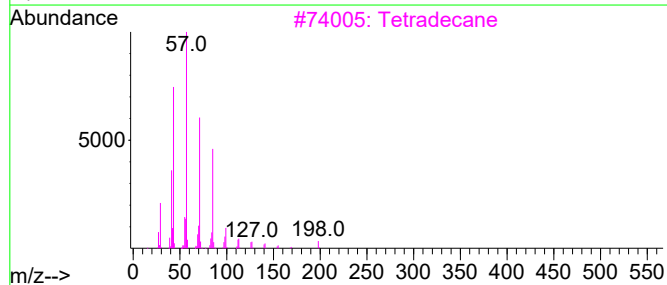
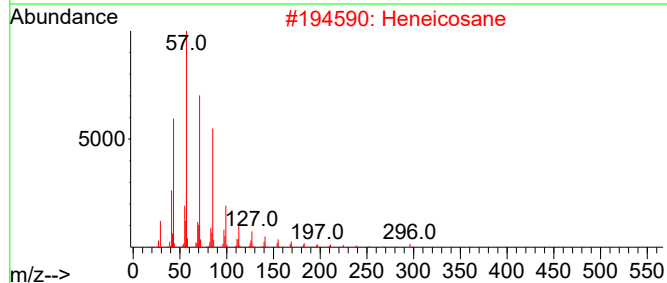
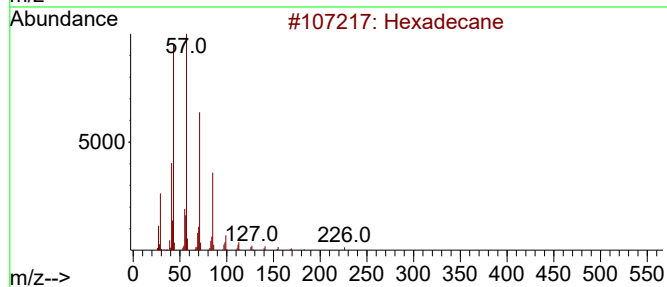
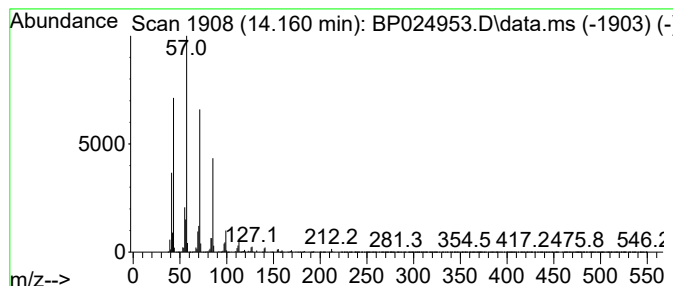
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.160	8.86 ng	1452360	Acenaphthene-d10		14.260	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Heneicosane		296	C21H44	000629-94-7	90
3	Tetradecane		198	C14H30	000629-59-4	87
4	Nonadecane		268	C19H40	000629-92-5	86
5	Dodecane, 2-methyl-		184	C13H28	001560-97-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
Acq On : 13 Jun 2025 20:58
Operator : RC/JU
Sample : Q2308-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

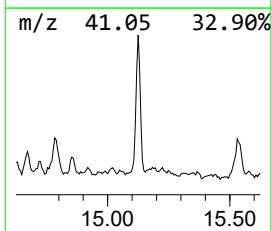
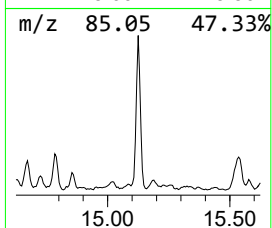
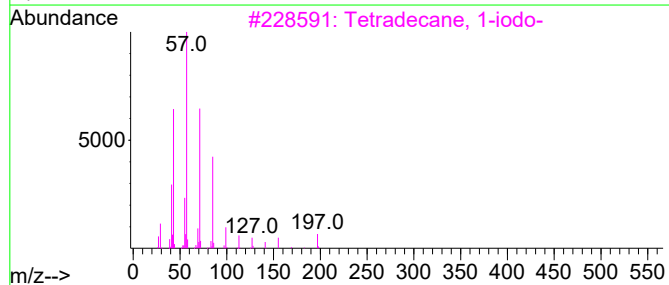
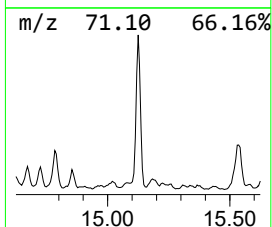
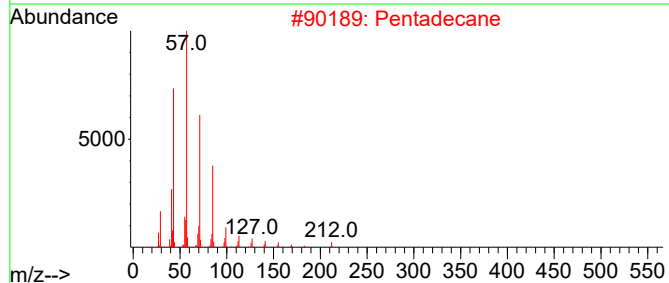
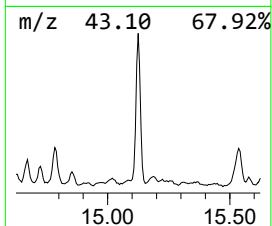
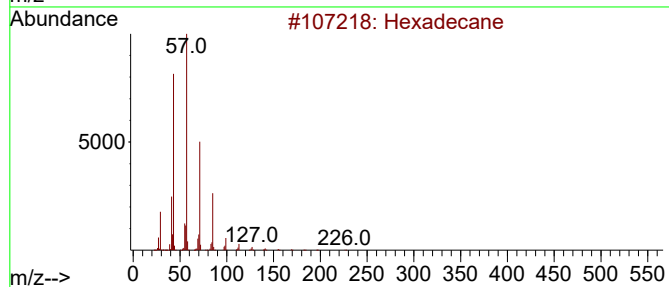
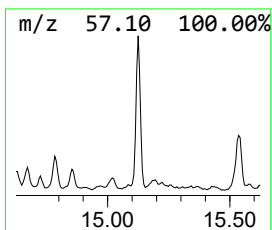
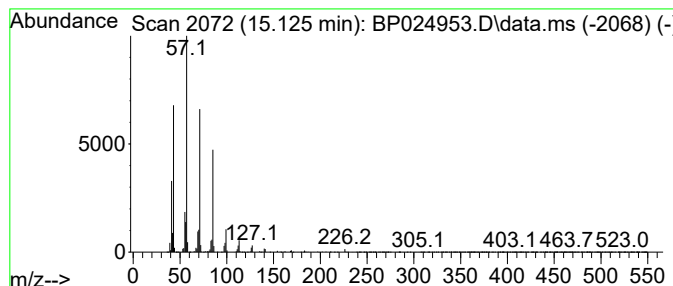
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BNA_P
ClientSampleId :
EO-02-06122025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.125	5.61 ng	919210	Acenaphthene-d10		14.260	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	97
2	Pentadecane		212	C15H32	000629-62-9	74
3	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	72
4	Sulfurous acid, butyl decyl ester		278	C14H30O3S	1000309-17-7	64
5	Nonadecane		268	C19H40	000629-92-5	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
Acq On : 13 Jun 2025 20:58
Operator : RC/JU
Sample : Q2308-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-02-06122025

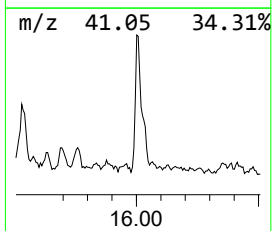
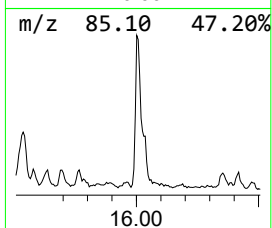
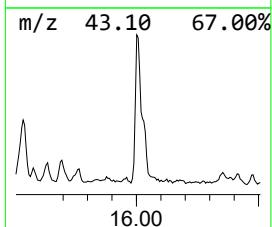
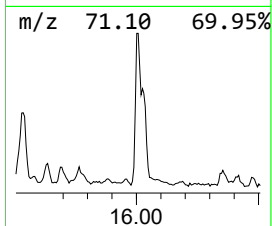
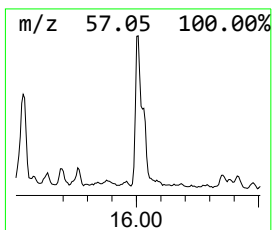
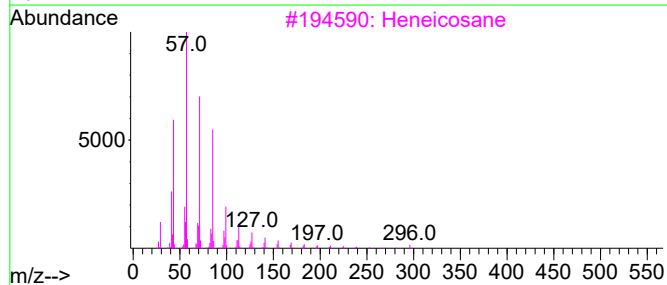
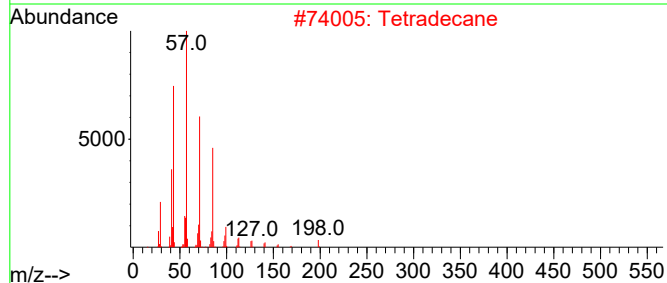
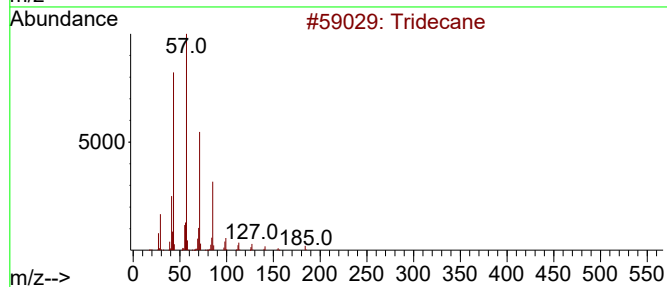
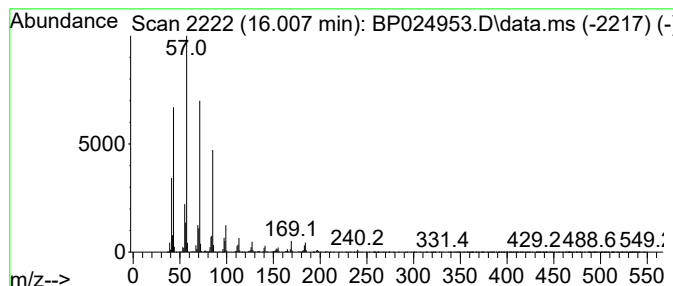
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.007	6.42 ng	1064490	Phenanthrene-d10	17.060

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Tetradecane	198	C14H30	000629-59-4	94
3		Heneicosane	296	C21H44	000629-94-7	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
Acq On : 13 Jun 2025 20:58
Operator : RC/JU
Sample : Q2308-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-02-06122025

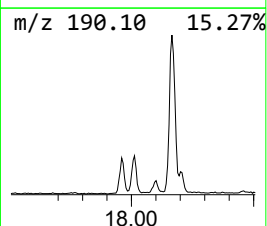
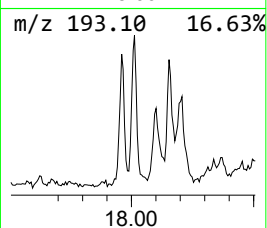
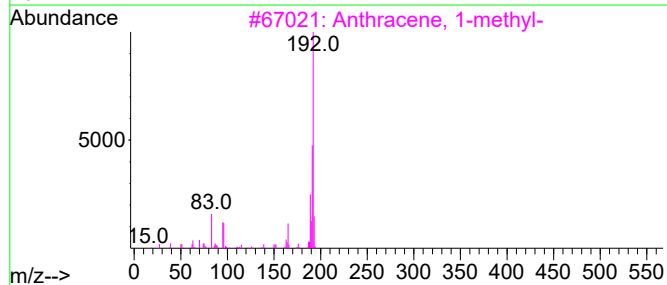
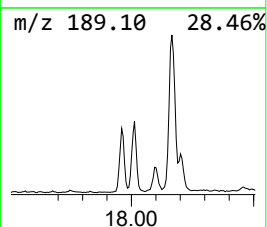
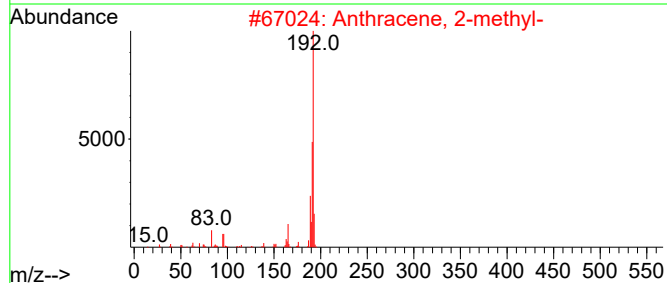
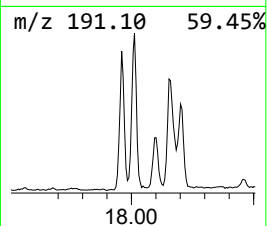
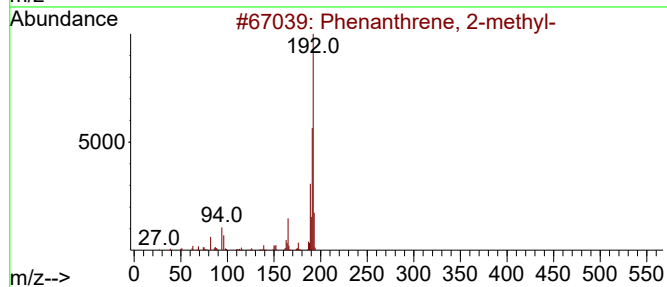
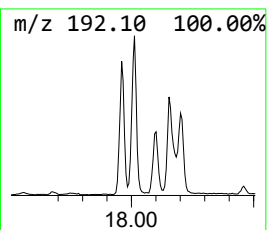
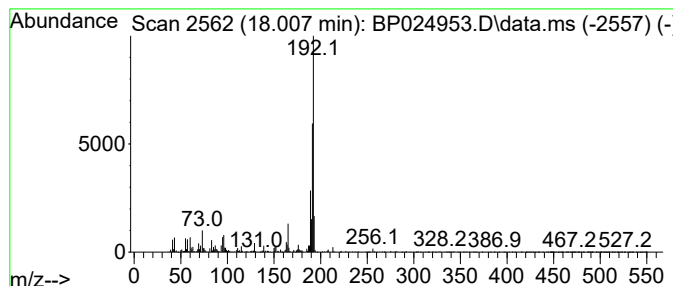
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.007	5.93 ng	982520	Phenanthrene-d10	17.060

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
Acq On : 13 Jun 2025 20:58
Operator : RC/JU
Sample : Q2308-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

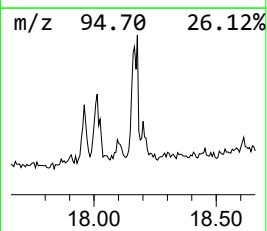
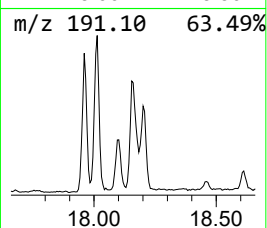
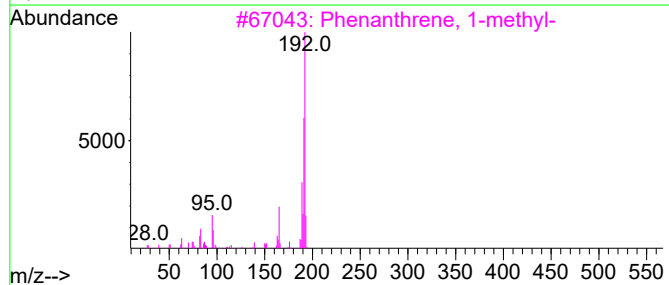
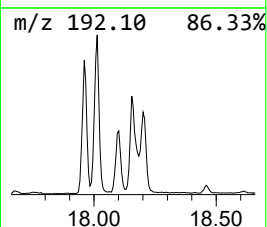
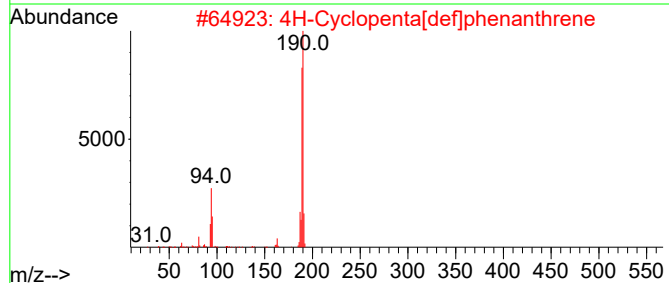
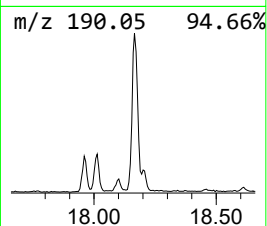
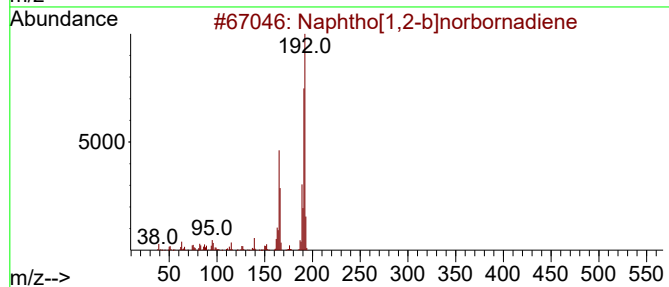
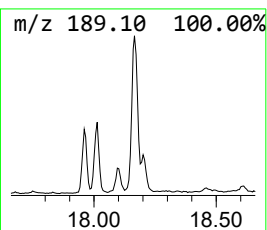
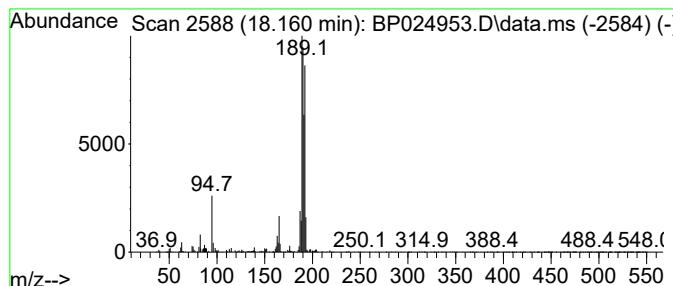
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphtho[1,2-b]norbornadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.160	5.45 ng	903102	Phenanthrene-d10		17.060	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]norbornadiene		192	C15H12	1000210-14-8	59
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	53
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	46
4	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	42
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024953.D
Acq On : 13 Jun 2025 20:58
Operator : RC/JU
Sample : Q2308-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-02-06122025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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
Decane	7.231	4.1	ng	370871	1	7.607	1794310	20.0
Benzene, 2-ethy...	8.243	4.4	ng	395587	1	7.607	1794310	20.0
Benzene, 1-meth...	8.943	4.6	ng	414678	1	7.607	1794310	20.0
Benzene, 1,2,4,...	9.278	5.0	ng	462661	2	10.384	1851000	20.0
Benzene, 1-ethy...	9.796	7.5	ng	696266	2	10.384	1851000	20.0
Undecane, 3,6-d...	10.537	5.1	ng	474338	2	10.384	1851000	20.0
Cyclohexane, 2-...	10.860	4.9	ng	454992	2	10.384	1851000	20.0
Dodecane, 2-met...	11.290	5.8	ng	537609	2	10.384	1851000	20.0
Dodecane, 4,6-d...	11.401	8.9	ng	825052	2	10.384	1851000	20.0
Naphthalene, 1,...	11.572	5.0	ng	467266	2	10.384	1851000	20.0
Tridecane	11.801	22.0	ng	2035410	2	10.384	1851000	20.0
Naphthalene, 1,...	12.019	5.6	ng	516858	2	10.384	1851000	20.0
Naphthalene, 1,...	12.301	5.6	ng	519914	2	10.384	1851000	20.0
Dodecane, 2,6,1...	12.772	5.8	ng	952997	3	14.260	3277670	20.0
Nonadecane	13.066	12.6	ng	2066440	3	14.260	3277670	20.0
Hexadecane	14.160	8.9	ng	1452360	3	14.260	3277670	20.0
Pentadecane	15.125	5.6	ng	919210	3	14.260	3277670	20.0
Tetradecane	16.007	6.4	ng	1064490	4	17.060	3313630	20.0
Phenanthrene, 2...	18.007	5.9	ng	982520	4	17.060	3313630	20.0
Naphtho[1,2-b]n...	18.160	5.5	ng	903102	4	17.060	3313630	20.0