

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049924.D
 Acq On : 14 Apr 2025 21:43
 Operator : RC/JU
 Sample : Q1783-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-41125

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_M\Methods\8270-BM040825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049924.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.363	396	404	410	rBV	592918	938181	8.62%	0.365%
2	5.799	471	478	485	rVB3	465126	743657	6.83%	0.289%
3	6.946	664	673	679	rVV4	635718	1635933	15.03%	0.637%
4	7.404	746	751	759	rBV2	1388195	2330094	21.41%	0.907%
5	7.769	805	813	818	rBV2	1659747	2995223	27.52%	1.165%
6	8.316	900	906	912	rVB2	545773	1127520	10.36%	0.439%
7	8.416	918	923	925	rBV	648202	990362	9.10%	0.385%
8	8.545	939	945	948	rBV	533248	848960	7.80%	0.330%
9	8.881	992	1002	1006	rBV2	866134	1744151	16.03%	0.679%
10	9.004	1018	1023	1028	rVB	2506999	3719984	34.18%	1.447%
11	9.134	1033	1045	1051	rBV7	655292	1851939	17.02%	0.721%
12	9.463	1097	1101	1103	rVV	486656	778554	7.15%	0.303%
13	9.492	1103	1106	1111	rVV2	644168	994575	9.14%	0.387%
14	9.657	1126	1134	1138	rBV2	374252	763607	7.02%	0.297%
15	9.704	1138	1142	1146	rVV2	624807	1064688	9.78%	0.414%
16	9.757	1146	1151	1158	rVV3	678931	1689519	15.52%	0.657%
17	9.828	1158	1163	1165	rVV2	566795	1064198	9.78%	0.414%
18	9.851	1165	1167	1172	rVB2	688781	929187	8.54%	0.362%
19	9.922	1174	1179	1183	rVV2	880689	1425923	13.10%	0.555%
20	9.969	1183	1187	1190	rVV2	902595	1561914	14.35%	0.608%
21	10.004	1190	1193	1196	rVV2	806292	1308174	12.02%	0.509%
22	10.039	1196	1199	1204	rVV2	564790	840301	7.72%	0.327%
23	10.104	1205	1210	1215	rVV2	617421	1136148	10.44%	0.442%
24	10.157	1215	1219	1223	rVV3	436558	826984	7.60%	0.322%
25	10.204	1223	1227	1233	rVB	799003	1271077	11.68%	0.495%
26	10.481	1269	1274	1278	rVV4	529084	1270367	11.67%	0.494%
27	10.551	1278	1286	1294	rVV2	4860088	10730020	98.60%	4.175%
28	10.616	1294	1297	1305	rVV6	601405	1795182	16.50%	0.698%
29	10.686	1305	1309	1314	rVV3	704794	1518112	13.95%	0.591%
30	10.739	1314	1318	1323	rVV	1307925	2018168	18.54%	0.785%
31	10.792	1323	1327	1335	rVV5	490579	1156570	10.63%	0.450%
32	11.033	1364	1368	1371	rBV	576806	789953	7.26%	0.307%
33	11.275	1405	1409	1416	rVB5	701384	1408379	12.94%	0.548%
34	11.339	1416	1420	1426	rVB2	573264	1059527	9.74%	0.412%
35	11.410	1427	1432	1438	rBV3	1019438	1704626	15.66%	0.663%
36	11.486	1439	1445	1452	rBV3	1230938	2445310	22.47%	0.951%

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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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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.598	1459	1464	1469	rBV2	1649466	3084831	28.35%	1.200%
38	11.681	1474	1478	1484	rVB2	477608	863515	7.93%	0.336%
39	11.763	1486	1492	1500	rVB2	1813128	3040657	27.94%	1.183%
40	11.998	1523	1532	1542	rBV	4576462	8002873	73.54%	3.114%
41	12.122	1549	1553	1559	rVB2	880380	1529339	14.05%	0.595%
42	12.228	1563	1571	1579	rVB6	941181	2460730	22.61%	0.957%
43	12.445	1603	1608	1611	rBV3	480924	859393	7.90%	0.334%
44	12.486	1611	1615	1620	rVV2	1879933	3120435	28.67%	1.214%
45	12.633	1637	1640	1644	rVV2	765221	1102670	10.13%	0.429%
46	12.680	1644	1648	1655	rVV3	670844	1443145	13.26%	0.561%
47	12.745	1655	1659	1662	rVV3	917818	1302216	11.97%	0.507%
48	12.816	1666	1671	1676	rVB2	859602	1589342	14.60%	0.618%
49	12.904	1681	1686	1691	rBV4	1125331	1944443	17.87%	0.757%
50	12.963	1691	1696	1700	rVB3	2230905	3024021	27.79%	1.177%
51	13.033	1705	1708	1712	rVB	631837	738208	6.78%	0.287%
52	13.198	1729	1736	1739	rBV5	461716	1029730	9.46%	0.401%
53	13.251	1739	1745	1752	rVB	5943154	9078934	83.43%	3.532%
54	13.357	1757	1763	1768	rVV2	1280178	2855992	26.24%	1.111%
55	13.410	1769	1772	1776	rVB4	818509	1079413	9.92%	0.420%
56	13.575	1795	1800	1807	rBV7	669795	1484842	13.64%	0.578%
57	13.692	1816	1820	1824	rBV5	655422	1307851	12.02%	0.509%
58	13.786	1831	1836	1839	rVB6	760711	1201043	11.04%	0.467%
59	13.880	1848	1852	1854	rBV2	1154250	1545311	14.20%	0.601%
60	13.910	1854	1857	1860	rVV2	2325116	3153706	28.98%	1.227%
61	13.945	1860	1863	1869	rVB3	1253379	1754678	16.12%	0.683%
62	14.027	1874	1877	1880	rVB	767449	932345	8.57%	0.363%
63	14.322	1922	1927	1932	rBV	7479448	10007747	91.96%	3.894%
64	14.416	1935	1943	1950	rVV2	2851303	5646876	51.89%	2.197%
65	14.786	1998	2006	2009	rBV6	802425	2042109	18.76%	0.795%
66	14.821	2009	2012	2018	rVB3	1097495	1645098	15.12%	0.640%
67	14.880	2019	2022	2026	rBV2	574298	836663	7.69%	0.326%
68	14.945	2029	2033	2041	rVB4	1664060	2844170	26.13%	1.107%
69	15.010	2041	2044	2047	rBV	640433	836051	7.68%	0.325%
70	15.274	2085	2089	2094	rVB	7764376	9780311	89.87%	3.805%
71	15.374	2103	2106	2115	rVB5	633626	1282977	11.79%	0.499%
72	15.463	2117	2121	2124	rBV3	623547	866753	7.96%	0.337%
73	15.516	2125	2130	2134	rVB5	408284	877308	8.06%	0.341%
74	15.680	2152	2158	2163	rVV	2876182	4880513	44.85%	1.899%
75	15.774	2171	2174	2180	rVB4	1047086	1448036	13.31%	0.563%
76	15.833	2180	2184	2189	rBV2	938728	1630783	14.99%	0.635%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.898	2190	2195	2204	rVB4	1377264	2466155	22.66%	0.960%
78	16.139	2231	2236	2238	rBV	8523916	10882689	100.00%	4.234%
79	16.163	2238	2240	2251	rVB	4484444	5670574	52.11%	2.206%
80	16.474	2290	2293	2297	rBV2	605664	916647	8.42%	0.357%
81	16.927	2366	2370	2375	rBV	7344072	8885215	81.65%	3.457%
82	16.980	2375	2379	2389	rVB	2927423	4971287	45.68%	1.934%
83	17.163	2405	2410	2414	rBV	3111947	4522752	41.56%	1.760%
84	17.204	2414	2417	2420	rVB	1259543	1606088	14.76%	0.625%
85	17.298	2430	2433	2438	rVB2	538479	740985	6.81%	0.288%
86	17.398	2447	2450	2456	rVV	632466	766843	7.05%	0.298%
87	17.462	2458	2461	2468	rVB2	618334	934105	8.58%	0.363%
88	17.586	2479	2482	2491	rVB2	732901	1188802	10.92%	0.463%
89	17.668	2491	2496	2501	rVB	6520879	8104131	74.47%	3.153%
90	18.357	2609	2613	2618	rBV	5669368	6769978	62.21%	2.634%
91	18.821	2689	2692	2697	rBV2	575558	756788	6.95%	0.294%
92	18.992	2717	2721	2728	rVB	4565766	5271766	48.44%	2.051%
93	19.221	2755	2760	2764	rBV	2306087	3250459	29.87%	1.265%
94	19.574	2815	2820	2830	rVB2	3993717	6447749	59.25%	2.509%
95	19.780	2852	2855	2860	rVB	1366461	1709996	15.71%	0.665%
96	20.103	2907	2910	2914	rVB	2076019	2224131	20.44%	0.865%
97	20.598	2991	2994	2998	rBV	1266849	1239009	11.39%	0.482%
98	21.080	3073	3076	3085	rVB3	739462	969191	8.91%	0.377%
99	21.398	3123	3130	3134	rBV2	3464236	6253270	57.46%	2.433%
100	24.397	3634	3640	3658	rVB	2120587	5836929	53.63%	2.271%

Sum of corrected areas: 257017664

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SU-03-41125

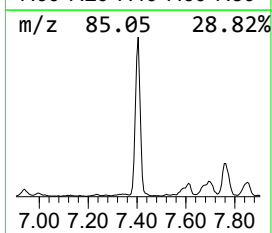
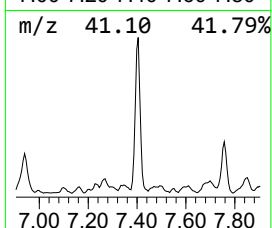
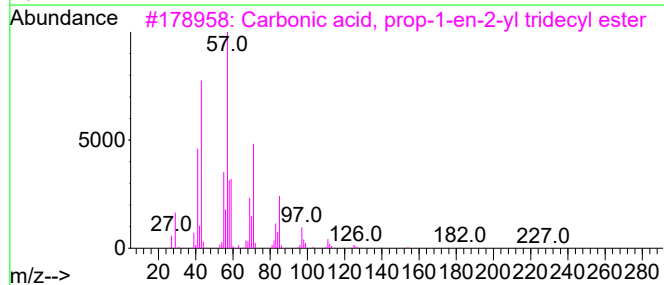
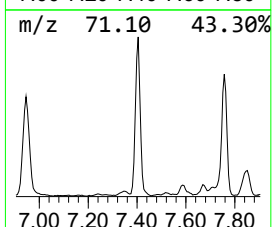
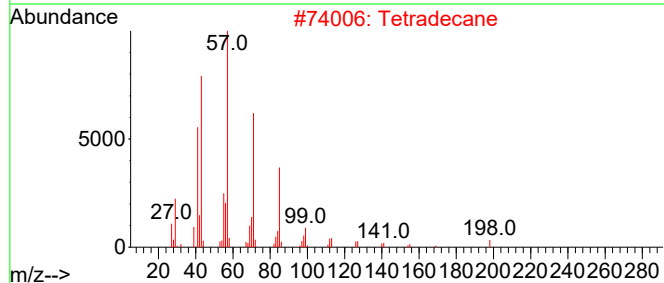
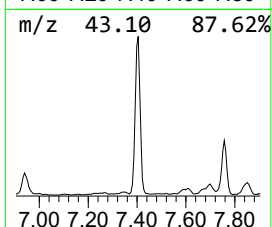
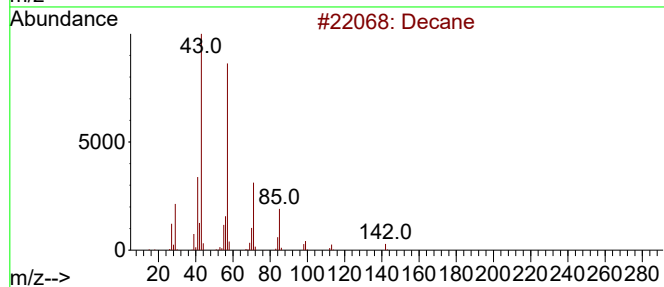
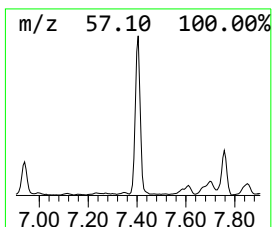
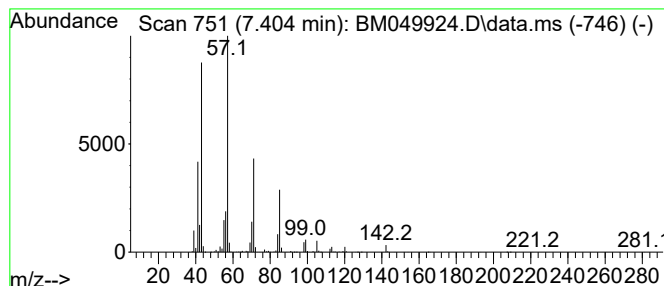
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.404	15.56 ng	2330090	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Tetradecane	198	C14H30	000629-59-4	90
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83
4			Nonane	128	C9H20	000111-84-2	80
5			Hexatriacontane	507	C36H74	000630-06-8	78



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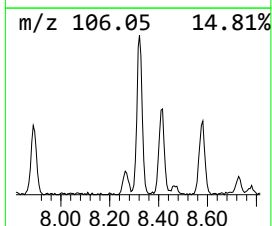
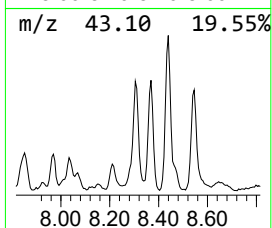
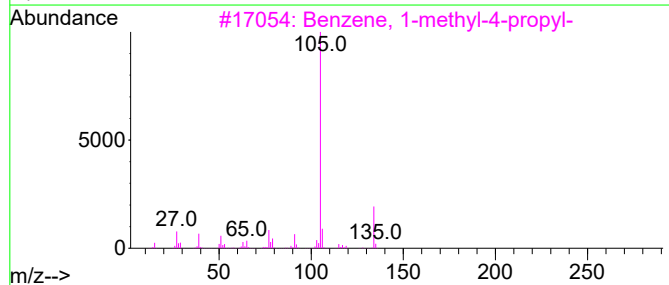
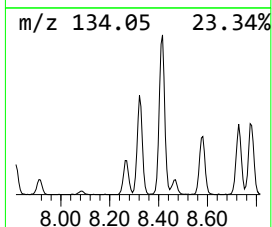
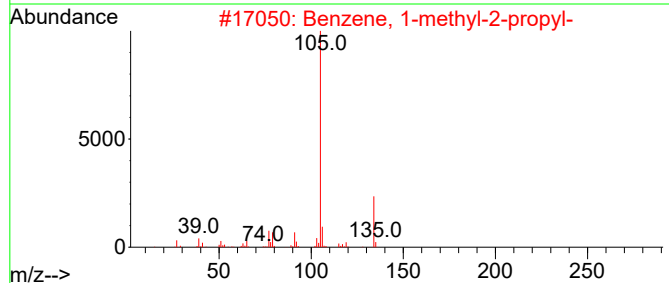
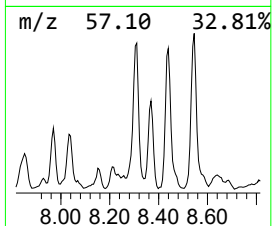
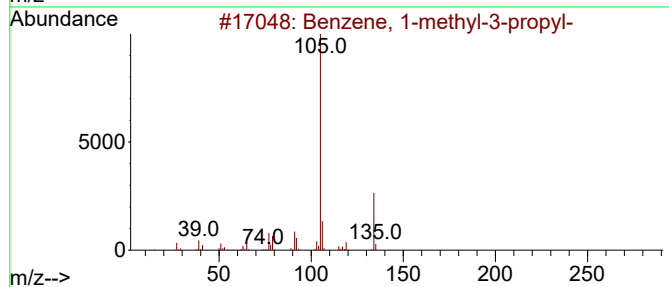
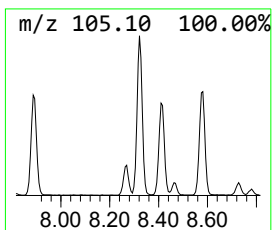
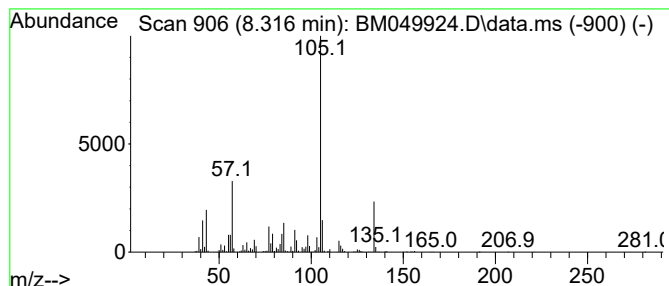
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.316	7.53 ng	1127520	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	68
4			2-Tolyloxirane	134	C9H10O	002783-26-8	68
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	58



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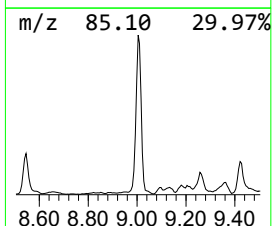
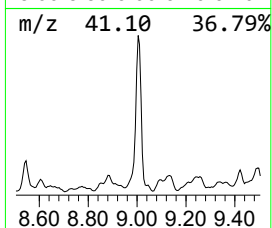
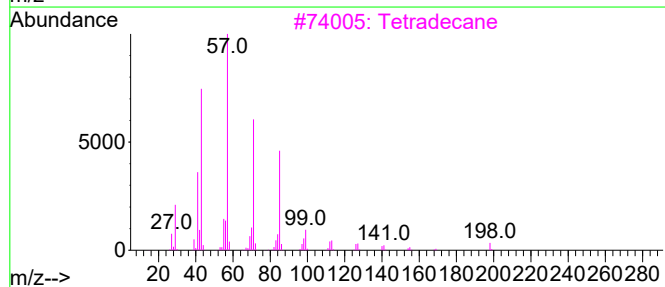
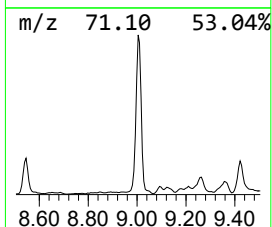
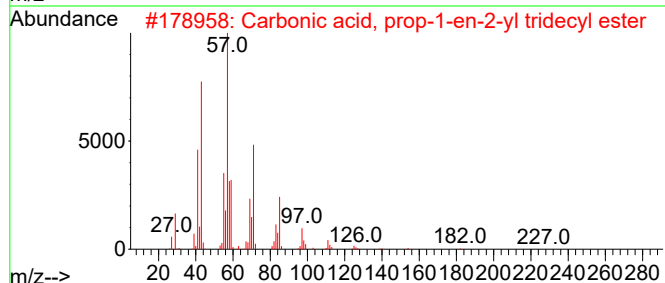
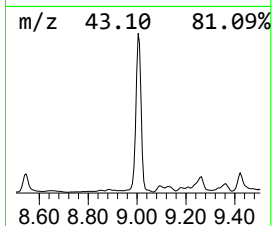
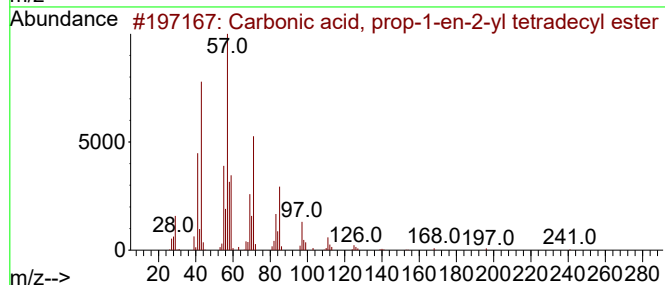
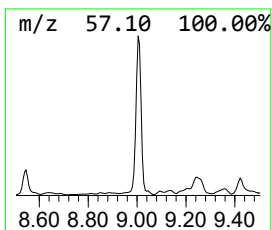
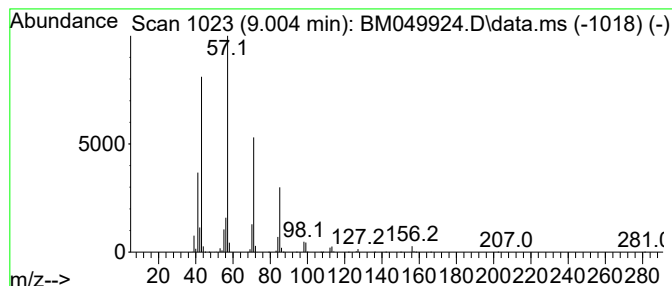
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Carbonic acid, prop-1-en-2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.004	24.84 ng	3719980	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	90
2			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Hexadecane	226	C16H34	000544-76-3	86
5			Undecane	156	C11H24	001120-21-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
Acq On : 14 Apr 2025 21:43
Operator : RC/JU
Sample : Q1783-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-41125

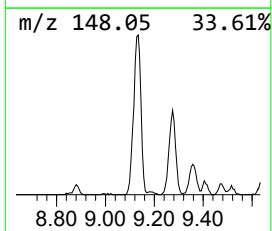
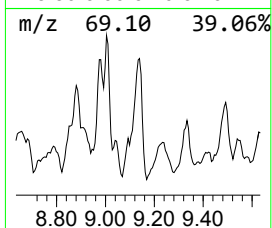
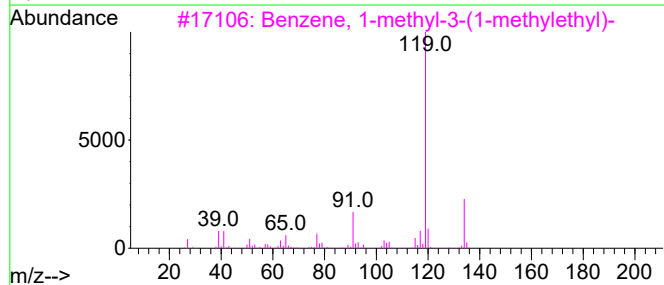
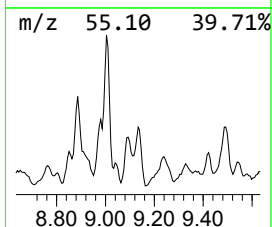
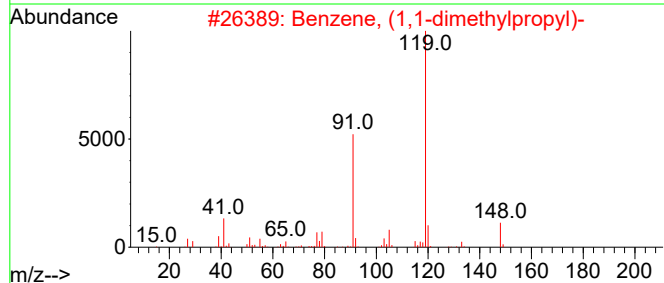
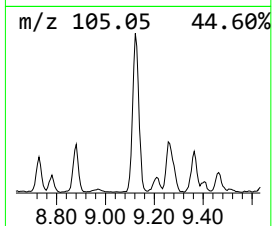
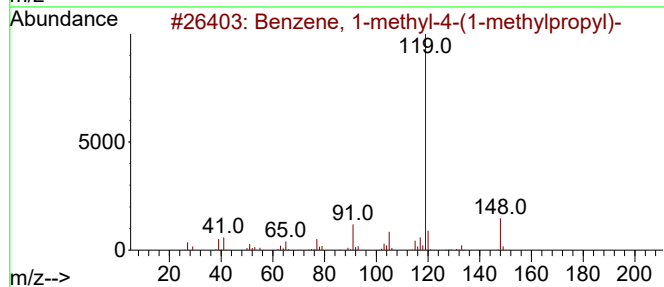
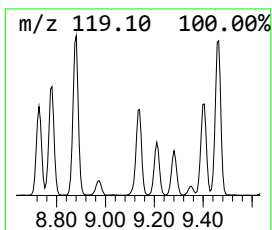
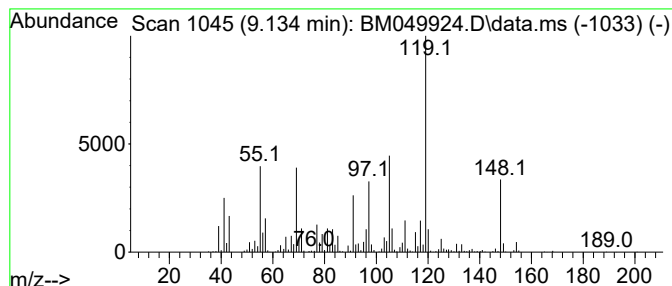
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.134	12.37 ng	1851940	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
4			o-Cymene	134	C10H14	000527-84-4	55
5			p-Cymene	134	C10H14	000099-87-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
Acq On : 14 Apr 2025 21:43
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Sample : Q1783-01 5X
Misc :
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Instrument :
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ClientSampleId :
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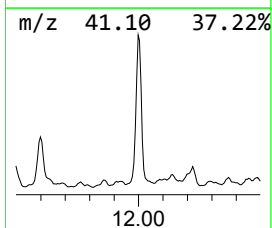
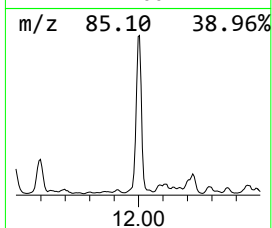
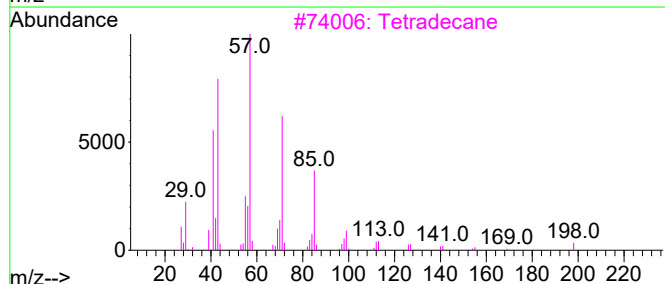
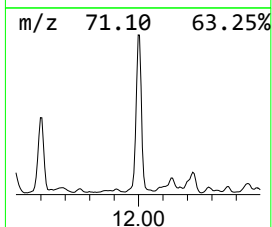
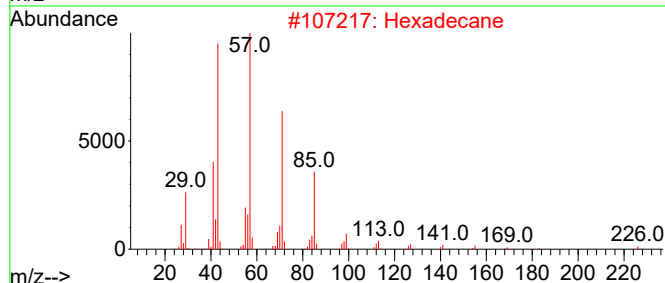
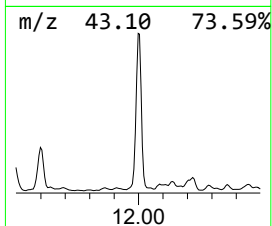
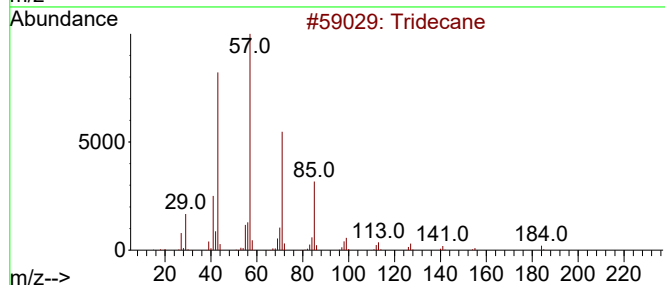
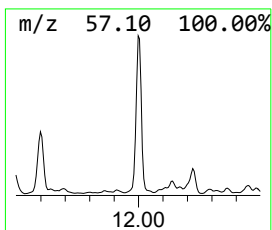
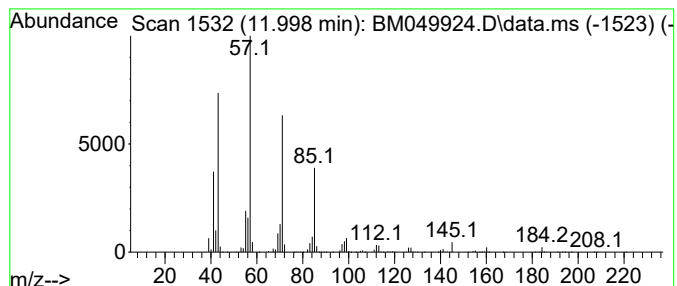
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	14.92 ng	8002870	Naphthalene-d8	10.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Hexadecane	226	C16H34	000544-76-3	87
3			Tetradecane	198	C14H30	000629-59-4	86
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
Acq On : 14 Apr 2025 21:43
Operator : RC/JU
Sample : Q1783-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

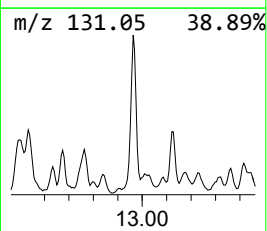
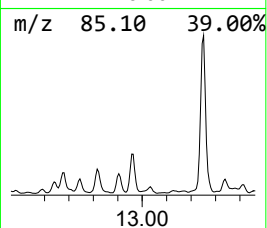
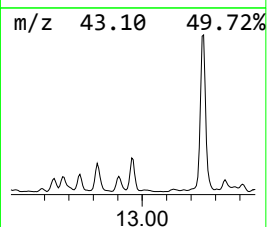
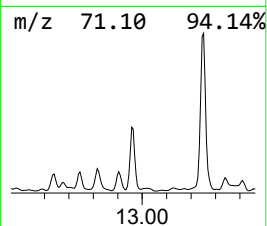
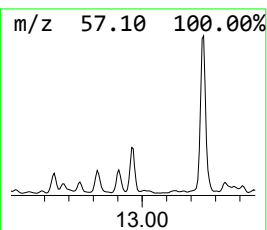
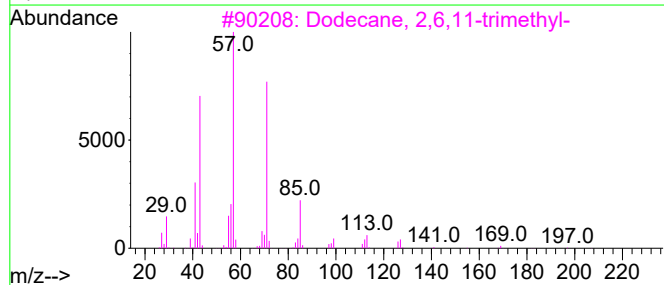
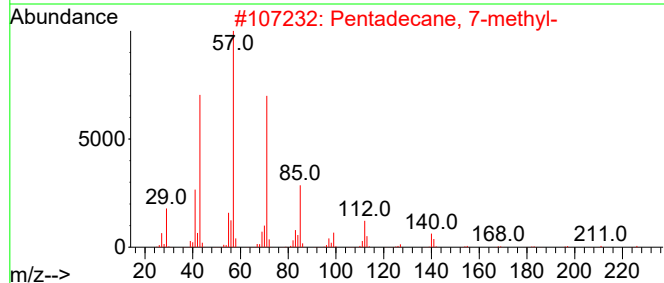
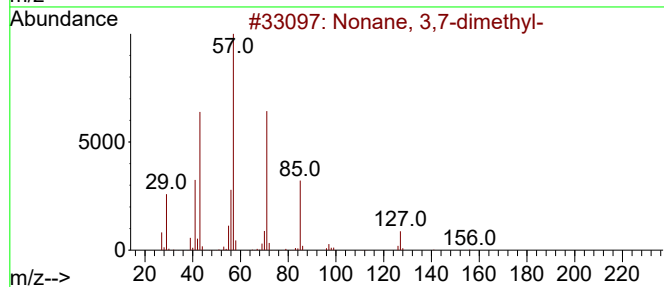
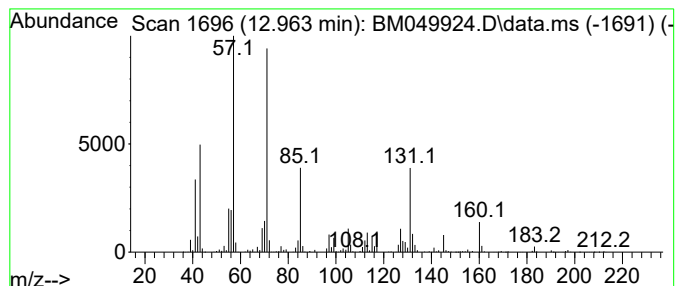
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.963	10.71 ng	3024020	Acenaphthene-d10		14.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	53
2	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	52
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	52
4	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	52
5	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
Acq On : 14 Apr 2025 21:43
Operator : RC/JU
Sample : Q1783-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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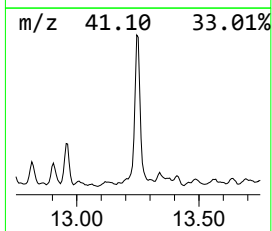
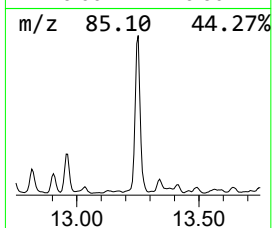
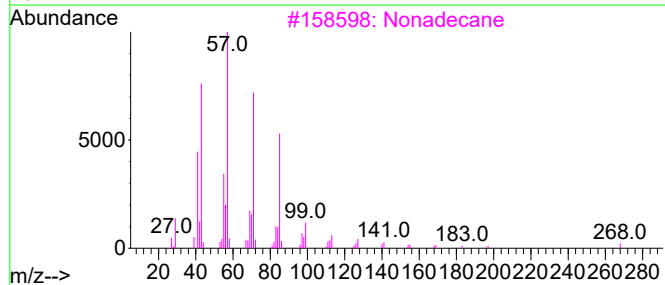
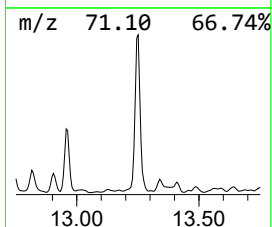
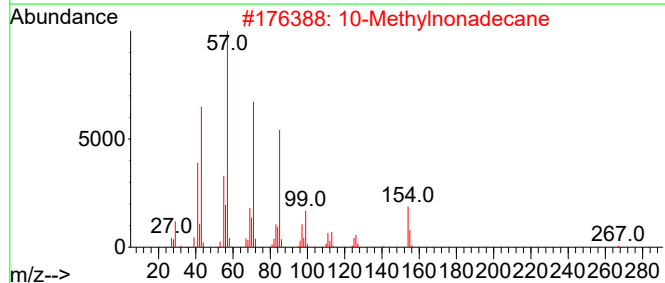
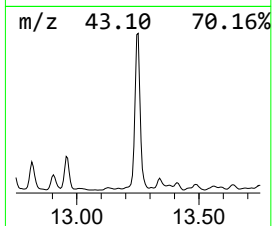
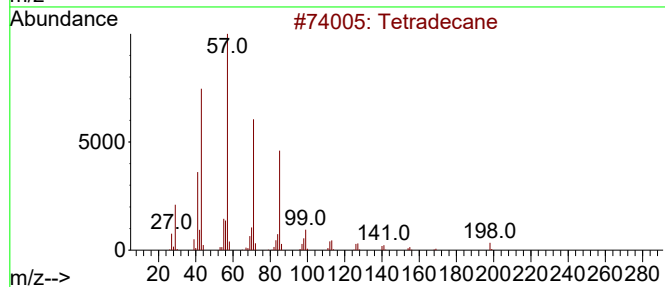
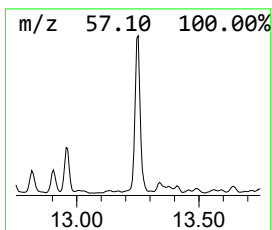
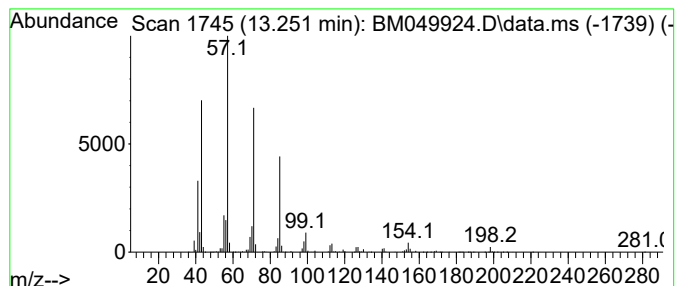
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	32.16 ng	9078930	Acenaphthene-d10	14.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			10-Methylnonadecane	282	C20H42	056862-62-5	90
3			Nonadecane	268	C19H40	000629-92-5	90
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
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Sample : Q1783-01 5X
Misc :
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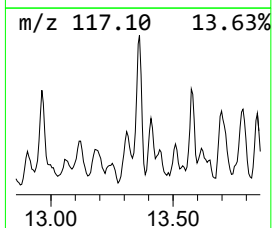
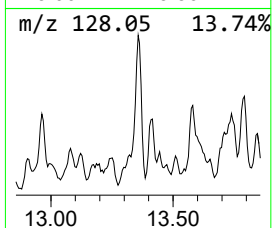
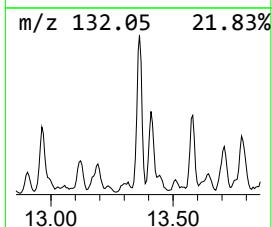
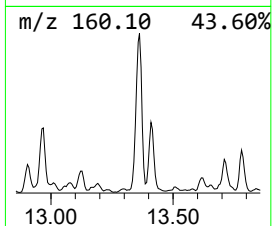
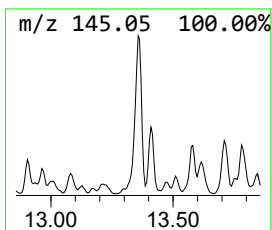
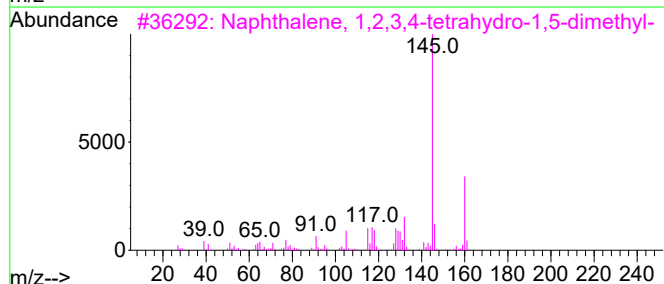
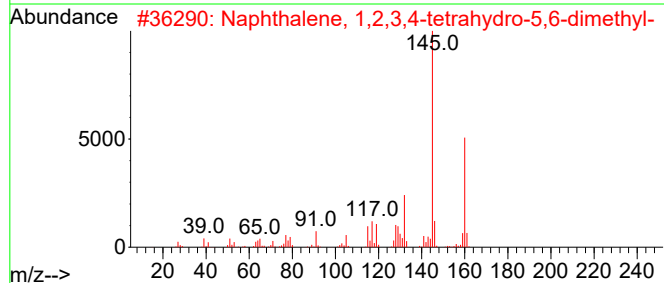
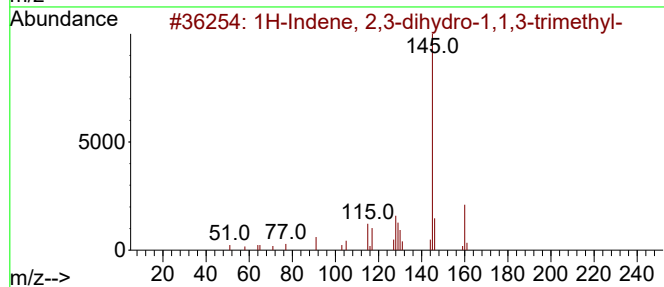
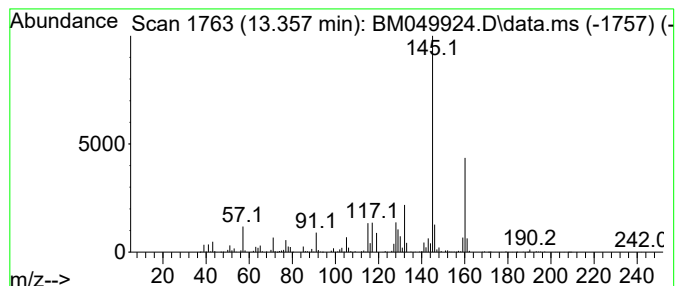
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.357	10.12 ng	2855990	Acenaphthene-d10	14.416	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	94
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
Acq On : 14 Apr 2025 21:43
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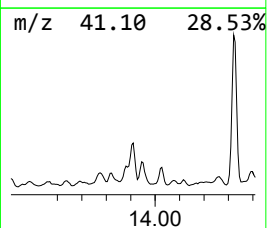
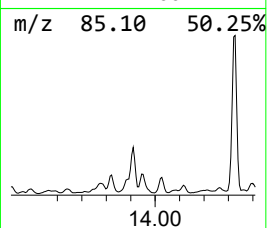
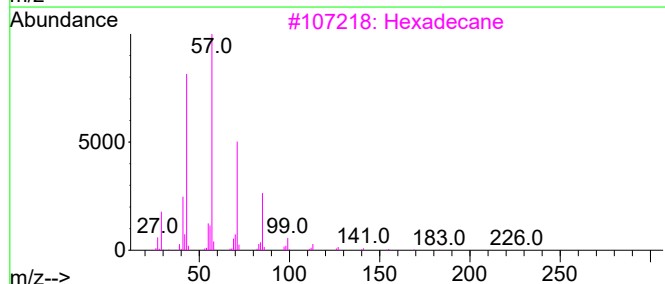
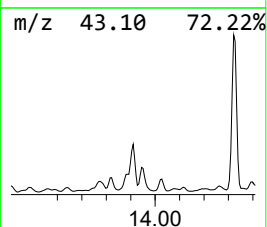
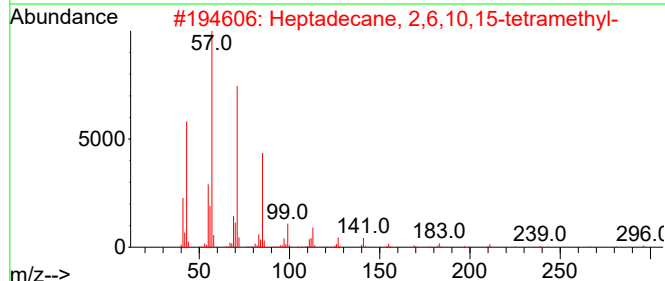
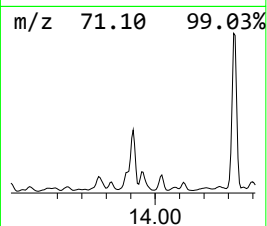
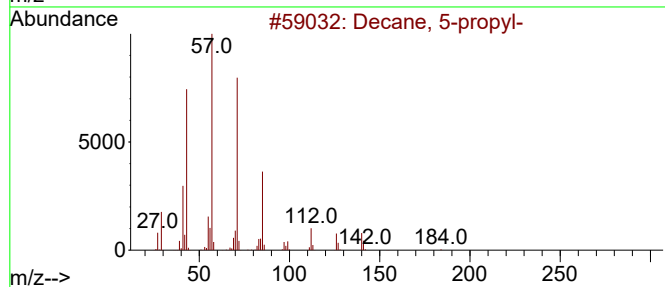
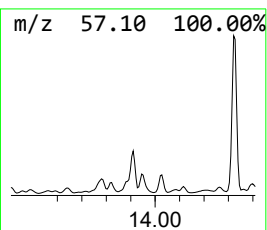
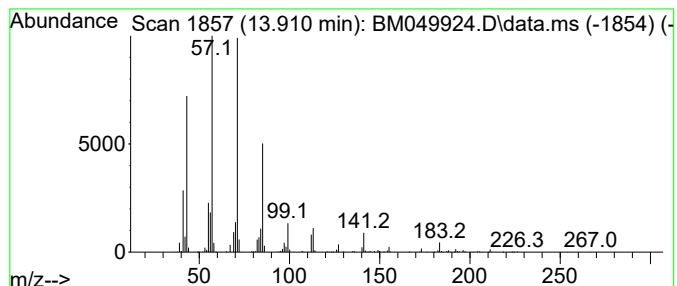
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 5-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	11.17 ng	3153710	Acenaphthene-d10	14.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 5-propyl-	184	C13H28	017312-62-8	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Hexadecane	226	C16H34	000544-76-3	81
4		Decane, 2-methyl-	156	C11H24	006975-98-0	80
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
Acq On : 14 Apr 2025 21:43
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ClientSampleId :
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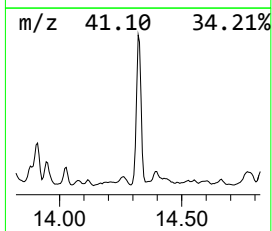
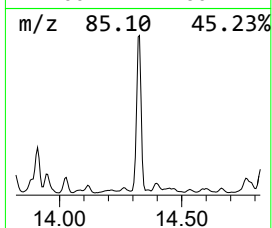
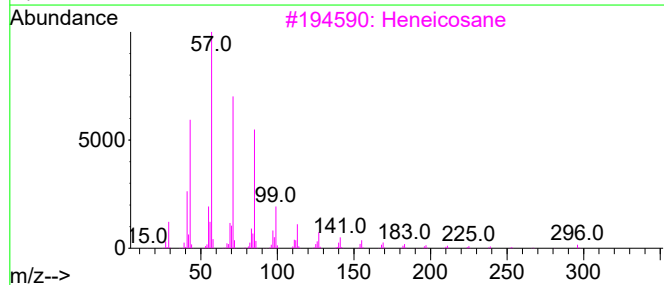
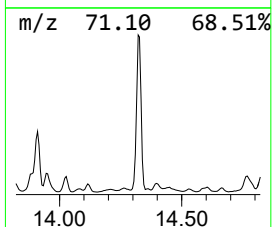
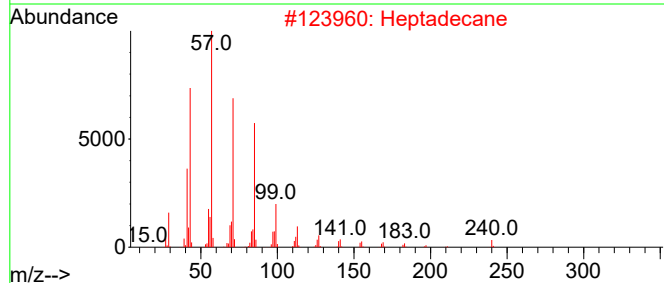
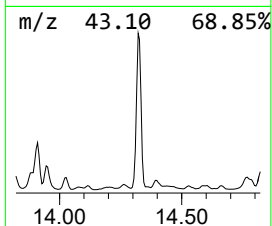
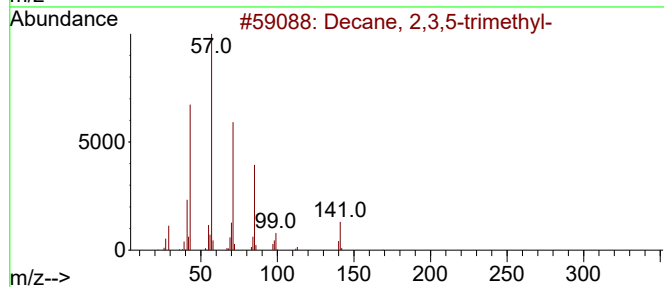
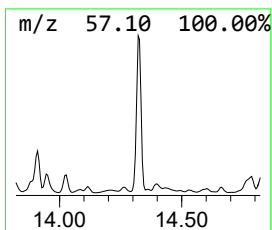
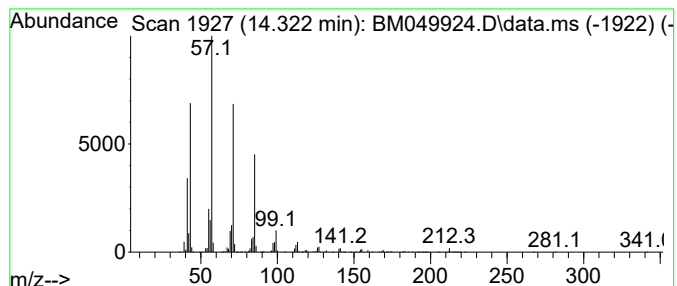
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 2,3,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	35.45 ng	10007700	Acenaphthene-d10	14.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetradecane	198	C14H30	000629-59-4	87
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
Acq On : 14 Apr 2025 21:43
Operator : RC/JU
Sample : Q1783-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

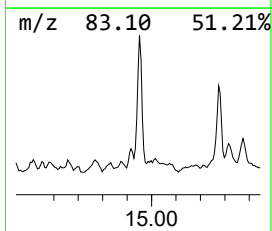
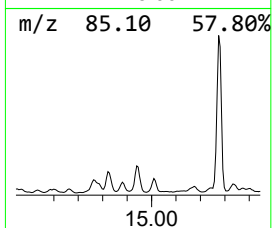
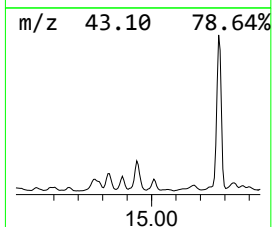
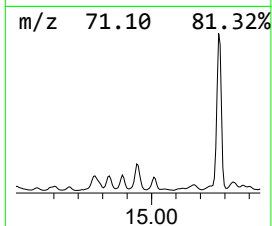
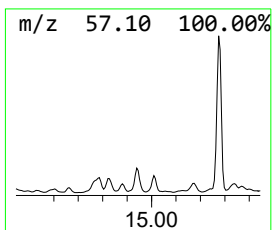
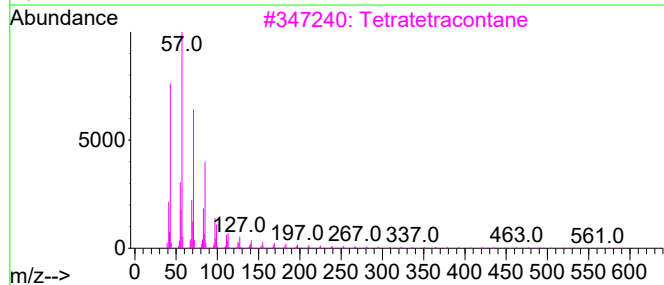
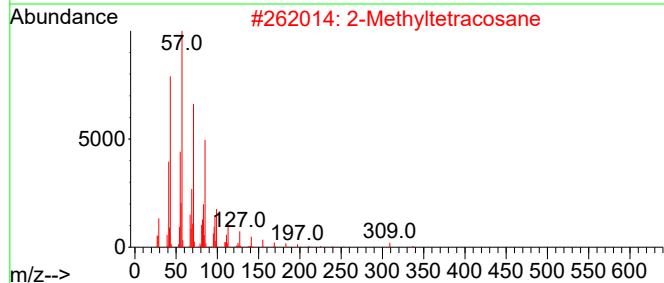
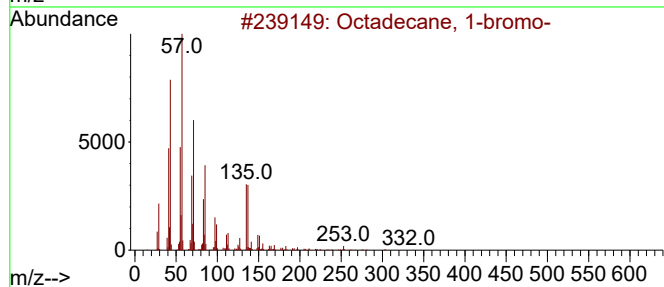
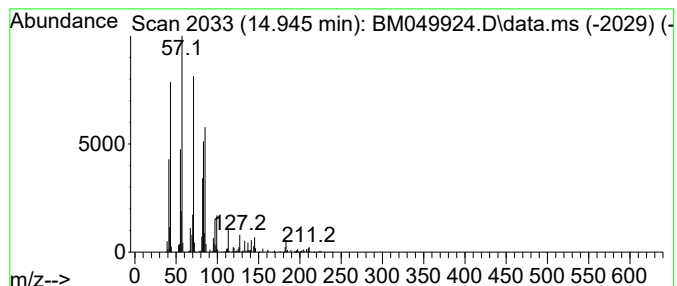
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane, 1-bromo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.945	10.07 ng	2844170	Acenaphthene-d10		14.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane, 1-bromo-		332	C18H37Br	000112-89-0	72
2	2-Methyltetracosane		352	C25H52	001560-78-7	72
3	Tetratetracontane		619	C44H90	007098-22-8	64
4	Octacosane		394	C28H58	000630-02-4	64
5	10-Methylnonadecane		282	C20H42	056862-62-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
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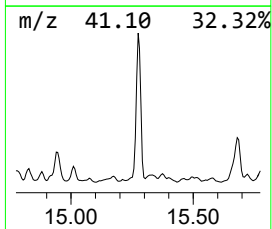
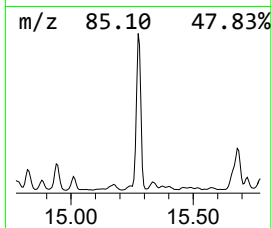
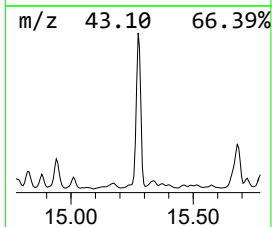
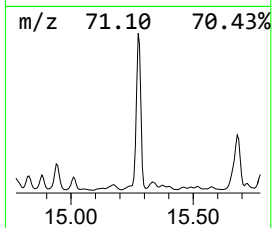
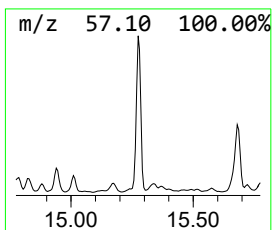
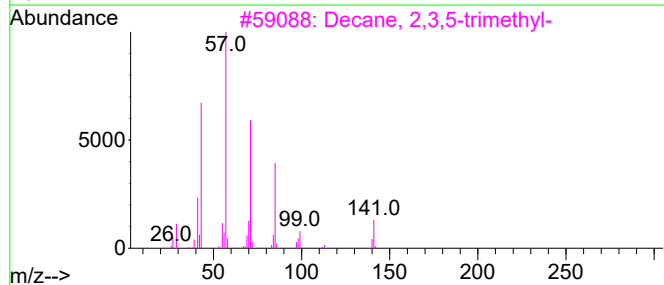
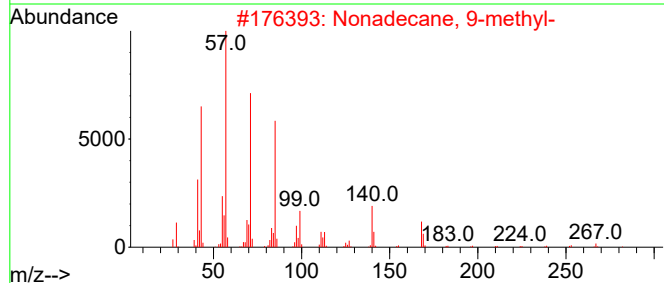
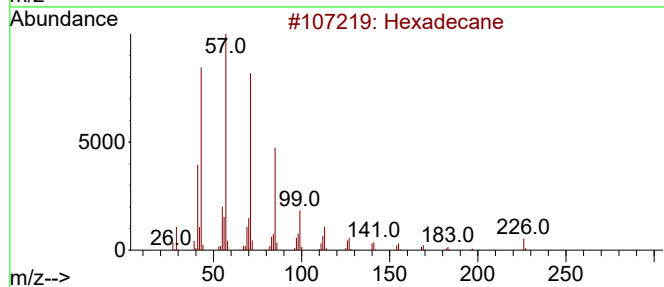
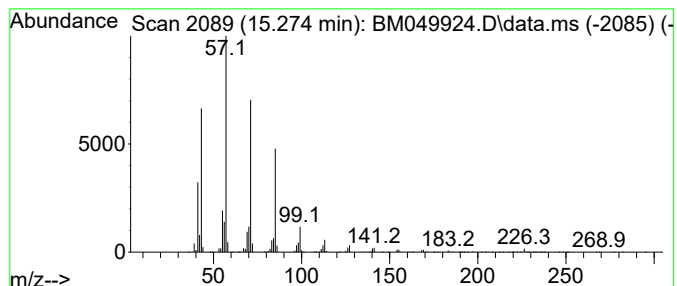
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.274	34.64 ng	9780310	Acenaphthene-d10	14.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	95
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
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Sample : Q1783-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

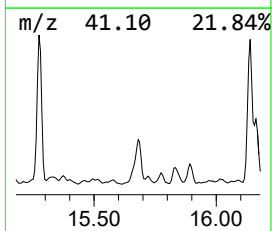
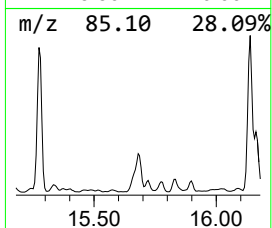
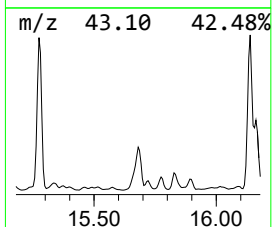
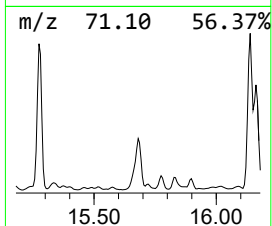
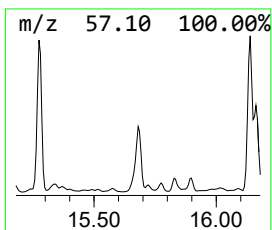
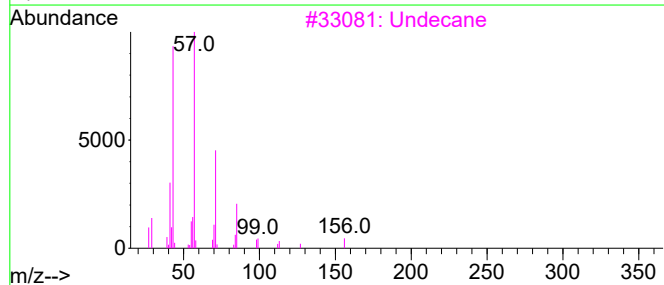
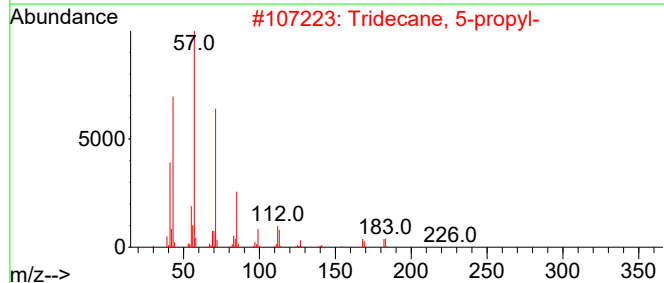
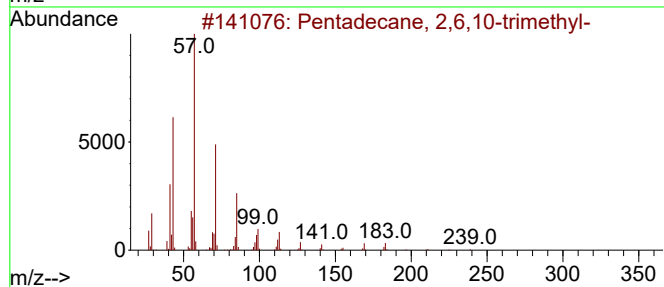
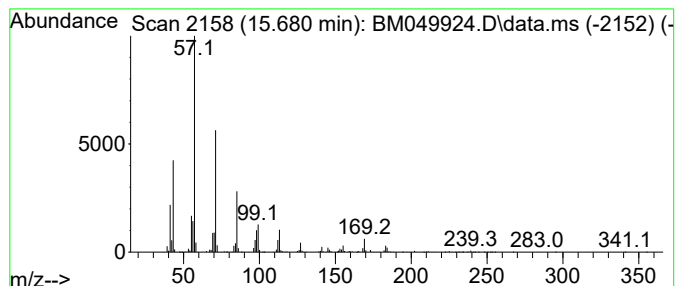
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.680	17.29 ng	4880510	Acenaphthene-d10		14.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	94
2	Tridecane, 5-propyl-		226	C16H34	055045-11-9	87
3	Undecane		156	C11H24	001120-21-4	87
4	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	80
5	Heptacosane		380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
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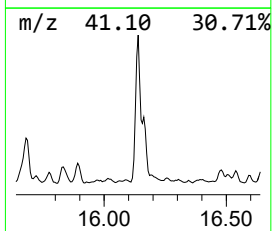
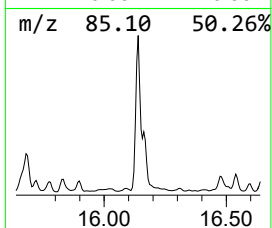
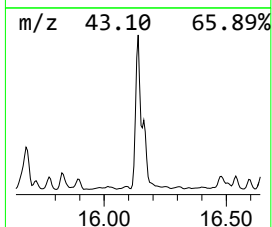
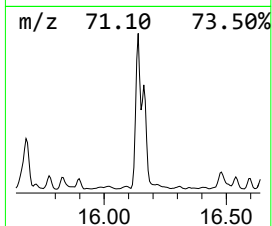
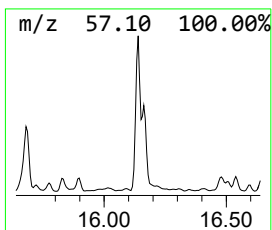
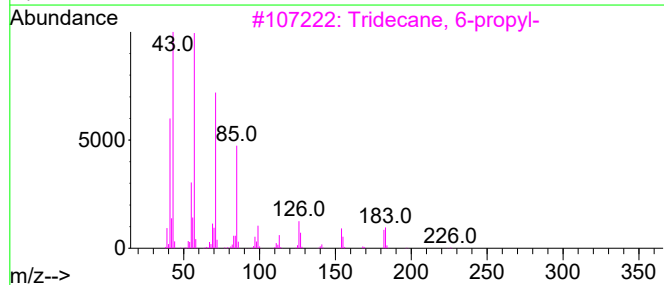
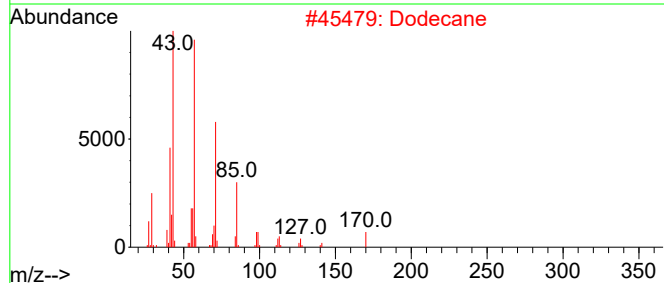
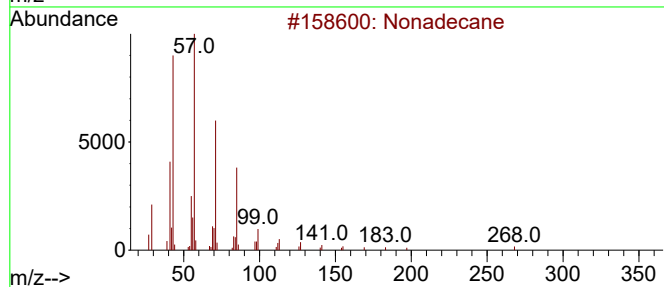
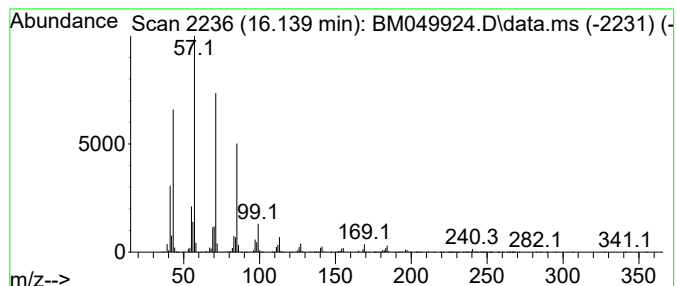
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	48.12 ng	10882700	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Dodecane	170	C12H26	000112-40-3	90
3			Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
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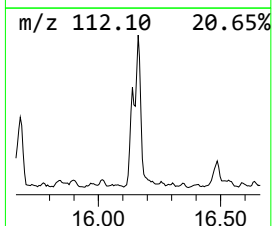
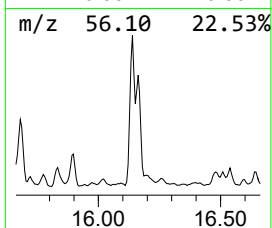
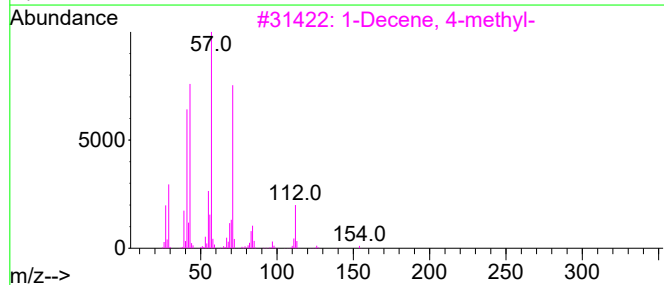
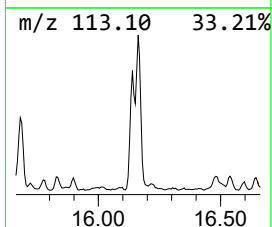
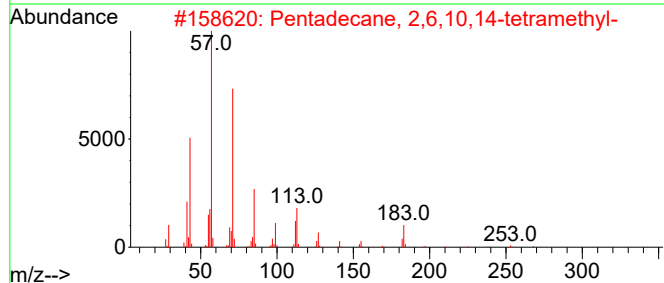
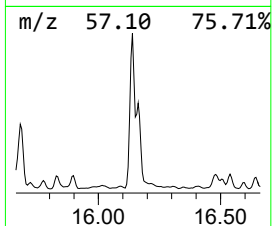
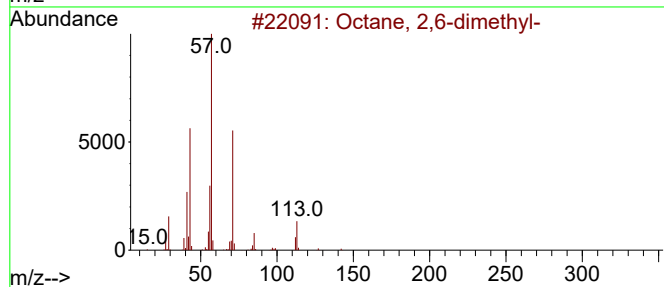
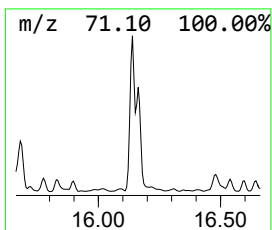
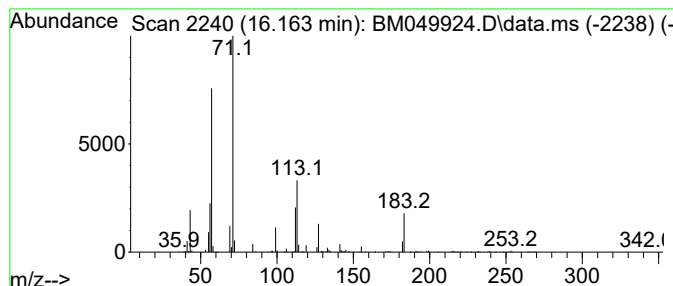
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	25.08 ng	5670570	Phenanthrene-d10	17.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	56
3		1-Decene, 4-methyl-	154	C11H22	013151-29-6	50
4		Octane, 2-bromo-	192	C8H17Br	000557-35-7	50
5		Isobutyl pentan-2-yl carbonate	188	C10H20O3	1010372-76-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
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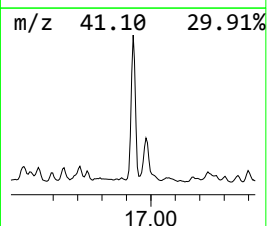
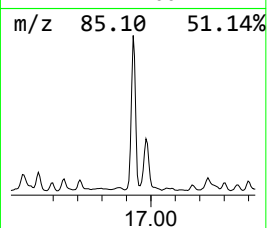
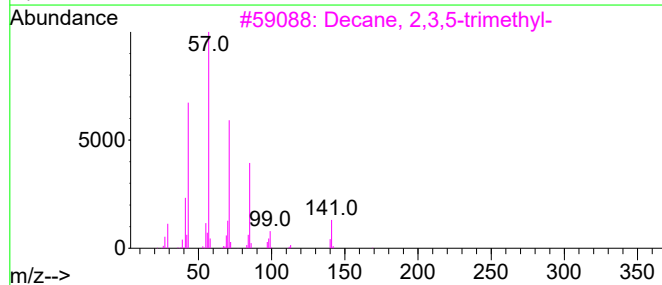
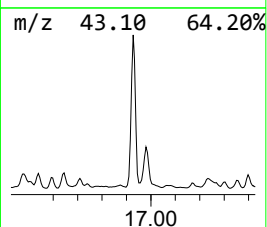
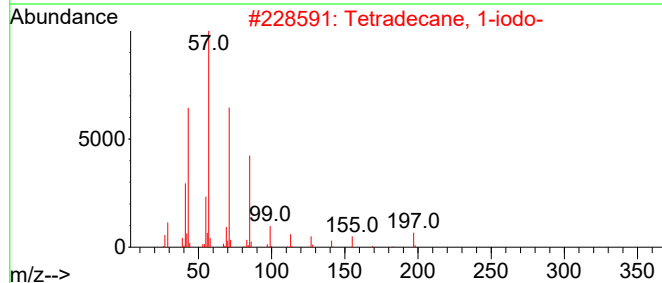
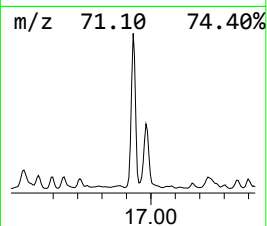
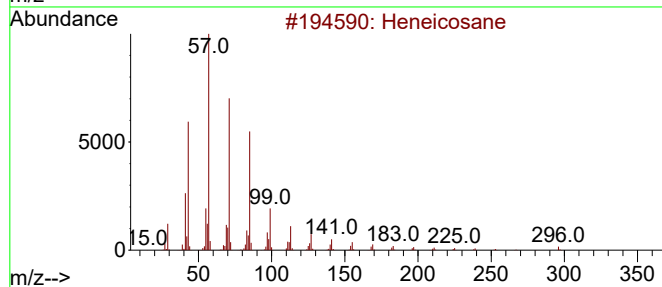
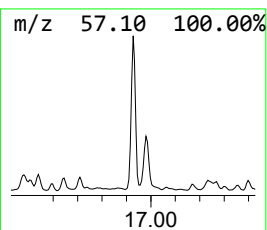
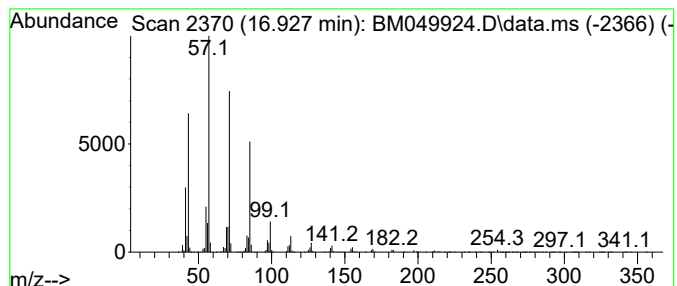
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.927	39.29 ng	8885220	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
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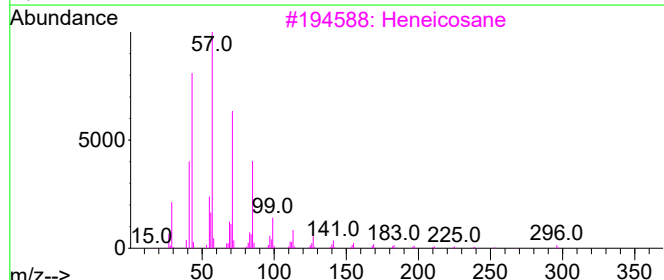
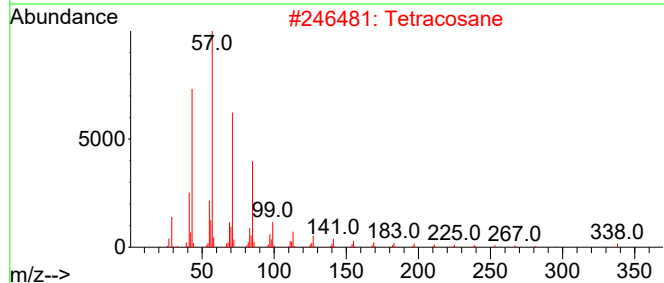
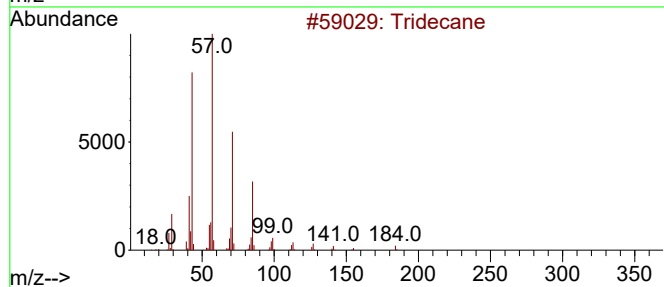
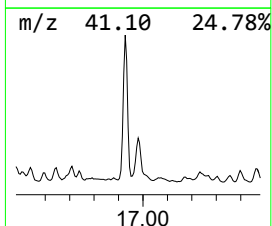
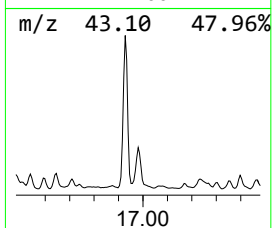
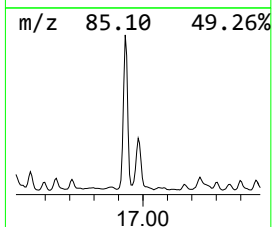
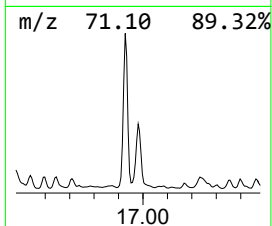
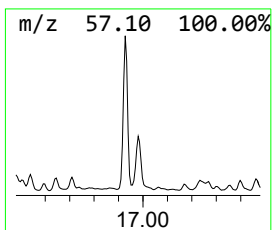
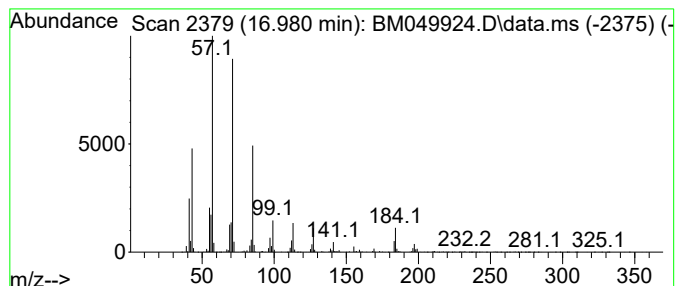
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.980	21.98 ng	4971290	Phenanthrene-d10		17.163	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Tetracosane		338	C24H50	000646-31-1	86
3	Heneicosane		296	C21H44	000629-94-7	86
4	Hexadecane		226	C16H34	000544-76-3	83
5	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
Acq On : 14 Apr 2025 21:43
Operator : RC/JU
Sample : Q1783-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-41125

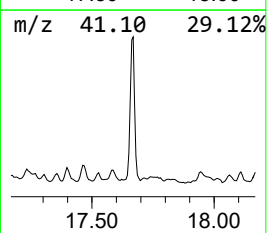
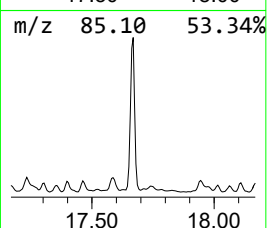
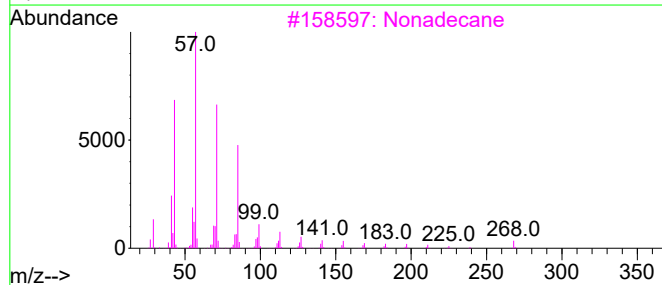
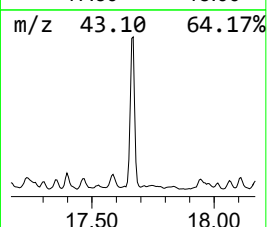
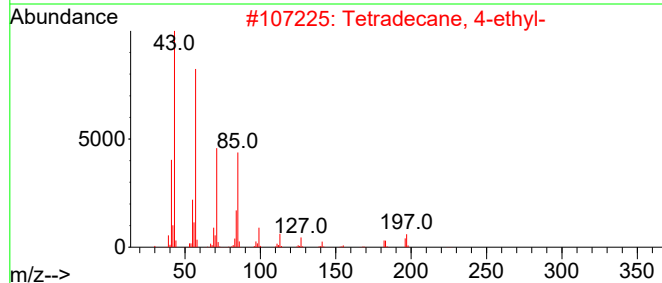
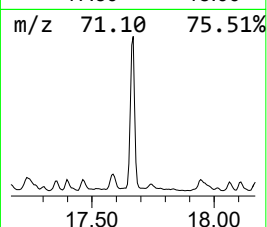
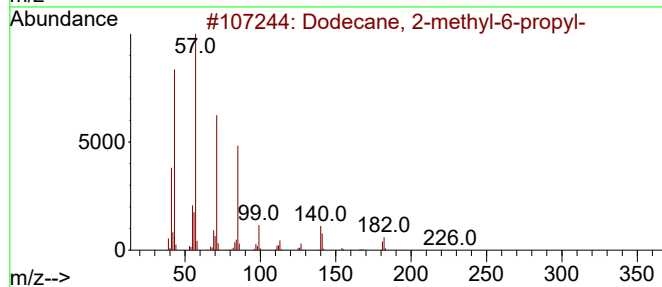
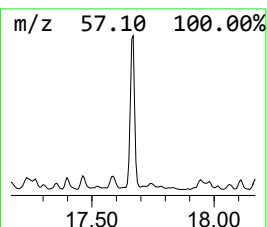
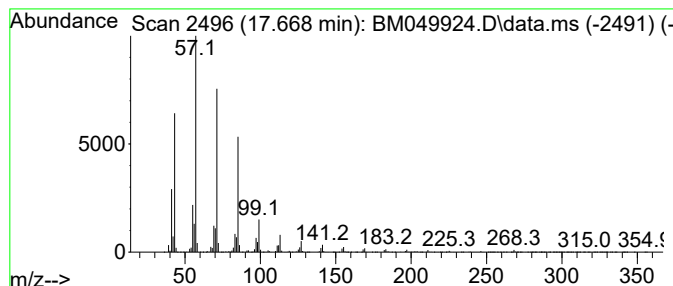
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.668	35.84 ng	8104130	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
Acq On : 14 Apr 2025 21:43
Operator : RC/JU
Sample : Q1783-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

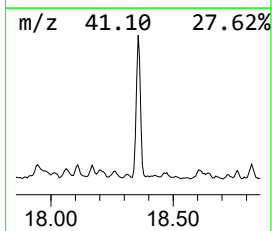
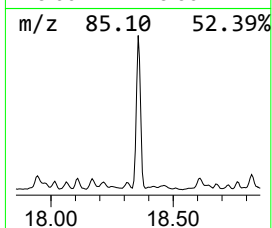
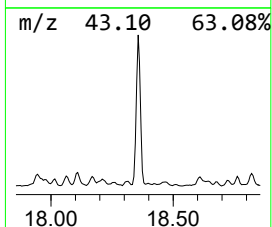
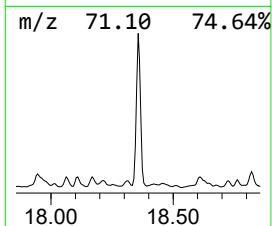
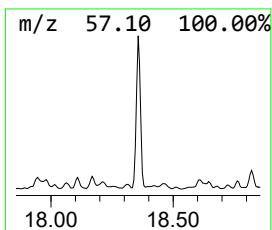
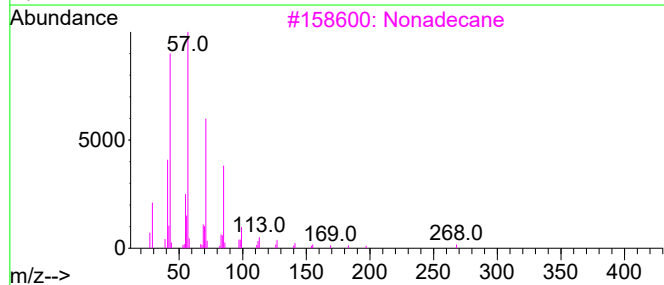
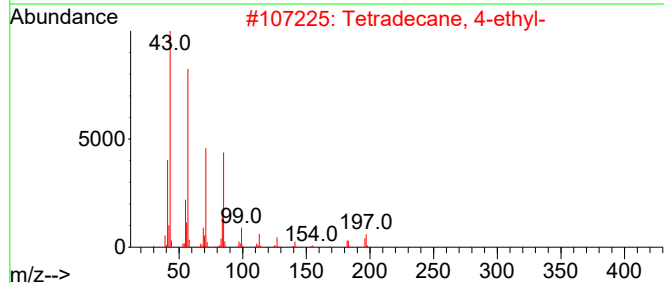
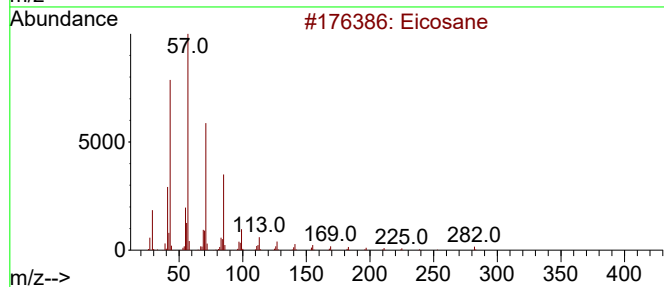
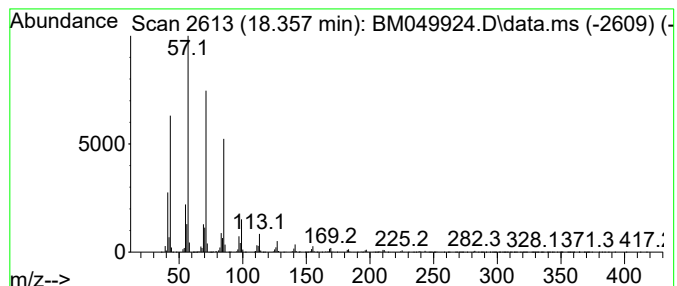
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.357	29.94 ng	6769980	Phenanthrene-d10		17.163	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	91
3	Nonadecane		268	C19H40	000629-92-5	91
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	90
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049924.D
Acq On : 14 Apr 2025 21:43
Operator : RC/JU
Sample : Q1783-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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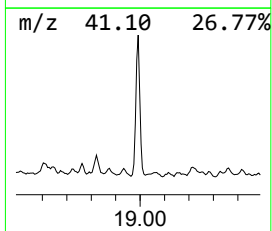
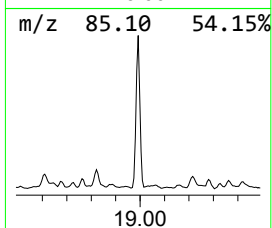
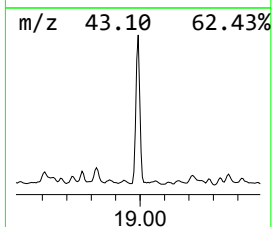
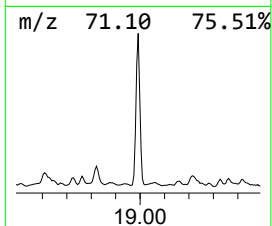
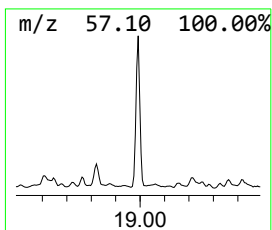
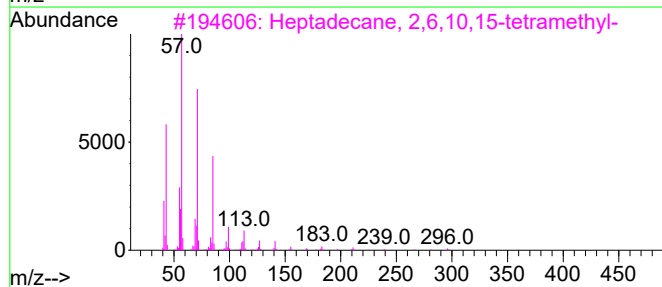
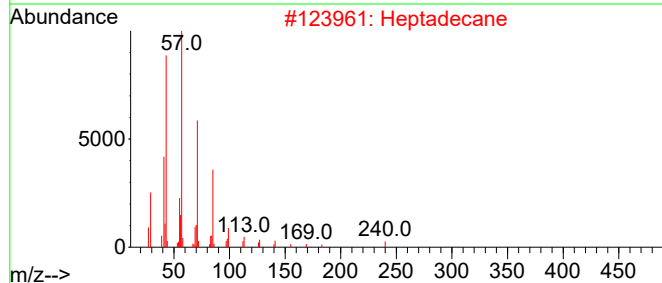
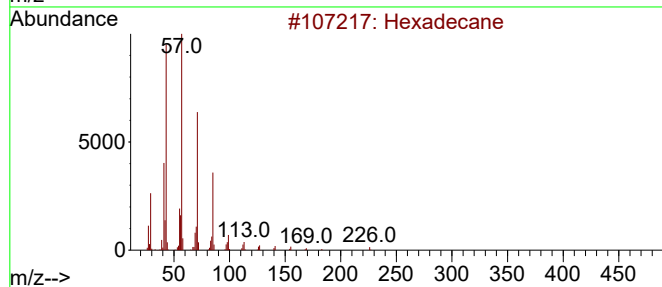
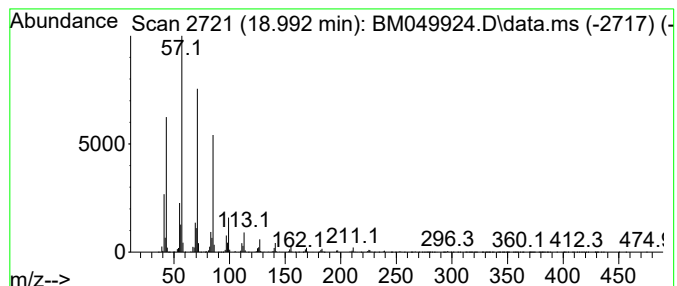
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	23.31 ng	5271770	Phenanthrene-d10	17.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	96
2		Heptadecane	240	C17H36	000629-78-7	95
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
4		Heneicosane	296	C21H44	000629-94-7	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049924.D
 Acq On : 14 Apr 2025 21:43
 Operator : RC/JU
 Sample : Q1783-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	7.404	15.6	ng	2330090	1	7.775	2995220	20.0
Benzene, 1-meth...	8.316	7.5	ng	1127520	1	7.775	2995220	20.0
Carbonic acid, ...	9.004	24.8	ng	3719980	1	7.775	2995220	20.0
Benzene, 1-meth...	9.134	12.4	ng	1851940	1	7.775	2995220	20.0
Tridecane	11.998	14.9	ng	8002870	2	10.569	10730000	20.0
Nonane, 3,7-dim...	12.963	10.7	ng	3024020	3	14.416	5646880	20.0
Tetradecane	13.251	32.2	ng	9078930	3	14.416	5646880	20.0
1H-Indene, 2,3-...	13.357	10.1	ng	2855990	3	14.416	5646880	20.0
Decane, 5-propyl-	13.910	11.2	ng	3153710	3	14.416	5646880	20.0
Decane, 2,3,5-t...	14.322	35.5	ng	10007700	3	14.416	5646880	20.0
Octadecane, 1-b...	14.945	10.1	ng	2844170	3	14.416	5646880	20.0
Hexadecane	15.274	34.6	ng	9780310	3	14.416	5646880	20.0
Pentadecane, 2,...	15.680	17.3	ng	4880510	3	14.416	5646880	20.0
Nonadecane	16.139	48.1	ng	10882700	4	17.163	4522750	20.0
Octane, 2,6-dim...	16.163	25.1	ng	5670570	4	17.163	4522750	20.0
Heneicosane	16.927	39.3	ng	8885220	4	17.163	4522750	20.0
Tetracosane	16.980	22.0	ng	4971290	4	17.163	4522750	20.0
Dodecane, 2-met...	17.668	35.8	ng	8104130	4	17.163	4522750	20.0
Eicosane	18.357	29.9	ng	6769980	4	17.163	4522750	20.0
Heptadecane	18.992	23.3	ng	5271770	4	17.163	4522750	20.0