

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
 Data File : BM034375.D
 Acq On : 24 Mar 2022 22:53
 Operator : CG/JU
 Sample : N2077-03 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-14A-4

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-BM031522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034375.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.560	221	225	233	rVB	573493	883823	6.93%	0.280%
2	4.948	287	291	297	rBV	960256	1525322	11.96%	0.483%
3	5.013	297	302	307	rVV4	556830	999178	7.83%	0.317%
4	5.113	314	319	325	rBV2	1946159	3338422	26.17%	1.058%
5	5.178	325	330	334	rVV	520985	834592	6.54%	0.264%
6	5.278	343	347	351	rVV	1171501	1631487	12.79%	0.517%
7	5.325	351	355	357	rVV	545301	875420	6.86%	0.277%
8	5.354	357	360	369	rVB	1816380	2812073	22.05%	0.891%
9	5.478	376	381	392	rBV3	496117	1406062	11.02%	0.446%
10	5.619	398	405	414	rVB3	663627	1597190	12.52%	0.506%
11	5.731	414	424	430	rBV2	1103240	2051321	16.08%	0.650%
12	5.801	430	436	441	rBV3	1720483	3346019	26.23%	1.060%
13	5.884	445	450	454	rBV	2688320	3816349	29.92%	1.209%
14	5.948	454	461	469	rVB	1989178	3905810	30.62%	1.238%
15	6.025	469	474	484	rBV	1307864	2109458	16.54%	0.668%
16	6.113	484	489	497	rVB2	526594	951819	7.46%	0.302%
17	6.207	497	505	513	rBV6	4056712	9887906	77.52%	3.133%
18	6.331	519	526	532	rVB2	1622926	3923798	30.76%	1.243%
19	6.425	536	542	550	rBV4	4070256	9569640	75.03%	3.033%
20	6.495	550	554	558	rBV	2519150	3636214	28.51%	1.152%
21	6.572	558	567	571	rBV3	5733585	12754727	100.00%	4.042%
22	6.607	571	573	580	rVB	4127091	5689447	44.61%	1.803%
23	6.695	584	588	593	rVB2	1196886	1835567	14.39%	0.582%
24	6.760	593	599	605	rVB4	1631420	2989738	23.44%	0.947%
25	6.825	605	610	611	rBV2	2136837	3040021	23.83%	0.963%
26	6.919	618	626	633	rBV4	1478595	3589058	28.14%	1.137%
27	7.036	641	646	649	rBV2	1556619	2354052	18.46%	0.746%
28	7.084	649	654	661	rVB3	4636794	9167866	71.88%	2.905%
29	7.225	670	678	681	rBV	817700	1587238	12.44%	0.503%
30	7.272	681	686	691	rVV3	1858205	4081431	32.00%	1.293%
31	7.325	691	695	699	rVV3	2287224	3872874	30.36%	1.227%
32	7.366	699	702	705	rVV2	1391137	2300758	18.04%	0.729%
33	7.401	705	708	710	rVV4	1884911	2964319	23.24%	0.939%
34	7.431	710	713	718	rVV	3797723	7126774	55.88%	2.258%
35	7.507	722	726	738	rVB4	2720503	6977776	54.71%	2.211%
36	7.666	749	753	759	rVB3	1550432	2883908	22.61%	0.914%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.760	765	769	776	rBV6	1276268	3432118	26.91%	1.088%
38	7.848	779	784	787	rBV3	1787252	3121403	24.47%	0.989%
39	7.931	792	798	804	rVB3	4148559	8155174	63.94%	2.584%
40	8.019	804	813	819	rBV4	1657260	3621414	28.39%	1.148%
41	8.078	819	823	825	rBV2	652207	1072383	8.41%	0.340%
42	8.142	828	834	838	rVV2	3134717	5029543	39.43%	1.594%
43	8.178	838	840	842	rVV2	766227	908379	7.12%	0.288%
44	8.236	842	850	857	rVV3	4289601	10235033	80.25%	3.243%
45	8.301	857	861	868	rVB3	1430372	2695973	21.14%	0.854%
46	8.389	872	876	881	rVV3	1000827	1885447	14.78%	0.597%
47	8.442	881	885	893	rVV4	1095570	3011468	23.61%	0.954%
48	8.513	893	897	903	rVB	2003012	3163772	24.80%	1.003%
49	8.589	906	910	914	rBV2	604078	819205	6.42%	0.260%
50	8.648	914	920	925	rBV3	949306	1675641	13.14%	0.531%
51	8.783	939	943	948	rBV	2644811	3977965	31.19%	1.261%
52	8.942	965	970	980	rBV6	508402	1469002	11.52%	0.466%
53	9.060	980	990	997	rBV3	4988059	11486004	90.05%	3.640%
54	9.154	1000	1006	1014	rVB7	2086165	4447279	34.87%	1.409%
55	9.225	1014	1018	1022	rVB2	934042	1486674	11.66%	0.471%
56	9.278	1022	1027	1029	rBV3	1860062	3260396	25.56%	1.033%
57	9.419	1039	1051	1059	rBV5	1050914	3973848	31.16%	1.259%
58	9.542	1059	1072	1075	rVV9	740822	2678914	21.00%	0.849%
59	9.583	1075	1079	1089	rVV3	1566831	4742329	37.18%	1.503%
60	9.678	1089	1095	1100	rVV2	2030475	3939801	30.89%	1.248%
61	9.842	1118	1123	1126	rBV2	1078744	1704743	13.37%	0.540%
62	9.883	1126	1130	1135	rVB	1975725	2787918	21.86%	0.883%
63	9.942	1135	1140	1148	rBV4	2736379	4633453	36.33%	1.468%
64	10.160	1172	1177	1182	rBV2	1574157	2752047	21.58%	0.872%
65	10.213	1182	1186	1191	rVB5	501118	1057271	8.29%	0.335%
66	10.348	1203	1209	1219	rBV8	720913	1827850	14.33%	0.579%
67	10.460	1223	1228	1232	rBV	904553	1525822	11.96%	0.484%
68	10.624	1252	1256	1259	rBV2	617256	962305	7.54%	0.305%
69	10.660	1259	1262	1268	rVB3	545457	830032	6.51%	0.263%
70	10.754	1269	1278	1283	rBV2	1610531	4193562	32.88%	1.329%
71	10.877	1295	1299	1304	rVB4	627671	937695	7.35%	0.297%
72	10.924	1304	1307	1312	rVB	1089763	1577408	12.37%	0.500%
73	10.983	1312	1317	1326	rBV4	639473	1237338	9.70%	0.392%
74	11.060	1327	1330	1335	rVB4	573216	873804	6.85%	0.277%
75	11.260	1360	1364	1370	rVB2	840426	1290543	10.12%	0.409%
76	11.466	1388	1399	1405	rVB4	1459097	3965581	31.09%	1.257%

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77	11.795	1449	1455	1459	rBV	3535148	5483331	42.99%	1.738%
78	11.954	1478	1482	1490	rVB5	555831	1054340	8.27%	0.334%
79	12.048	1494	1498	1502	rVB2	593986	818821	6.42%	0.259%
80	12.877	1634	1639	1646	rVB2	1204714	2089036	16.38%	0.662%
81	13.136	1678	1683	1688	rVB	3392031	4725375	37.05%	1.497%
82	13.513	1743	1747	1756	rVV4	552583	1323324	10.38%	0.419%
83	13.907	1810	1814	1819	rVV	1027662	1880739	14.75%	0.596%
84	13.960	1820	1823	1829	rVV	794691	1317368	10.33%	0.417%
85	14.077	1838	1843	1847	rVB	3501023	4871637	38.19%	1.544%
86	14.136	1847	1853	1857	rBV3	609936	1164439	9.13%	0.369%
87	14.424	1898	1902	1908	rVB2	886885	1470491	11.53%	0.466%
88	14.495	1908	1914	1920	rBV5	316032	919208	7.21%	0.291%
89	14.583	1921	1929	1937	rVV2	1881957	3990520	31.29%	1.265%
90	14.983	1994	1997	2003	rVB2	801548	1156680	9.07%	0.367%
91	15.112	2014	2019	2023	rBV2	1076082	1660512	13.02%	0.526%
92	15.207	2030	2035	2038	rBV2	492338	869420	6.82%	0.276%
93	15.842	2138	2143	2149	rVB	2388775	3596966	28.20%	1.140%
94	16.048	2175	2178	2188	rVB5	484019	935167	7.33%	0.296%
95	16.318	2218	2224	2230	rBV	5013631	7561171	59.28%	2.396%
96	17.142	2359	2364	2375	rVB	3353506	5133278	40.25%	1.627%
97	17.324	2391	2395	2400	rBV	1651822	2619751	20.54%	0.830%
98	17.748	2463	2467	2472	rBV	1271794	1831552	14.36%	0.580%
99	19.900	2830	2833	2837	rVB	777265	1035783	8.12%	0.328%
100	21.494	3100	3104	3108	rBV3	1849190	3293963	25.83%	1.044%

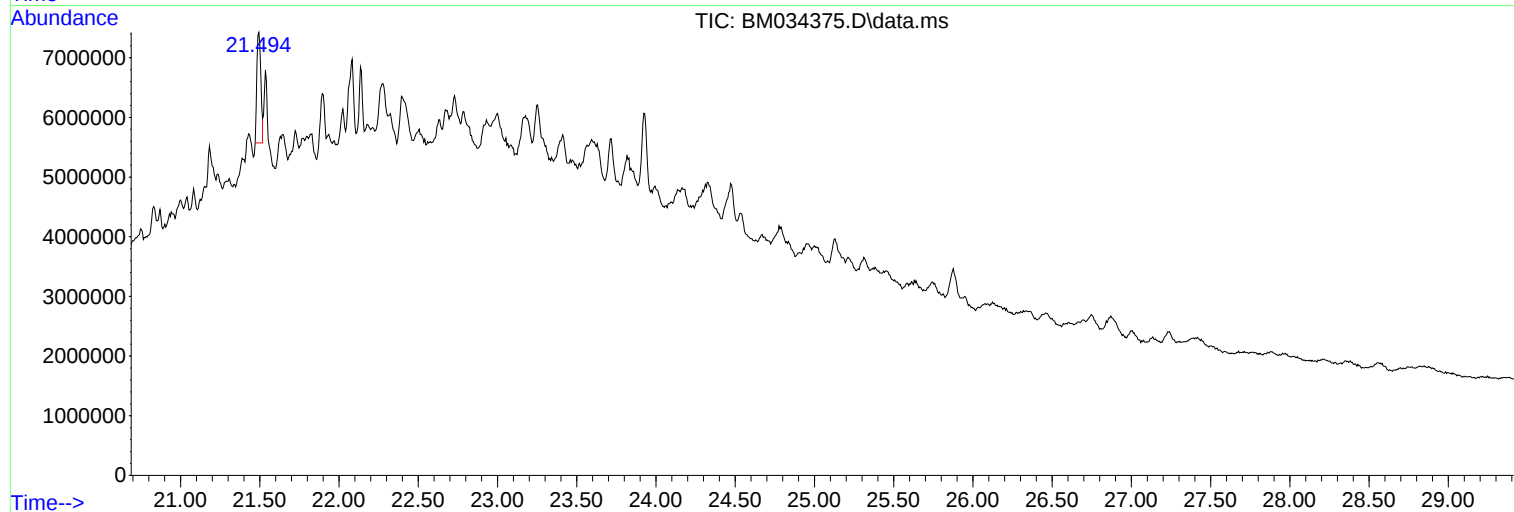
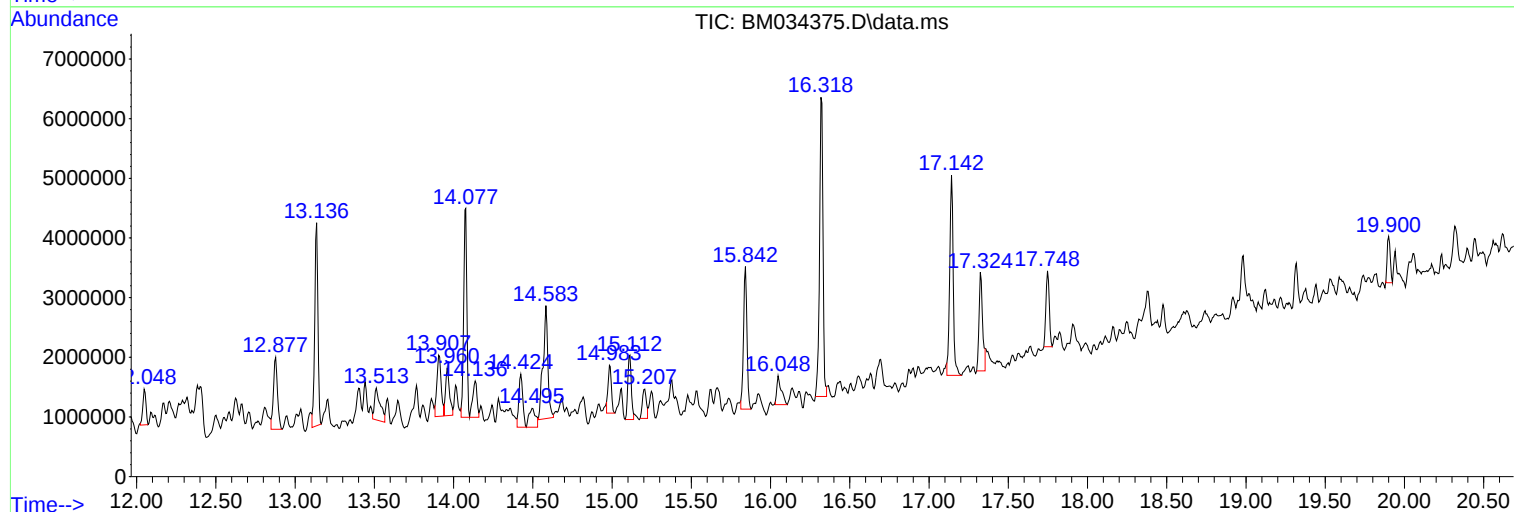
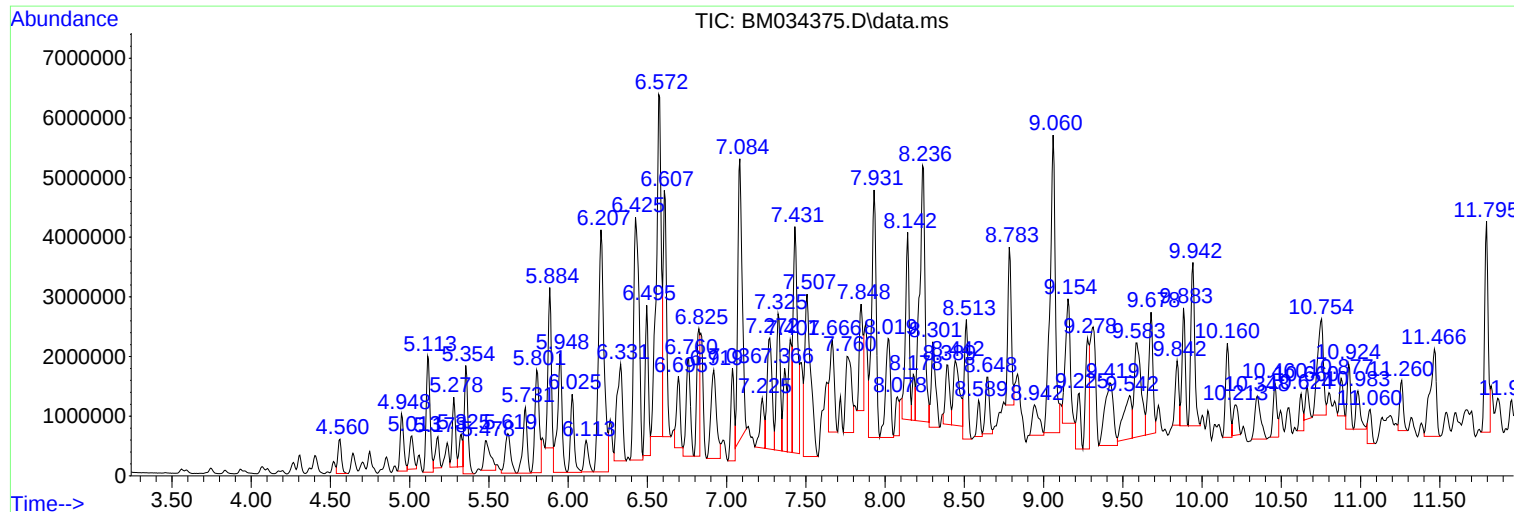
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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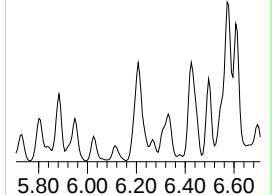
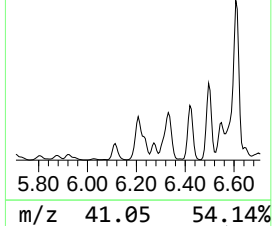
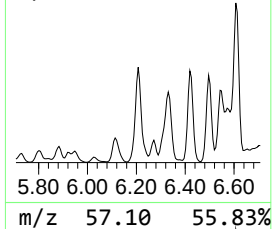
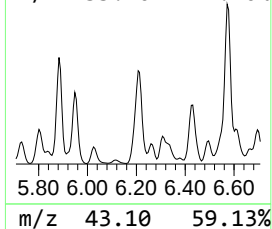
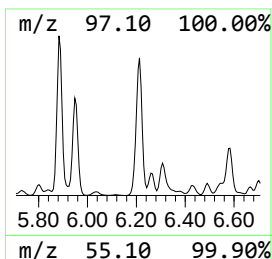
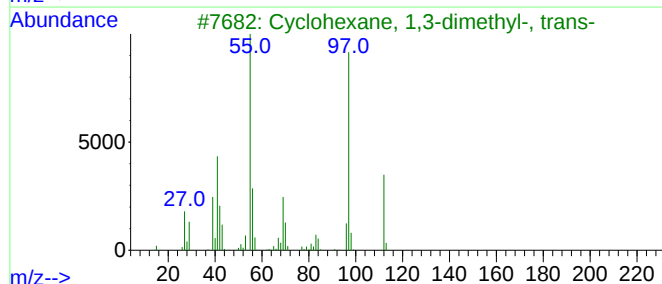
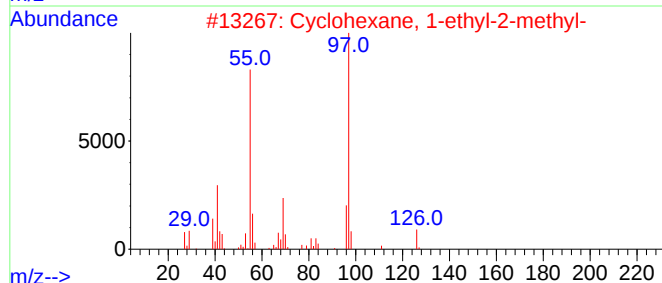
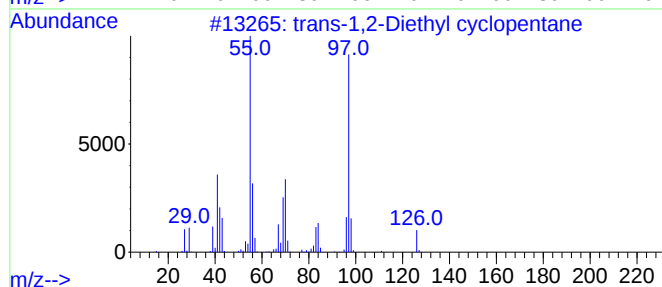
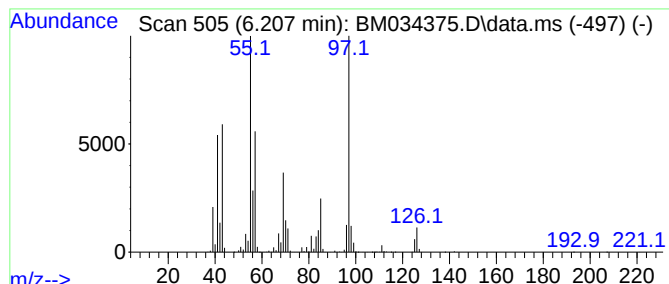
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 trans-1,2-Diethyl cyclopentane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.207	24.25 ng	9887910	1,4-Dichlorobenzene-d4	7.942

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	74
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	70
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
4			Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	58
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58



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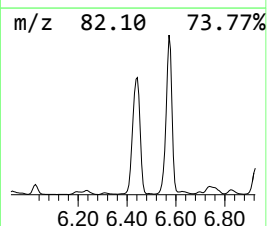
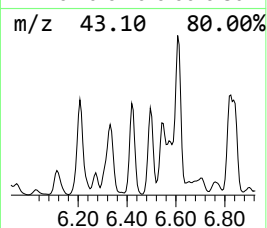
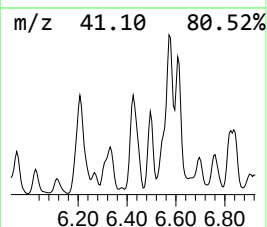
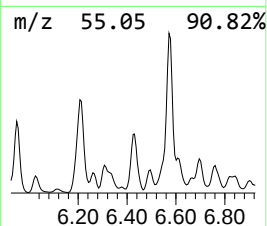
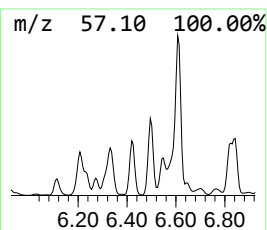
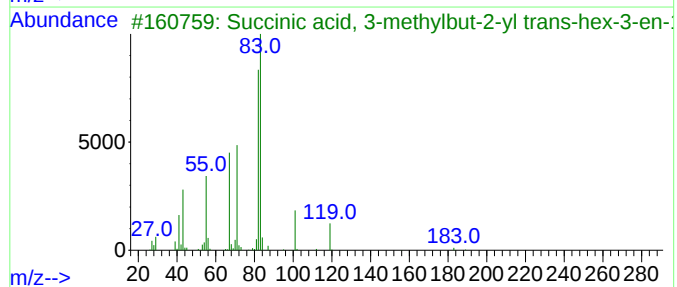
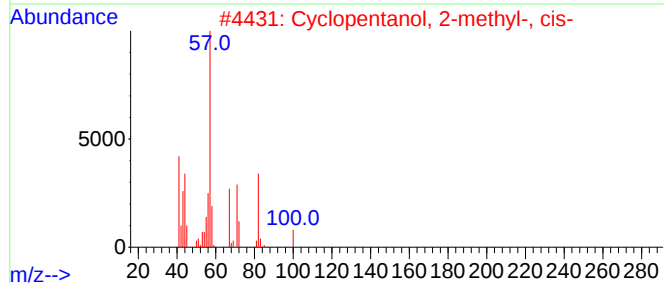
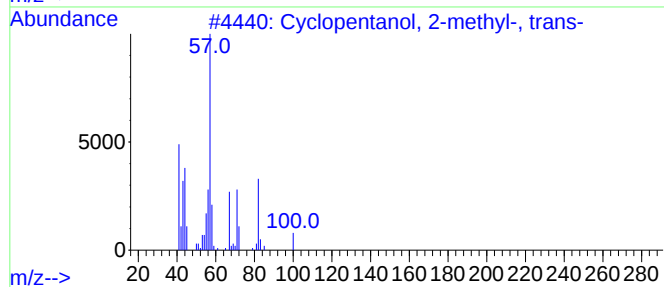
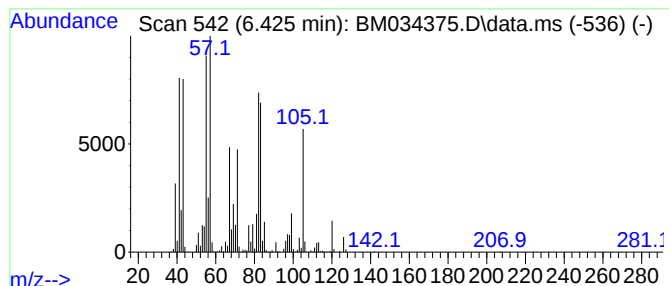
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopentanol, 2-methyl-, t... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.425	23.47 ng	9569640	1,4-Dichlorobenzene-d4	7.942

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	59
2			Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	53
3			Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-11-1	47
4			(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	120603-00-1	47
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46



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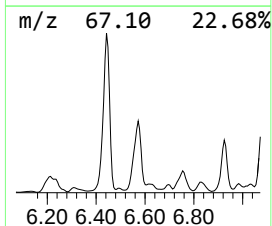
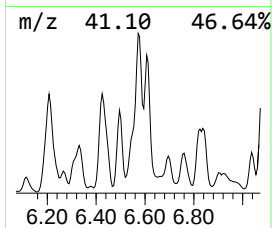
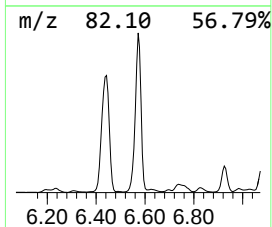
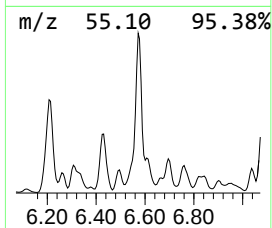
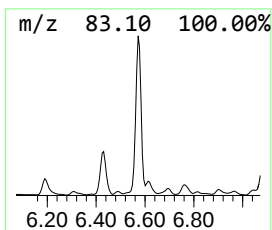
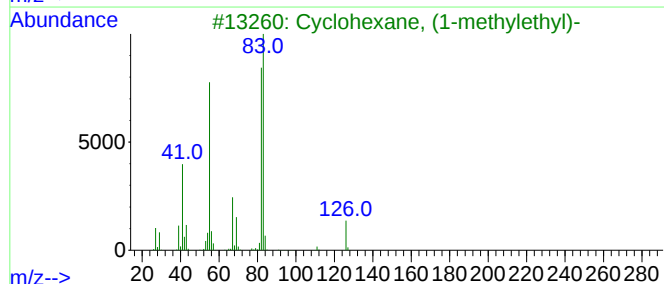
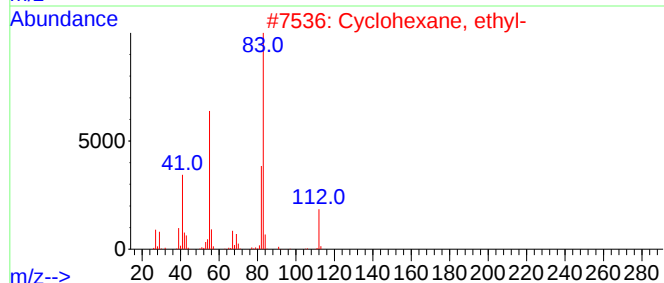
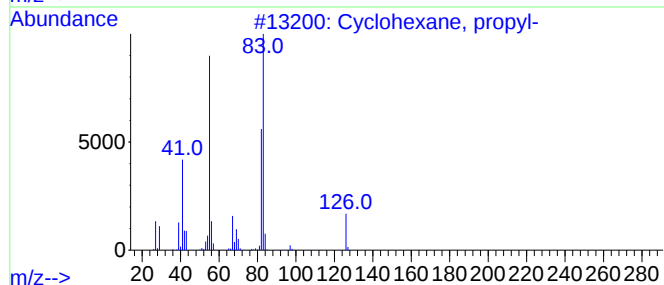
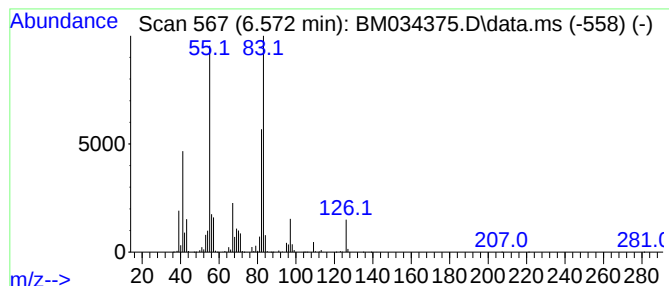
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.572	31.28 ng	12754700	1,4-Dichlorobenzene-d4	7.942

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
4			Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	53
5			Trichloroacetic acid, 6-chlorohe...	280	C8H12Cl4O2	1000330-89-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
Operator : CG/JU
Sample : N2077-03 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-4

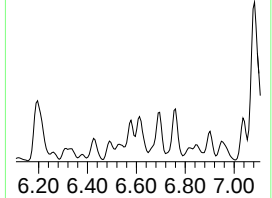
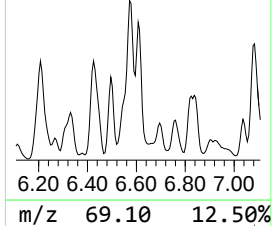
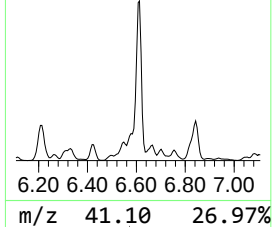
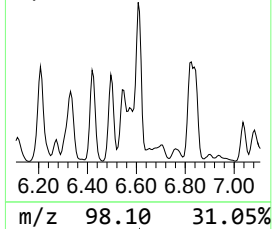
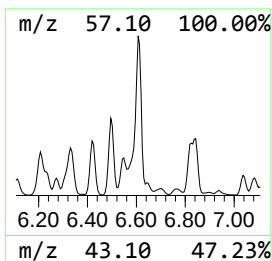
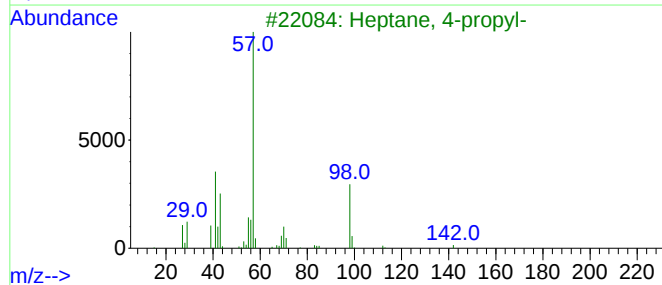
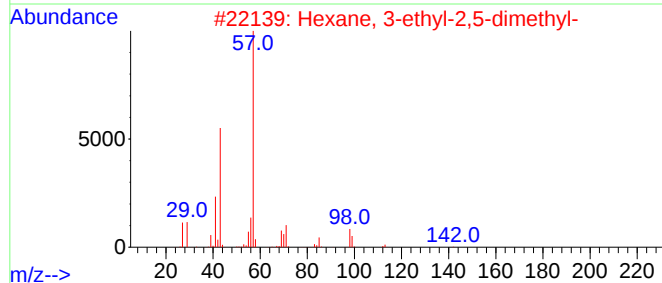
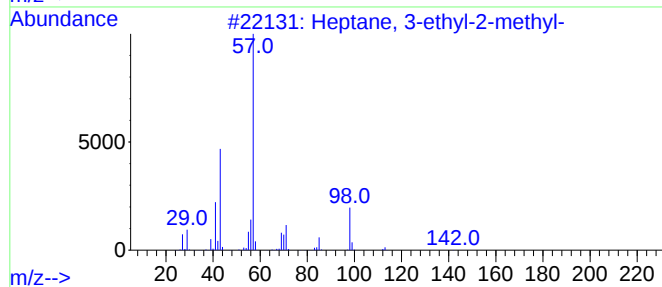
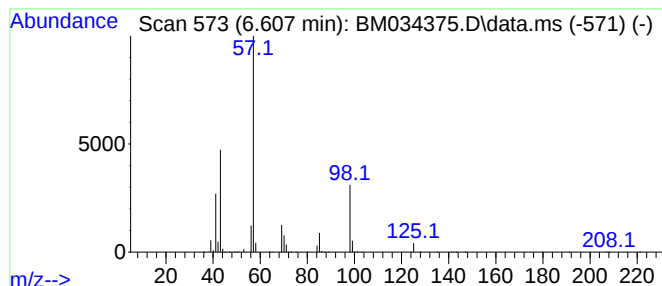
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptane, 3-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.607	13.95 ng	5689450	1,4-Dichlorobenzene-d4	7.942

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50
3			Heptane, 4-propyl-	142	C10H22	003178-29-8	50
4			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	46
5			Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
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Misc :
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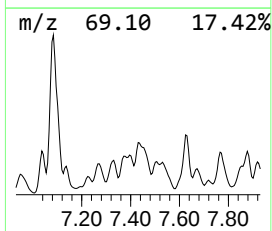
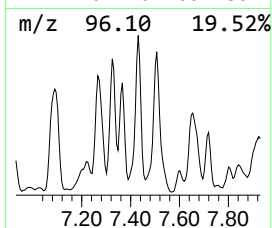
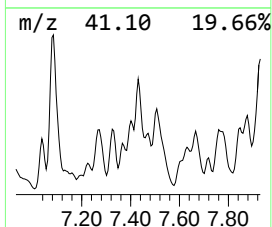
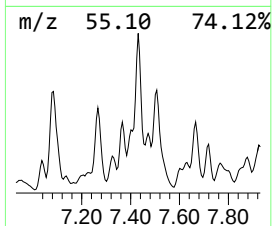
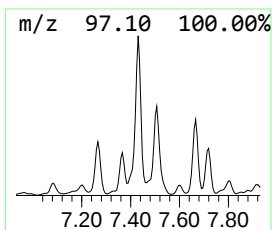
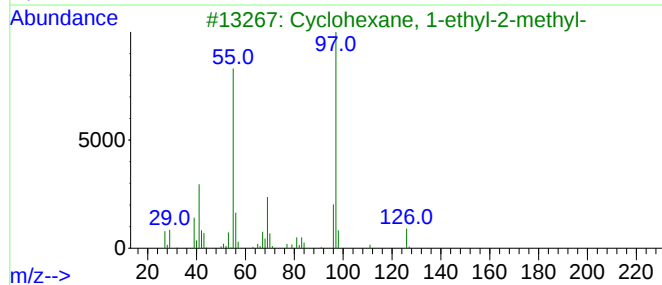
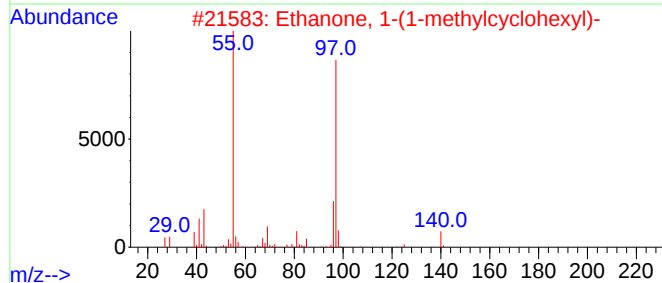
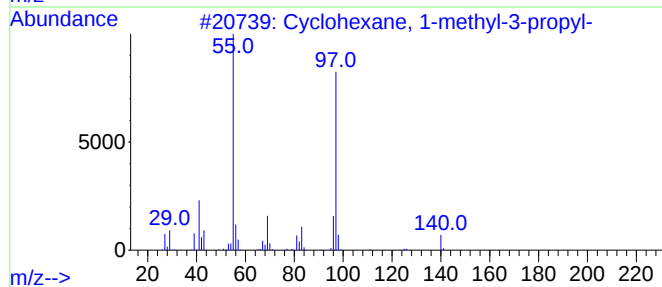
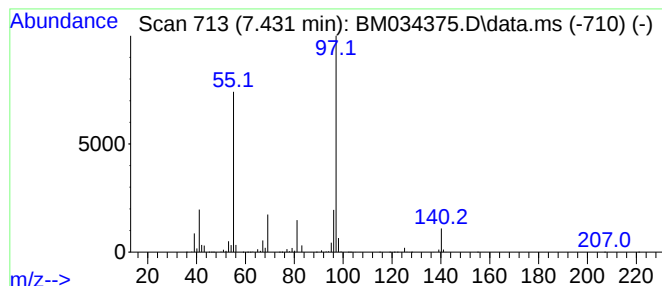
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, 1-methyl-3-pro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.431	17.48 ng	7126770	1,4-Dichlorobenzene-d4	7.942

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	78
2			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
4			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	72
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
Operator : CG/JU
Sample : N2077-03 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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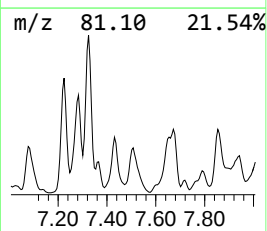
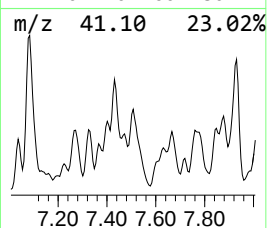
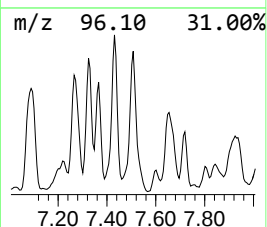
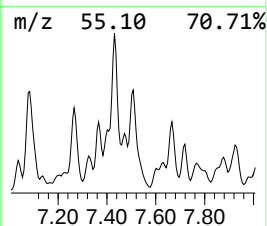
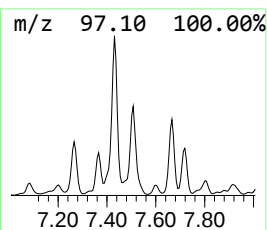
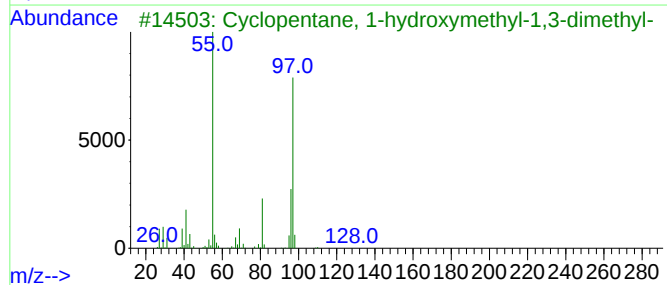
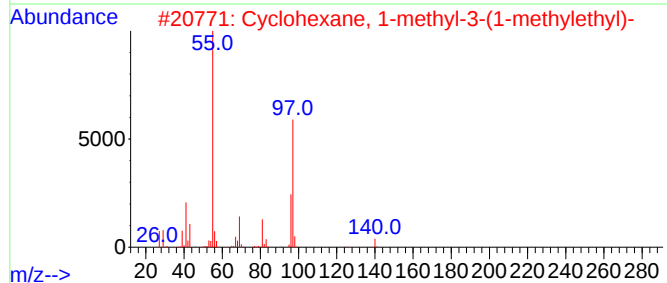
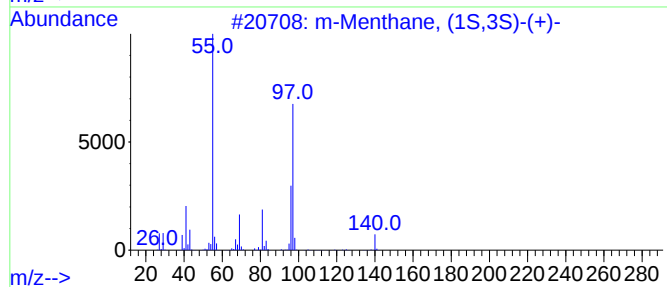
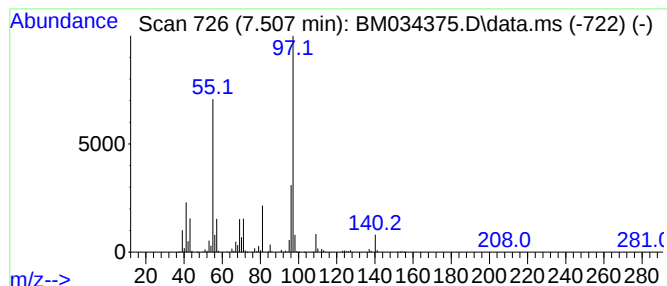
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 m-Menthane, (1S,3S)-(+)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.507	17.11 ng	6977780	1,4-Dichlorobenzene-d4	7.942

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	72
2			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	64
3			Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	64
4			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	58
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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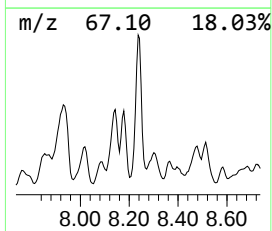
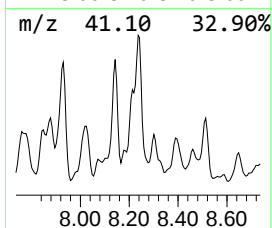
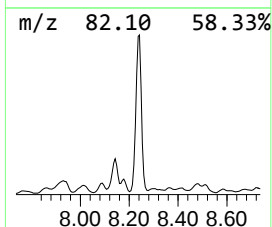
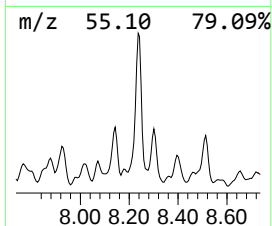
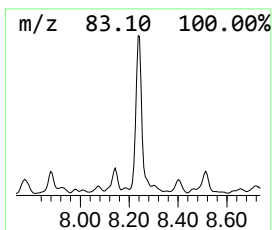
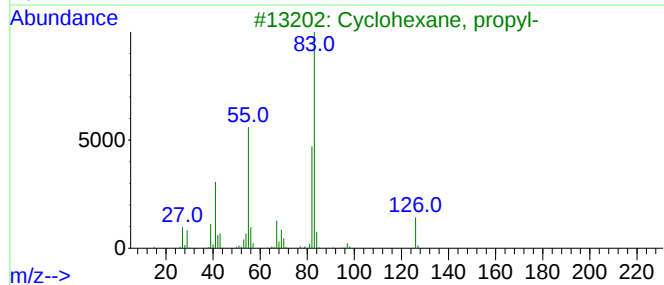
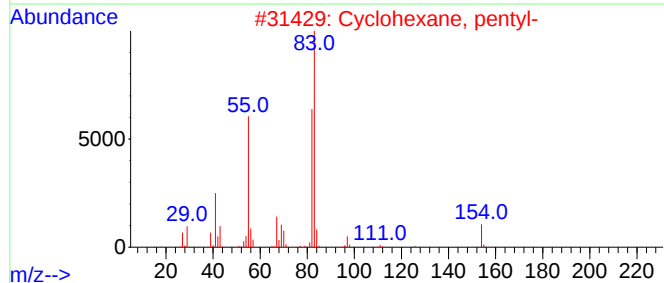
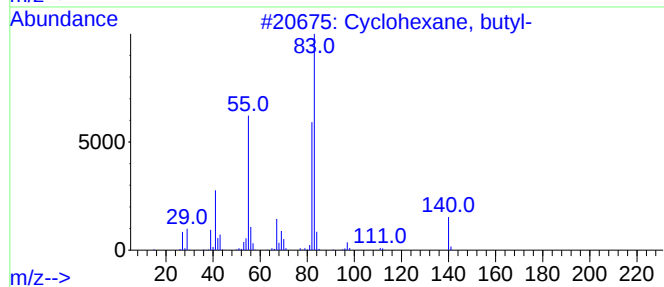
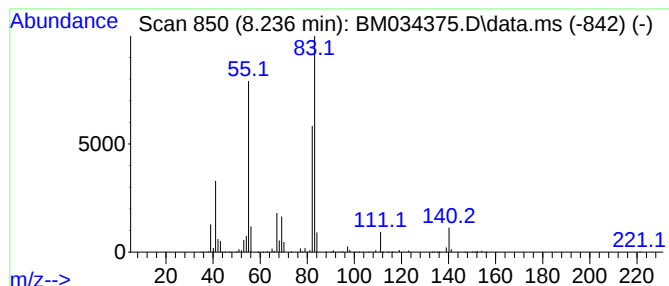
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.236	25.10 ng	10235000	1,4-Dichlorobenzene-d4	7.942

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, butyl-	140	C10H20	001678-93-9	94
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	80
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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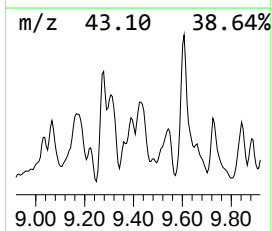
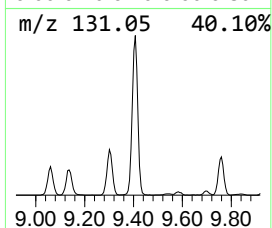
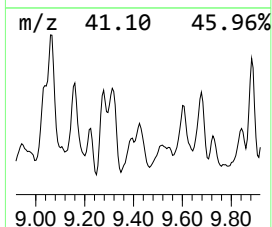
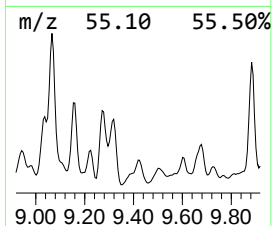
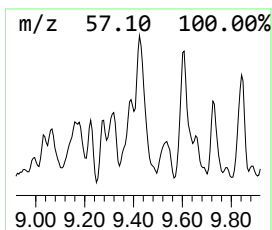
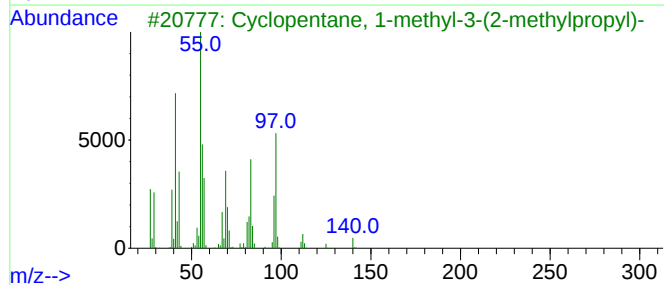
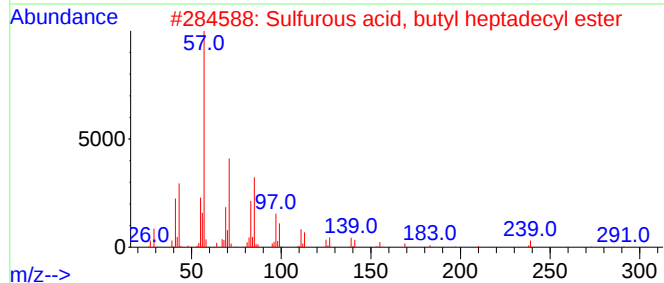
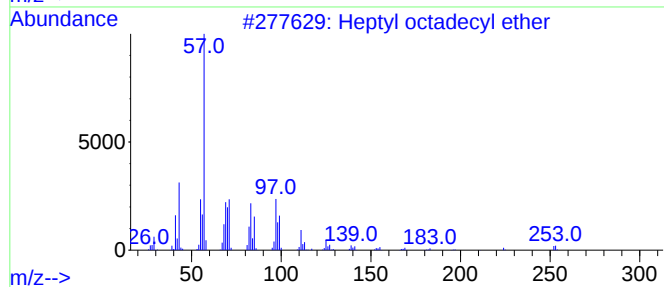
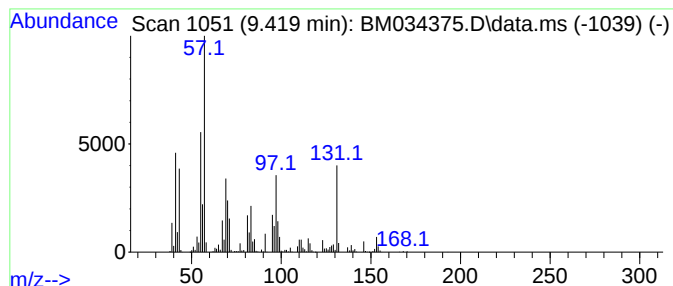
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.419 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.419	18.95 ng	3973850	Naphthalene-d8	10.754

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptyl octadecyl ether	368	C25H52O	1000406-39-5	43
2			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	35
3			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	35
4			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	35
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
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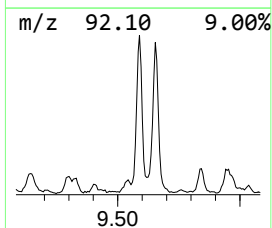
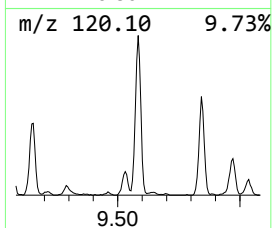
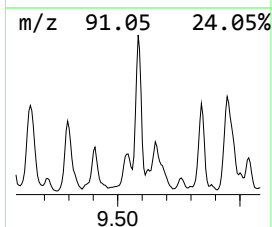
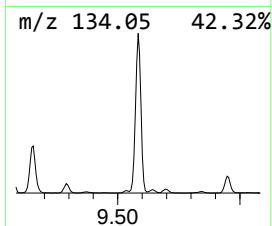
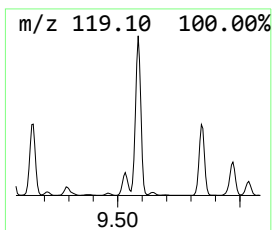
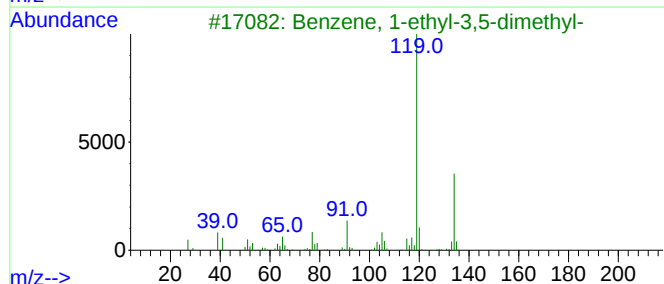
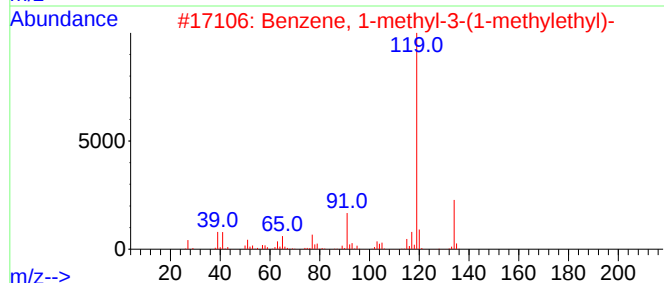
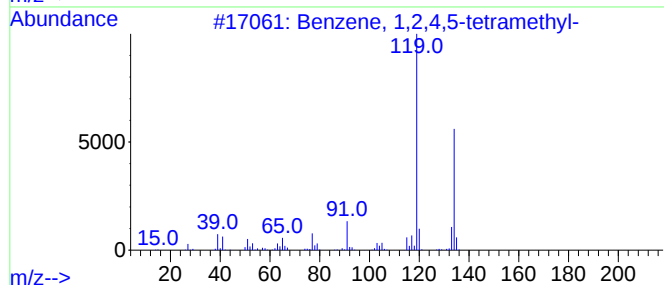
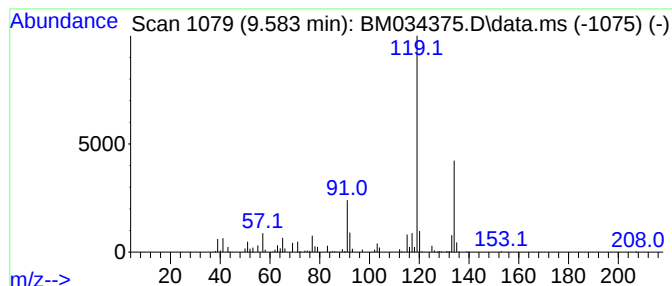
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.583	22.62 ng	4742330	Naphthalene-d8	10.754

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
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ClientSampleId :
WC-14A-4

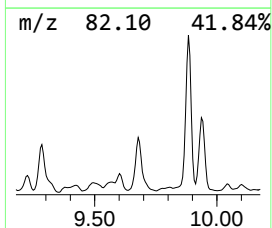
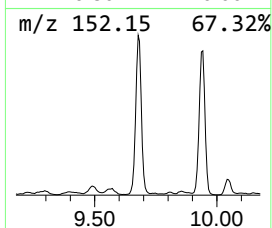
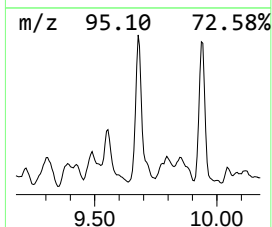
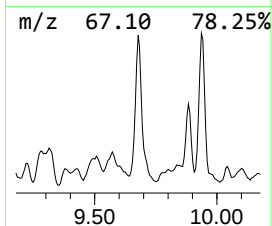
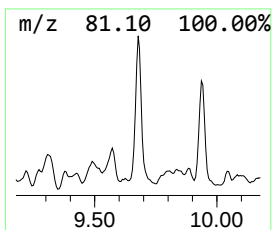
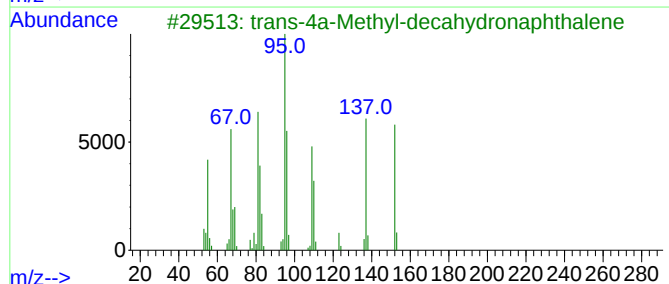
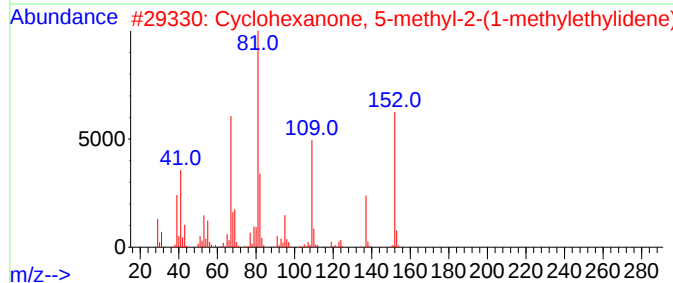
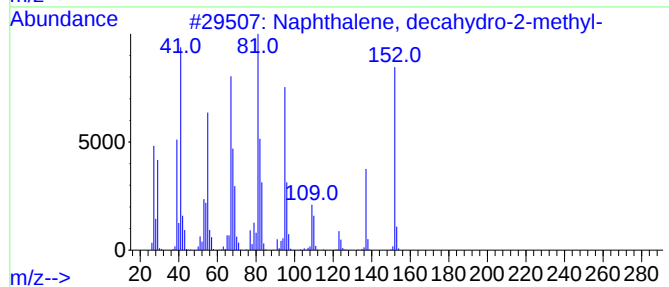
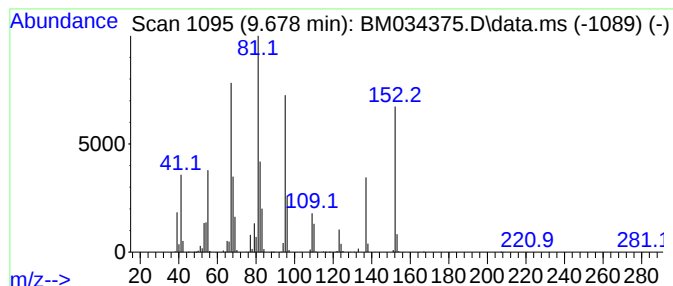
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.678	18.79 ng	3939800	Naphthalene-d8	10.754

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
2		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	81
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	76
4		Pulegone	152	C10H16O	000089-82-7	74
5		Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
Operator : CG/JU
Sample : N2077-03 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-4

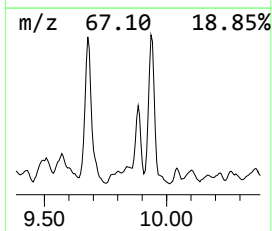
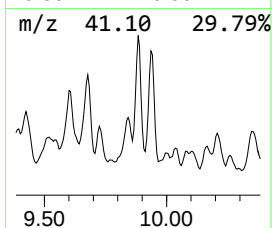
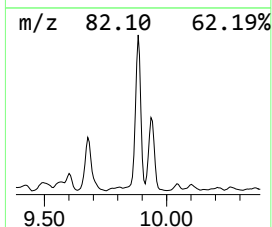
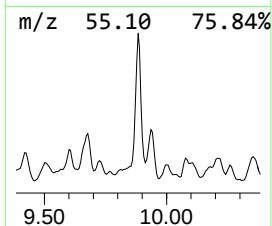
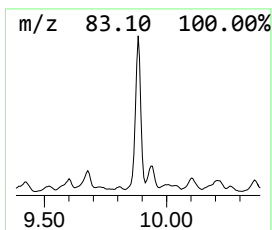
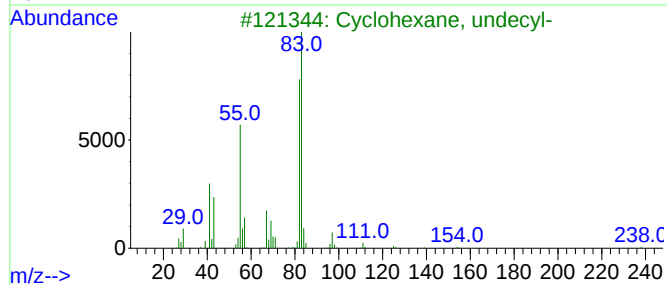
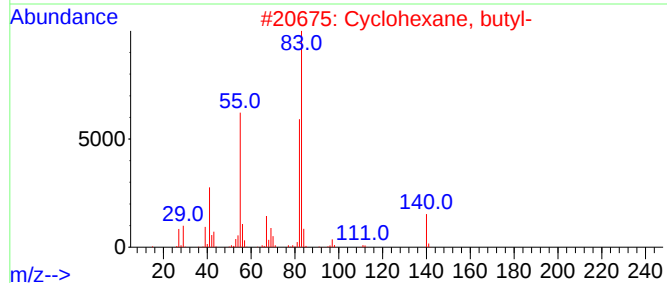
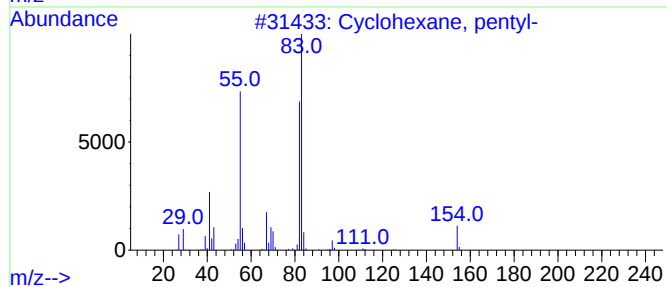
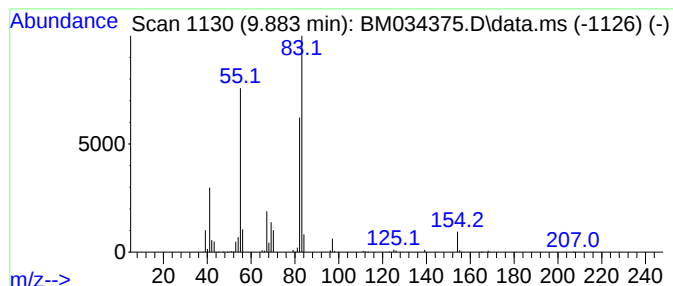
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, pentyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.883	13.30 ng	2787920	Naphthalene-d8	10.754

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, pentyl-	154	C11H22	004292-92-6	94
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	83
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
Operator : CG/JU
Sample : N2077-03 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

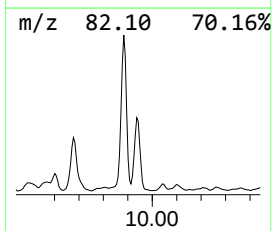
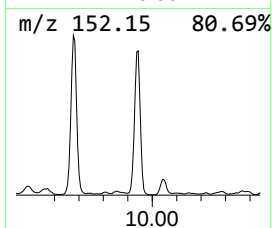
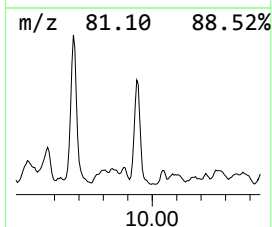
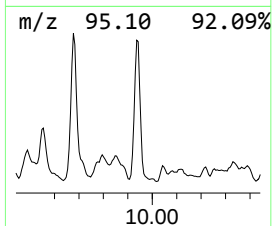
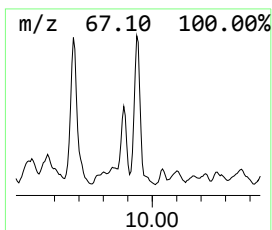
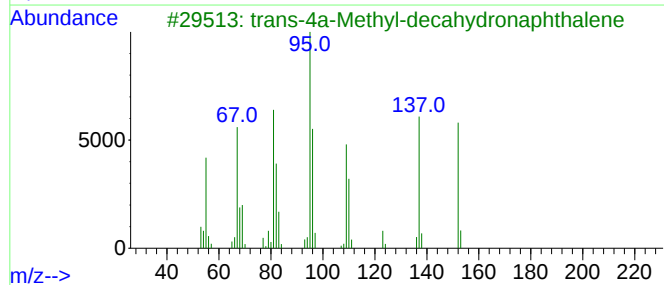
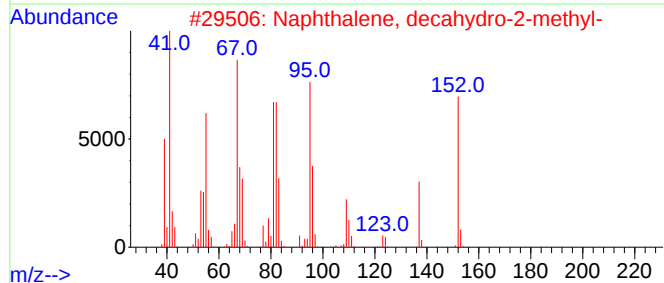
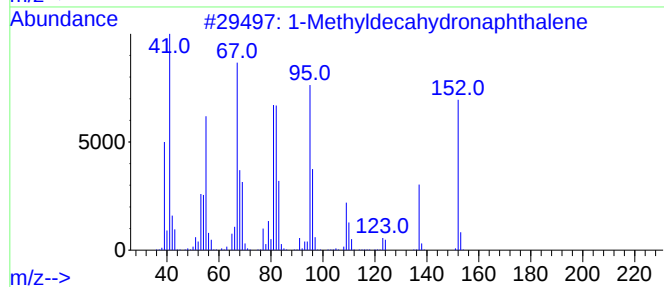
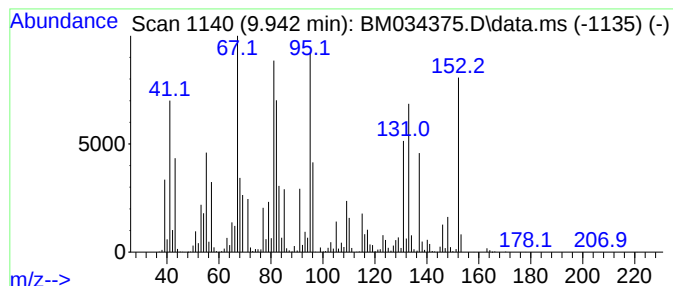
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ClientSampleId :
WC-14A-4

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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 1-Methyldecahydronaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.942	22.10 ng	4633450	Naphthalene-d8	10.754
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 95
2		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 95
3		trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5 83
4		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 60
5		4,4-Dimethyl-2-propenylcyclopent...	152 C10H16O	068261-88-1 55



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
Operator : CG/JU
Sample : N2077-03 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-4

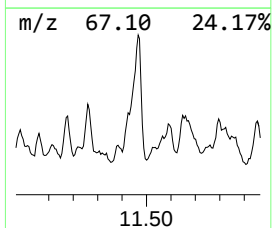
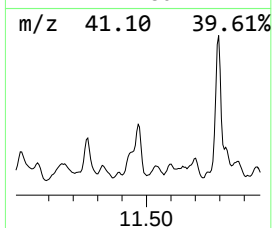
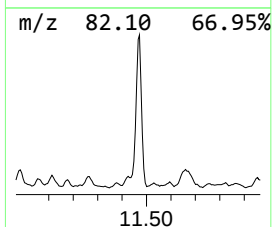
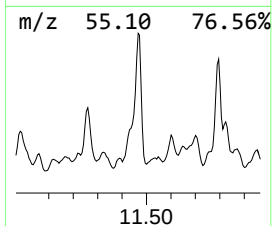
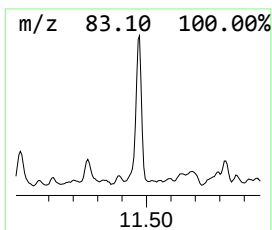
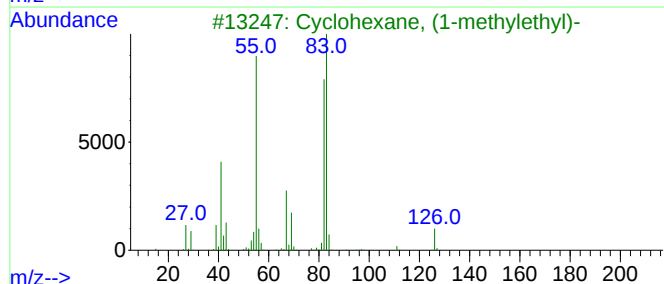
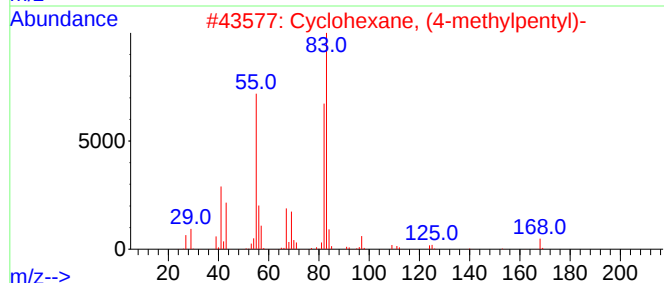
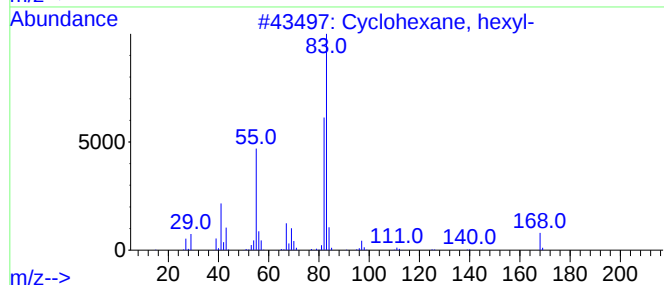
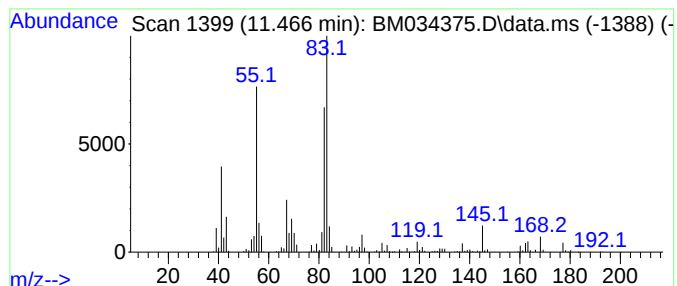
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, hexyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.466	18.91 ng	3965580	Naphthalene-d8	10.754

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, hexyl-	168	C12H24	004292-75-5	83
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	83
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	80
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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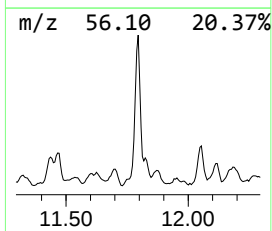
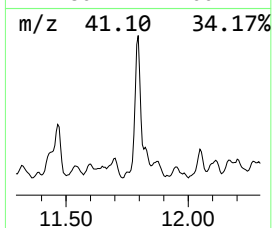
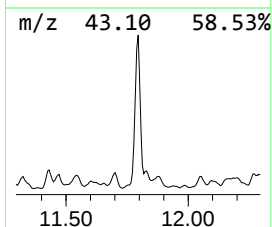
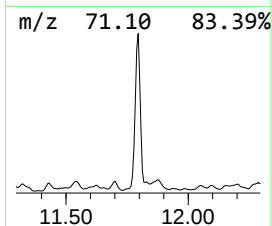
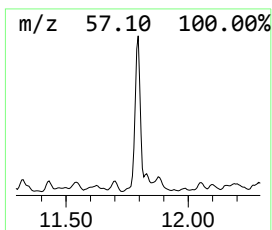
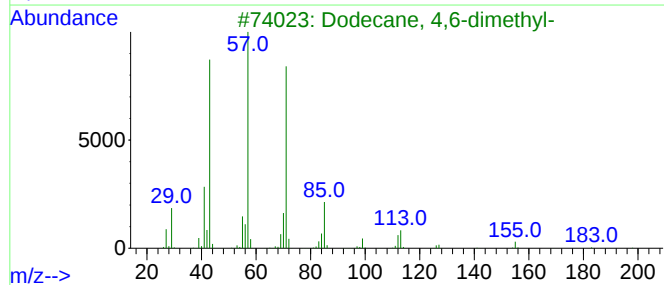
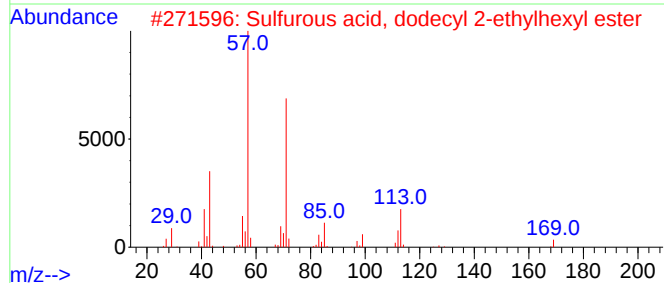
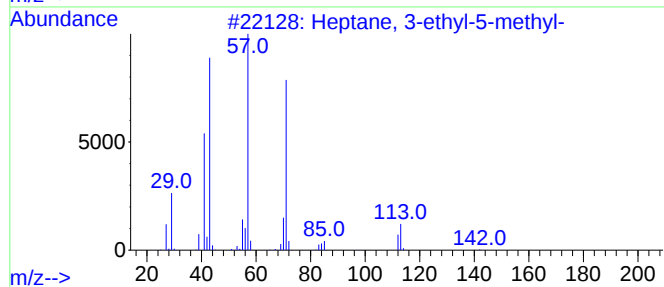
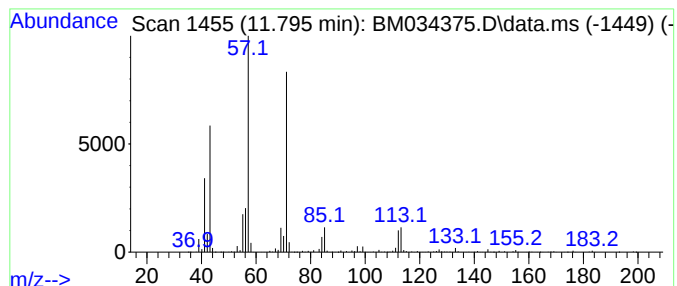
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptane, 3-ethyl-5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.795	26.15 ng	5483330	Naphthalene-d8	10.754

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	80
2			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
5			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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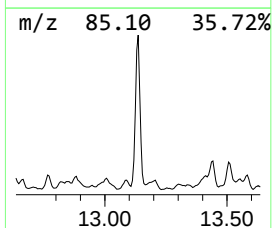
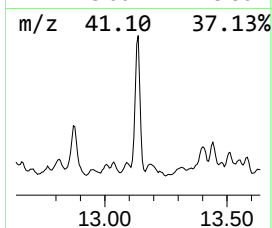
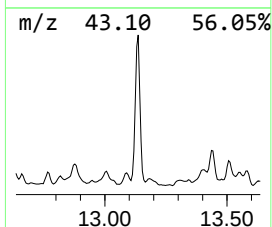
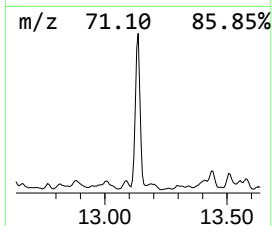
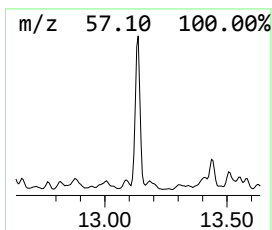
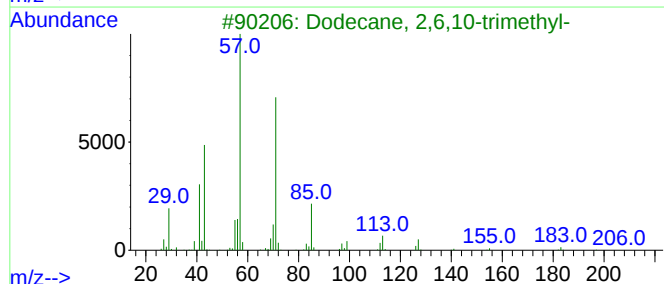
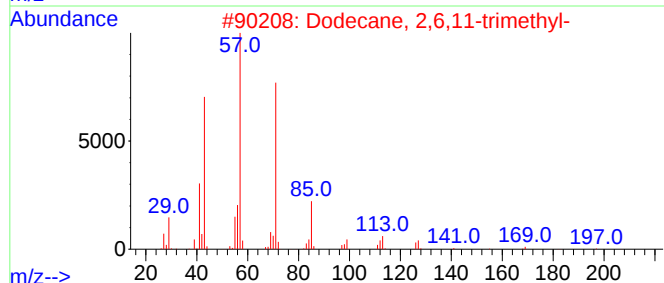
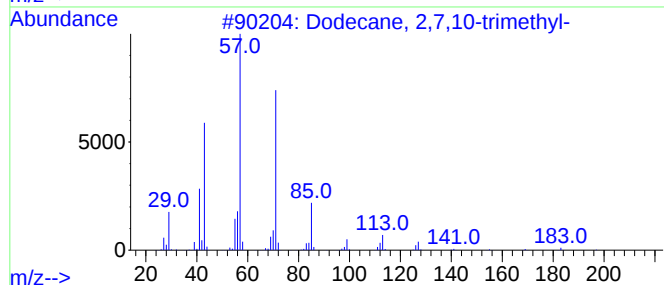
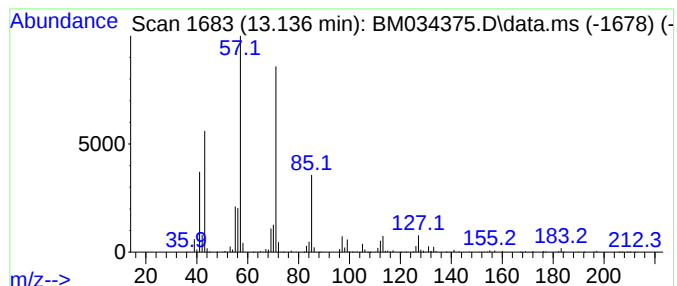
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.136	23.68 ng	4725380	Acenaphthene-d10	14.583

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4		Decane, 5-propyl-	184	C13H28	017312-62-8	74
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
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Acq On : 24 Mar 2022 22:53
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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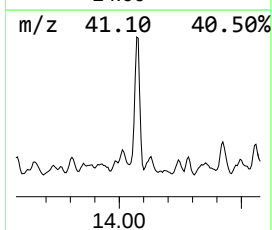
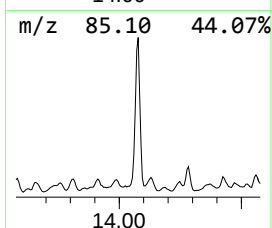
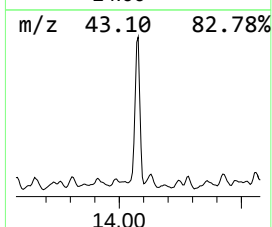
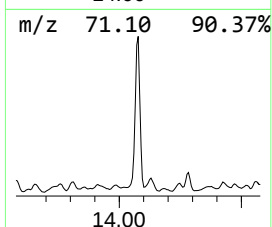
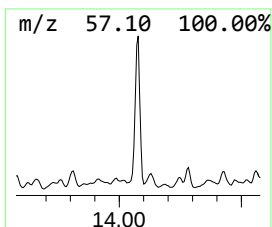
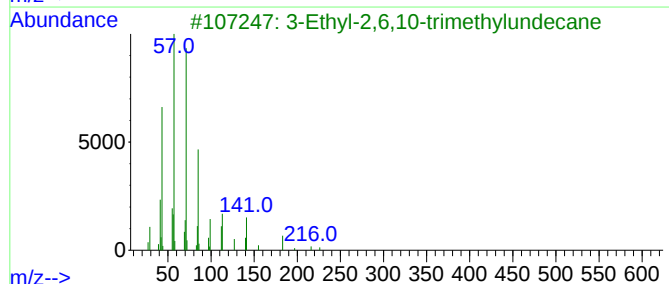
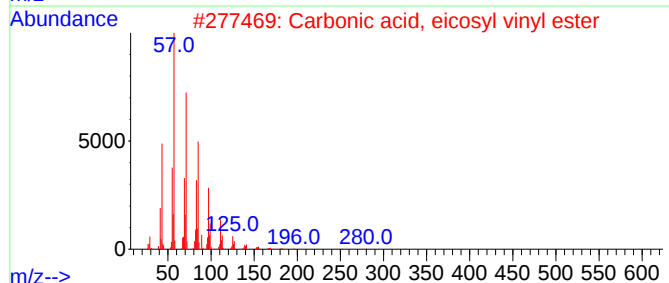
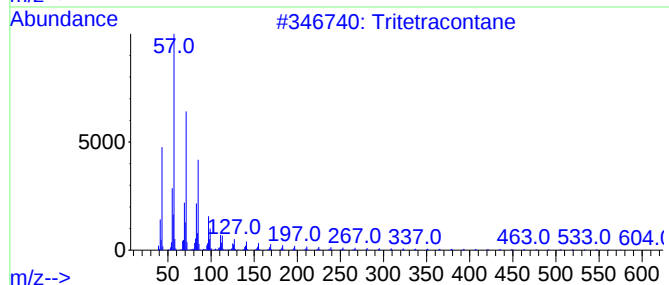
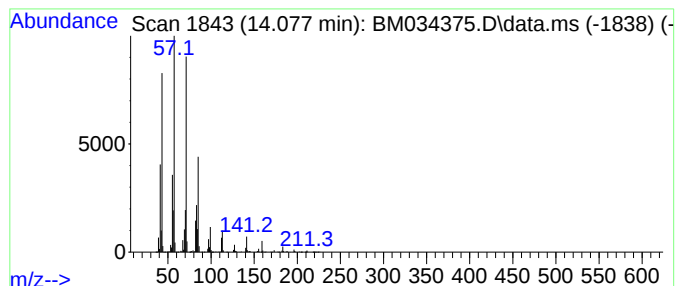
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tritetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	24.42 ng	4871640	Acenaphthene-d10	14.583

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	90
2		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
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Acq On : 24 Mar 2022 22:53
Operator : CG/JU
Sample : N2077-03 10X
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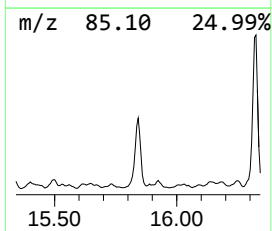
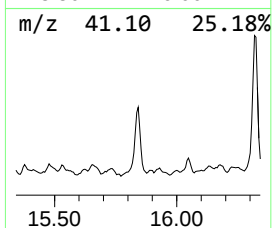
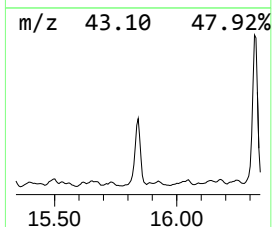
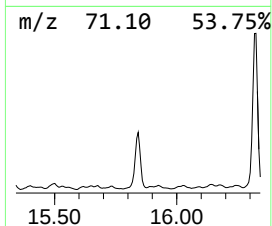
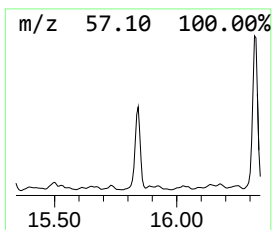
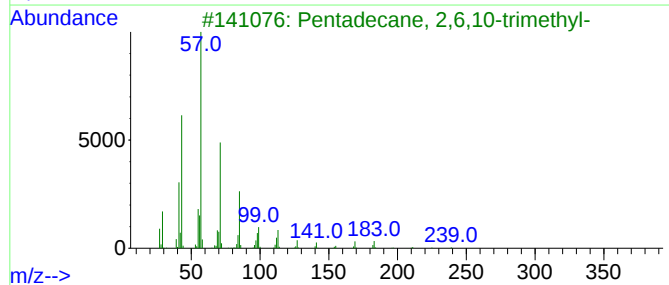
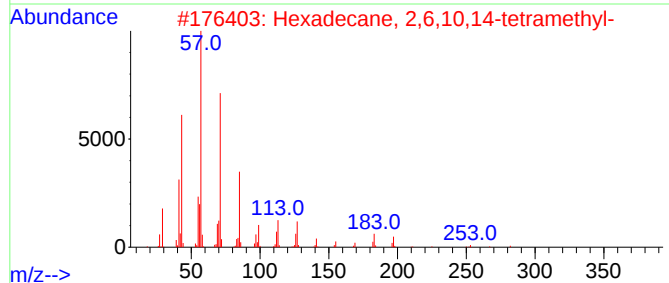
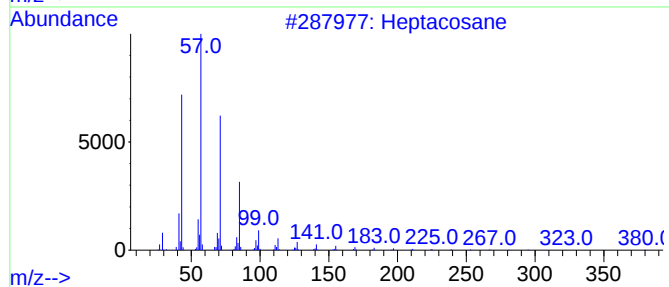
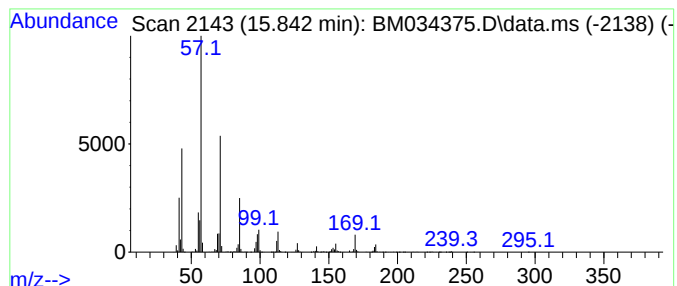
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.842	18.03 ng	3596970	Acenaphthene-d10		14.583	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	80
2	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	72
3	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	70
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	64
5	Tetracosane		338	C24H50	000646-31-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
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Operator : CG/JU
Sample : N2077-03 10X
Misc :
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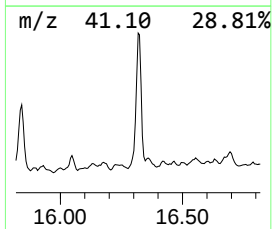
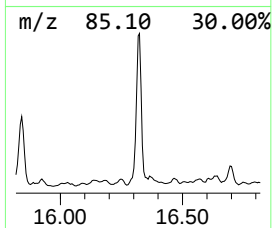
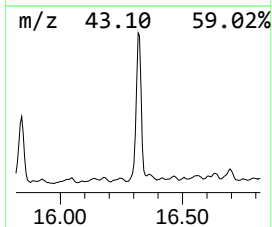
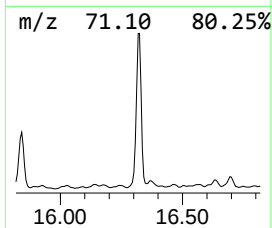
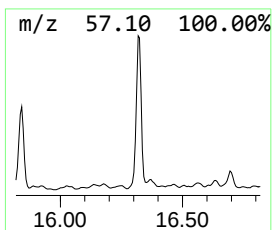
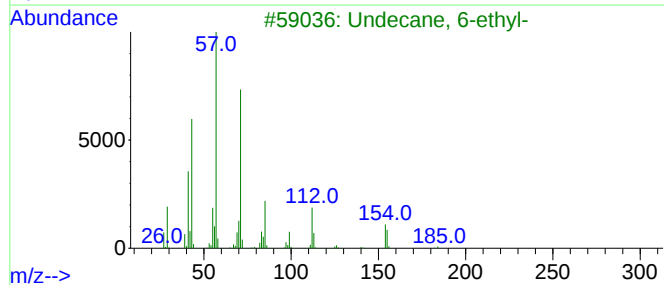
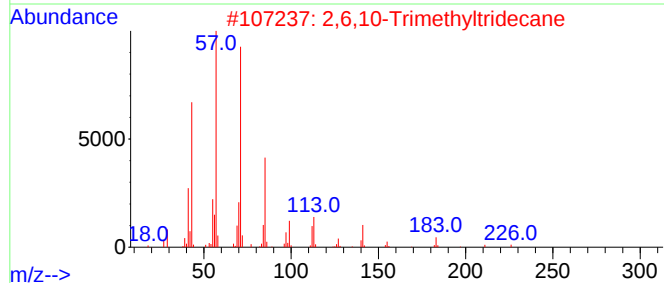
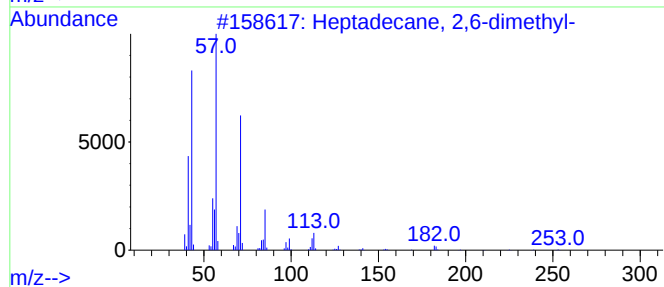
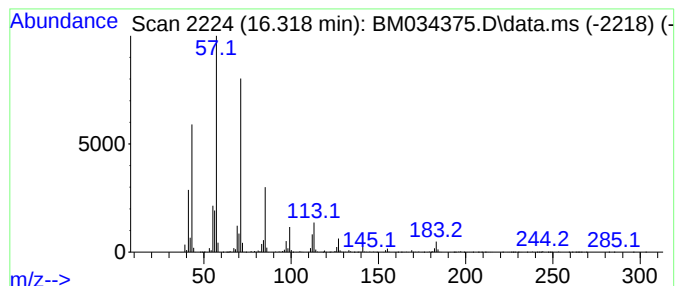
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.318	57.72 ng	7561170	Phenanthrene-d10		17.324	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-		268	C19H40	054105-67-8	91
2	2,6,10-Trimethyltridecane		226	C16H34	003891-99-4	90
3	Undecane, 6-ethyl-		184	C13H28	017312-60-6	87
4	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	86
5	Hexadecane, 2,6,10-trimethyl-		268	C19H40	055000-52-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
Operator : CG/JU
Sample : N2077-03 10X
Misc :
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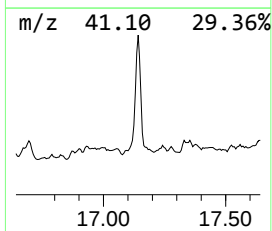
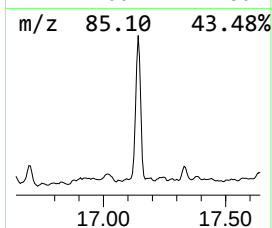
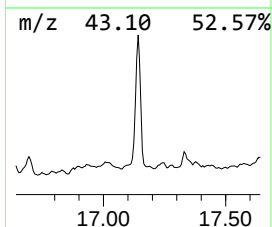
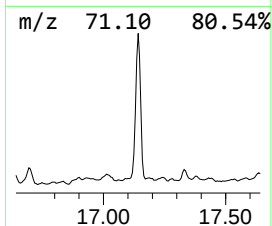
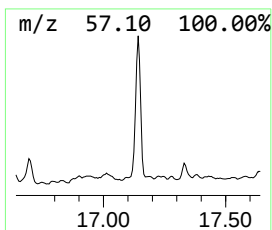
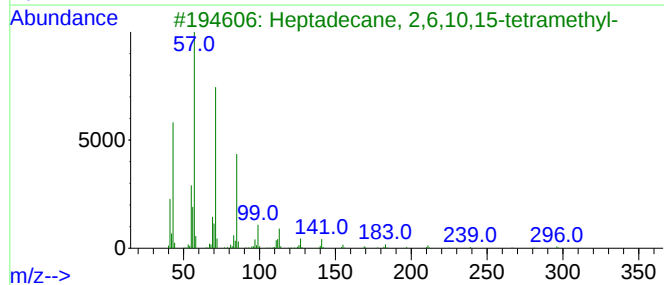
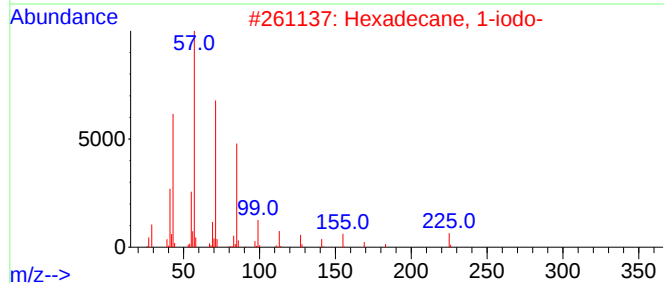
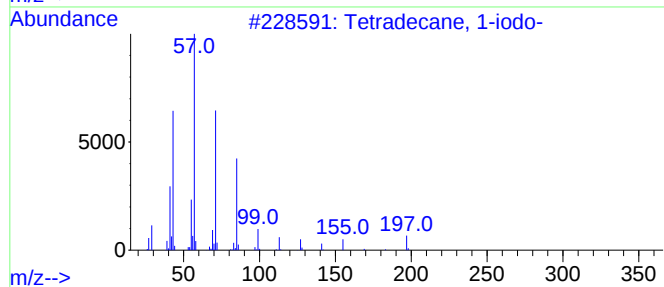
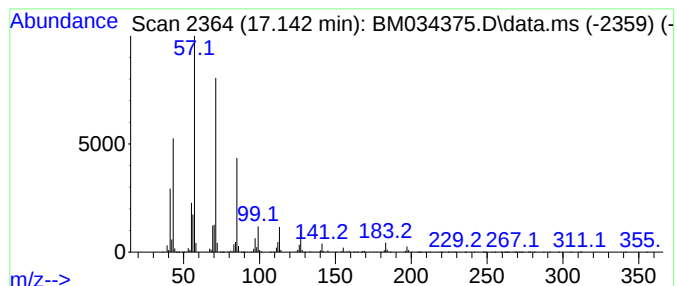
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetradecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.142	39.19 ng	5133280	Phenanthrene-d10		17.324	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	90
2	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	90
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	87
4	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	87
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034375.D
Acq On : 24 Mar 2022 22:53
Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-4

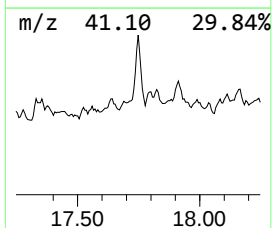
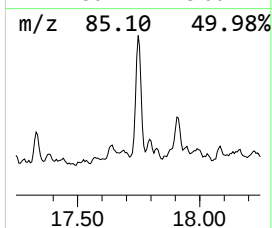
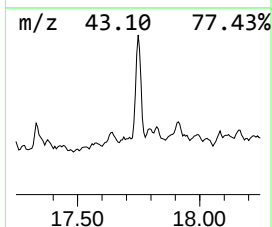
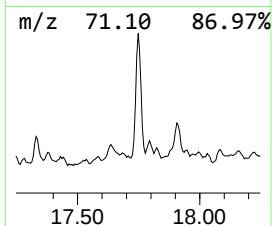
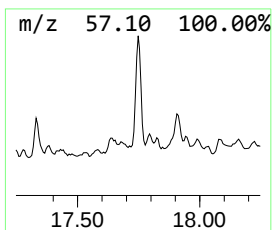
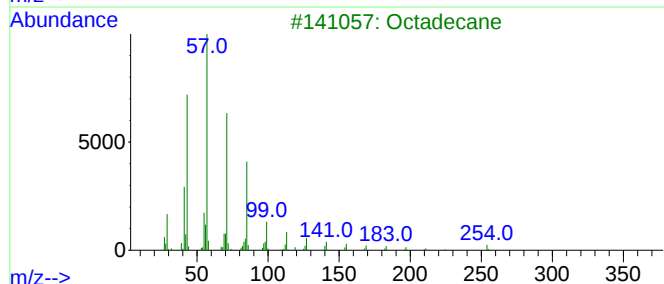
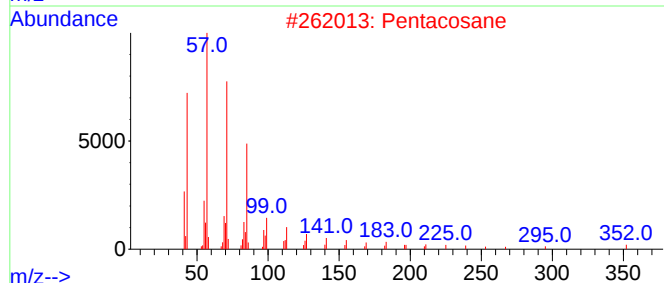
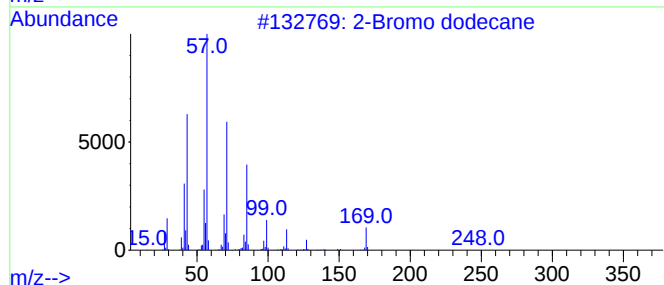
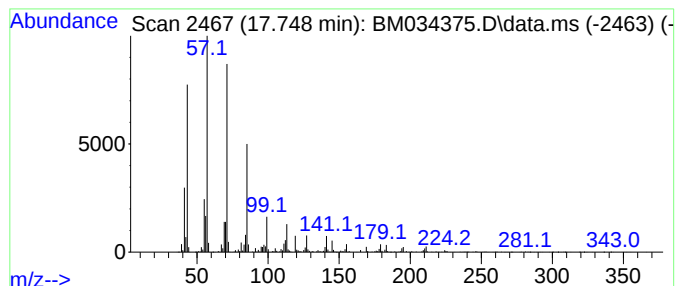
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Bromo dodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.748	13.98 ng	1831550	Phenanthrene-d10	17.324

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2		Pentacosane	352	C25H52	000629-99-2	87
3		Octadecane	254	C18H38	000593-45-3	87
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
 Data File : BM034375.D
 Acq On : 24 Mar 2022 22:53
 Operator : CG/JU
 Sample : N2077-03 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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
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Cyclopentanol, ...	6.425	23.5	ng	9569640	1	7.942	8155170	20.0
Cyclohexane, pr...	6.572	31.3	ng	12754700	1	7.942	8155170	20.0
Heptane, 3-ethy...	6.607	13.9	ng	5689450	1	7.942	8155170	20.0
Cyclohexane, 1-...	7.431	17.5	ng	7126770	1	7.942	8155170	20.0
m-Menthane, (1S...	7.507	17.1	ng	6977780	1	7.942	8155170	20.0
Cyclohexane, bu...	8.236	25.1	ng	10235000	1	7.942	8155170	20.0
unknown9.419	9.419	18.9	ng	3973850	2	10.754	4193560	20.0
Benzene, 1,2,4,...	9.583	22.6	ng	4742330	2	10.754	4193560	20.0
Naphthalene, de...	9.678	18.8	ng	3939800	2	10.754	4193560	20.0
Cyclohexane, pe...	9.883	13.3	ng	2787920	2	10.754	4193560	20.0
1-Methyldecahyd...	9.942	22.1	ng	4633450	2	10.754	4193560	20.0
Cyclohexane, he...	11.466	18.9	ng	3965580	2	10.754	4193560	20.0
Heptane, 3-ethy...	11.795	26.1	ng	5483330	2	10.754	4193560	20.0
Dodecane, 2,7,1...	13.136	23.7	ng	4725380	3	14.583	3990520	20.0
Tritetracontane	14.077	24.4	ng	4871640	3	14.583	3990520	20.0
Heptacosane	15.842	18.0	ng	3596970	3	14.583	3990520	20.0
Heptadecane, 2,...	16.318	57.7	ng	7561170	4	17.324	2619750	20.0
Tetradecane, 1-...	17.142	39.2	ng	5133280	4	17.324	2619750	20.0
2-Bromo dodecane	17.748	14.0	ng	1831550	4	17.324	2619750	20.0