LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034376.D
Acq On : 24 Mar 2022 23:30
Operator : CG/JU
Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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: BM034376.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.949	287	291	297	rBV	676970	1041362	8.01%	0.347%
2	5.113	314	319	325	rBV2	1226625	2149444	16.53%	0.715%
3	5.355	356	360	369	rVB	1518056	2442550	18.79%	0.813%
4	5.496	376	384	392	rBV5	393116	1055604	8.12%	0.351%
5	5.619	398	405	414	rVB4	512446	1253890	9.64%	0.417%
6	5.731	414	424	430	rBV2	854467	1627732	12.52%	0.542%
7	5.802	430	436	441	rBV3	1335821	2591355	19.93%	0.863%
8	5.884	445	450	454	rVV2	2069005	3317965	25.52%	1.104%
9	5.949	454	461	469	rVB	1425194	2892826	22.25%	0.963%
10	6.025	469	474	484	rBV	1157507	1874048	14.41%	0.624%
11	6.113	484	489	497	rVB2	468246	822381	6.32%	0.274%
12	6.207	497	505	513	rBV5	3274151	8292092	63.77%	2.760%
13	6.425	536	542	549	rBV4	3592483	8160647	62.76%	2.716%
14	6.496	549	554	558	rBV2	1855668	2753383	21.18%	0.917%
15	6.572	558	567	571	rBV4	3883675	9211436	70.84%	3.066%
16	6.607	571	573	580	rVB2	2587830	3555608	27.35%	1.184%
17	6.696	584	588	593	rVB3	1214417	1848028	14.21%	0.615%
18	6.754	593	598	605	rVB4	1585797	2883889	22.18%	0.960%
19	6.825	605	610	611	rBV3	1491777	2181983	16.78%	0.726%
20	6.919	618	626	633	rBV5	1238011	3217032	24.74%	1.071%
21	7.037	641	646	649	rBV2	1422496	2208348	16.98%	0.735%
22	7.084	649	654	661	rVB3	4323096	8922147	68.62%	2.970%
23	7.225	670	678	681	rBV	831092	1582875	12.17%	0.527%
24	7.272	681	686	691	rVV3	1882561	4083346	31.40%	1.359%
25	7.325	691	695	699	rVV3	2288895	3687689	28.36%	1.228%
26	7.366	699	702	705	rVV2	1229536	1997893	15.37%	0.665%
27	7.401	705	708	709	rVV2	1474313	1858069	14.29%	0.619%
28	7.431	709	713	718	rVV	3411945	6846663	52.66%	2.279%
29	7.507	722	726	738	rVB4	2760685	7199138	55.37%	2.396%
30	7.607	738	743	744	rBV3	818813	1288553	9.91%	0.429%
31	7.631	744	747	749	rVV	959354	1513126	11.64%	0.504%
32	7.666	749	753	759	rVV4	1821473	3488742	26.83%	1.161%
33	7.719	759	762	765	rVV	742726	932607	7.17%	0.310%
34	7.760	765	769	776	rVV6	1554472	4056324	31.20%	1.350%
35	7.848	779	784	787	rVV2	2350095	4385270	33.73%	1.460%
36	7.878	787	789	792	rVV2	1904756	2713988	20.87%	0.903%

LSC Area Percent Report

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Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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

37	7.931	792	798	804	rVB4	2781434	6351325	48.85%	2.114%
38	8.019	808	813	819	rVV3	1671136	3358727	25.83%	1.118%
39	8.078	819	823	825	rVV2	725197	1256205	9.66%	0.418%
40	8.143	828	834	838	rVV2	3788743	6737023	51.81%	2.243%
41	8.178	838	840	842	rVV2	1144612	1408701	10.83%	0.469%
42	8.237	842	850	857	rVV4	3840995	10570542	81.30%	3.519%
43	8.301	857	861	868	rVV2	1766396	3335377	25.65%	1.110%
44	8.395	873	877	881	rVV3	1272160	2489508	19.15%	0.829%
45	8.443	881	885	893	rVV5	1211632	3561872	27.39%	1.186%
46	8.513	893	897	903	rVB	2326037	3673947	28.26%	1.223%
47	8.648	914	920	925	rBV4	1097160	2109697	16.23%	0.702%
48	8.784	939	943	948	rBV	3131301	4850017	37.30%	1.614%
49	8.943	965	970	979	rBV5	631946	1715679	13.20%	0.571%
50	9.060	980	990	1000	rBV3	5130577	13002309	100.00%	4.328%
51	9.154	1000	1006	1014	rVB7	2158484	4245990	32.66%	1.413%
52	9.225	1014	1018	1022	rVB3	1239631	1936391	14.89%	0.645%
53	9.278	1022	1027	1029	rBV3	2281666	4002594	30.78%	1.332%
54	9.407	1039	1049	1050	rBV4	1011937	2367876	18.21%	0.788%
55	9.542	1059	1072	1075	rBV10	736595	2855787	21.96%	0.951%
56	9.584	1075	1079	1085	rVV2	1623983	3796286	29.20%	1.264%
57	9.678	1089	1095	1100	rVV2	2643686	5196621	39.97%	1.730%
58	9.842	1118	1123	1126	rBV2	1417489	2242889	17.25%	0.747%
59	9.884	1126	1130	1134	rVB	2245016	3117874	23.98%	1.038%
60	9.942	1134	1140	1148	rBV5	3506618	6015563	46.27%	2.002%
61	10.160	1172	1177	1182	rBV2	1210095	2172684	16.71%	0.723%
62	10.213	1182	1186	1191	rVB4	646383	1243898	9.57%	0.414%
63	10.348	1203	1209	1219	rBV6	873230	2250832	17.31%	0.749%
64	10.460	1223	1228	1232	rBV2	984862	1720457	13.23%	0.573%
65	10.542	1238	1242	1247	rVB3	556975	929395	7.15%	0.309%
66	10.625	1252	1256	1259	rBV2	741354	1162569	8.94%	0.387%
67	10.660	1259	1262	1267	rVB2	580371	805534	6.20%	0.268%
68	10.754	1269	1278	1283	rBV4	1686057	4553510	35.02%	1.516%
69	10.878	1295	1299	1304	rVB4	775008	1255006	9.65%	0.418%
70	10.925	1304	1307	1312	rVB3	634416	888599	6.83%	0.296%
71	10.984	1312	1317	1323	rBV3	678391	1230682	9.47%	0.410%
72	11.060	1327	1330	1335	rVB4	602702	923891	7.11%	0.308%
73	11.260	1360	1364	1370	rVB2	1000087	1554377	11.95%	0.517%
74	11.466	1388	1399	1405	rVB5	1665282	4688695	36.06%	1.561%
75	11.542	1407	1412	1417	rBV4	455375	926586	7.13%	0.308%
76	11.795	1449	1455	1459	rBV	4156193	6363919	48.94%	2.118%

LSC Area Percent Report

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Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-3-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.954	1478	1482	1489	rVB5	566050	1103166	8.48%	0.367%
78	12.048	1495	1498	1502	rVB2	697068	951855	7.32%	0.317%
79	12.383	1552	1555	1564	rVB5	955423	2123864	16.33%	0.707%
80	12.495	1570	1574	1580	rBV4	417992	909558	7.00%	0.303%
81	12.878	1634	1639	1646	rVB2	1447948	2516169	19.35%	0.838%
82	13.136	1678	1683	1688	rVB	3786188	5362833	41.25%	1.785%
83	13.401	1724	1728	1732	rBV3	589919	947015	7.28%	0.315%
84	13.648	1767	1770	1778	rVB5	519328	937792	7.21%	0.312%
85	13.860	1802	1806	1809	rBV5	464136	751840	5.78%	0.250%
86	13.907	1811	1814	1819	rVB2	636582	1027395	7.90%	0.342%
87	14.072	1838	1842	1847	rVB	3837784	5202347	40.01%	1.732%
88	14.136	1847	1853	1857	rBV4	586560	1054921	8.11%	0.351%
89	14.283	1875	1878	1885	rBV4	420777	843785	6.49%	0.281%
90	14.425	1898	1902	1908	rVB2	797283	1310494	10.08%	0.436%
91	14.583	1921	1929	1936	rBV2	1852357	3882386	29.86%	1.292%
92	14.983	1994	1997	2002	rVB3	740078	1085033	8.34%	0.361%
93	15.107	2014	2018	2029	rVB4	1112813	1924777	14.80%	0.641%
94	15.201	2030	2034	2039	rBV	568496	1015688	7.81%	0.338%
95	15.842	2138	2143	2149	rVB	2016111	3154769	24.26%	1.050%
96	16.048	2175	2178	2187	rVB4	485211	1051340	8.09%	0.350%
97	16.319	2218	2224	2229	rBV	2787880	4143964	31.87%	1.379%
98	17.142	2359	2364	2374	rVB	1927607	3135332	24.11%	1.044%
99	17.324	2391	2395	2399	rBV	1562538	2207658	16.98%	0.735%
100	17.748	2463	2467	2472	rVB	687259	960499	7.39%	0.320%

Sum of corrected areas: 300411947

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034376.D
Acq On : 24 Mar 2022 23:30
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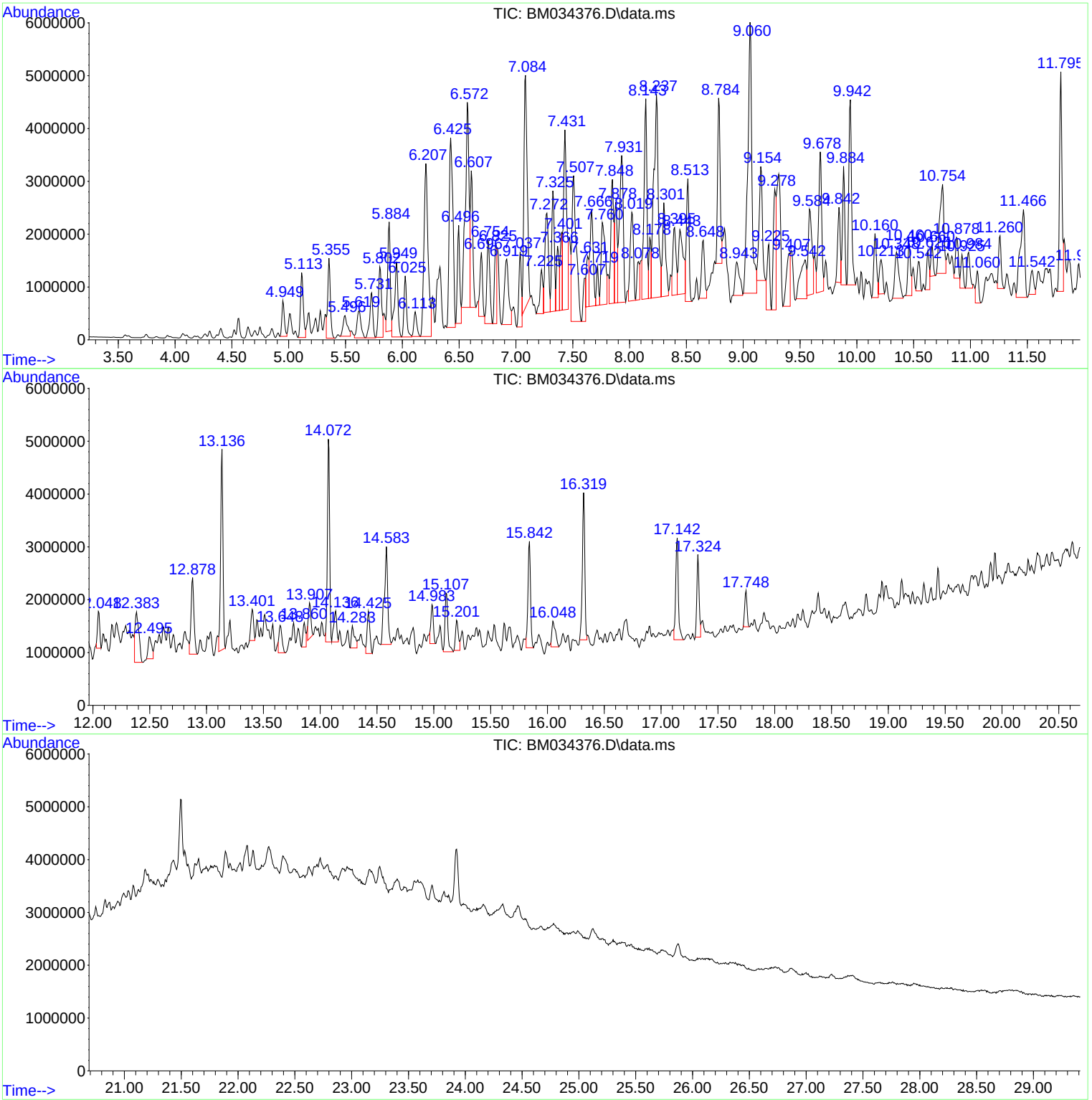
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
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Instrument :
BNA_M
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WC-14A-3-3

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

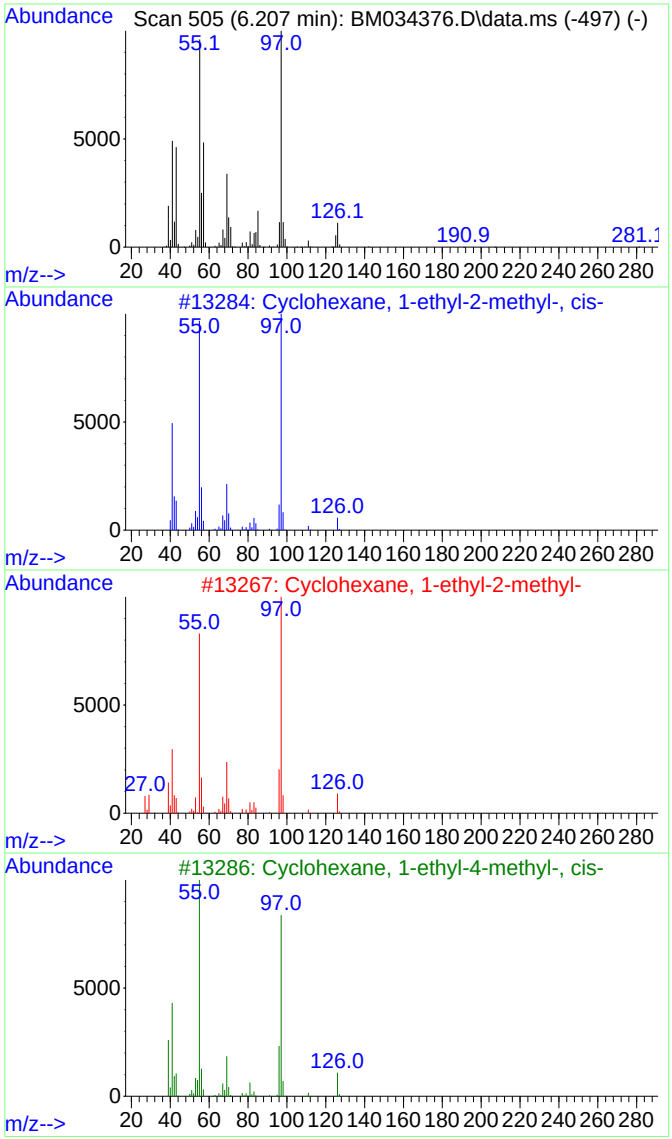
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

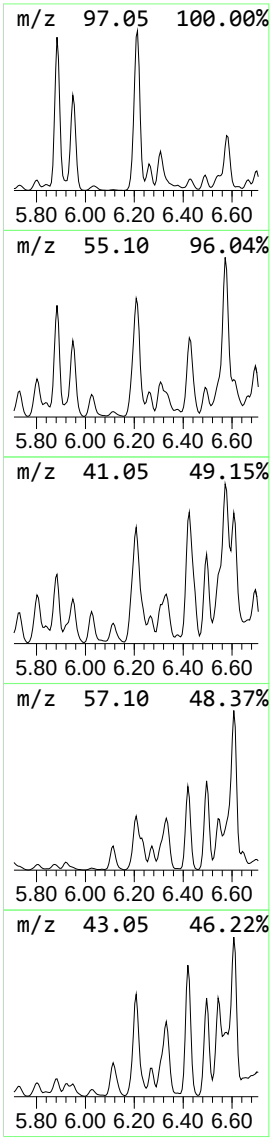
****

Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.207	26.11 ng	8292090	1,4-Dichlorobenzene-d4	7.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	76
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	68
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	64
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
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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

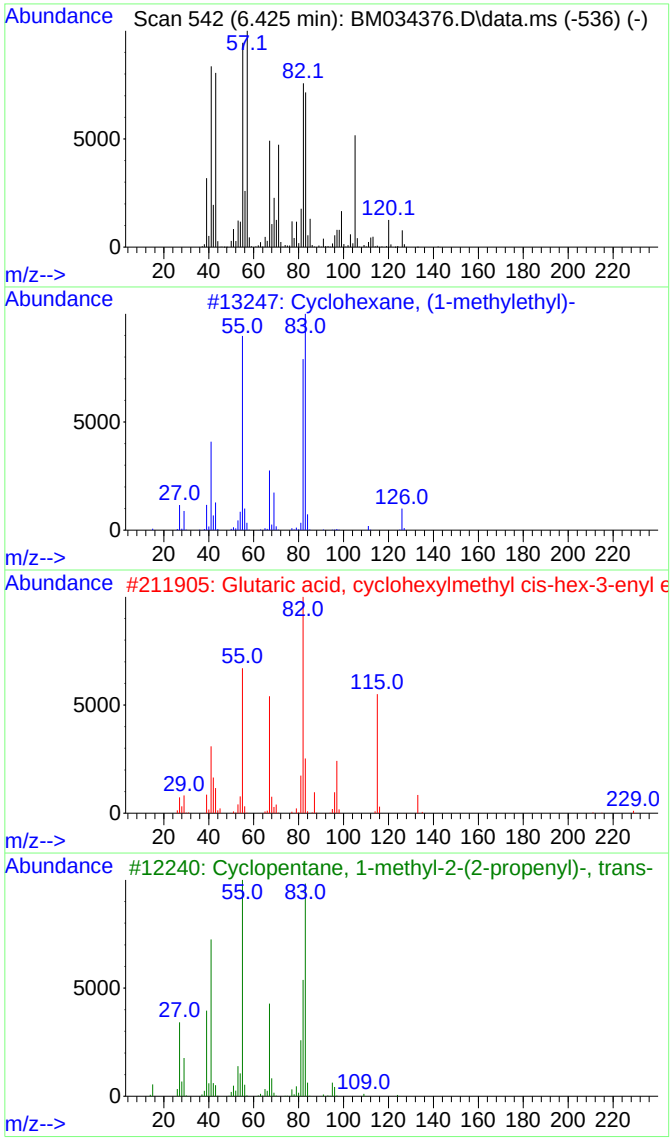
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

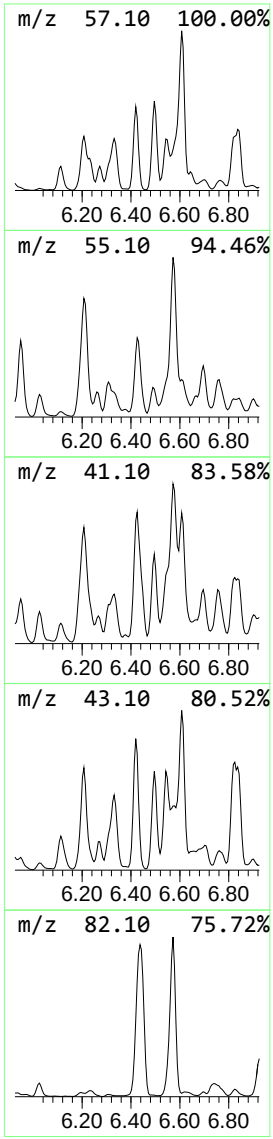
****

Peak Number 2 unknown6.425 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.425	25.70 ng	8160650	1,4-Dichlorobenzene-d4	7.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
2	Glutaric acid, cyclohexylmethyl ...	310	C18H30O4	1000394-02-8	38
3	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	38
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27
5	3-Hexen-1-ol	100	C6H12O	000544-12-7	25





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

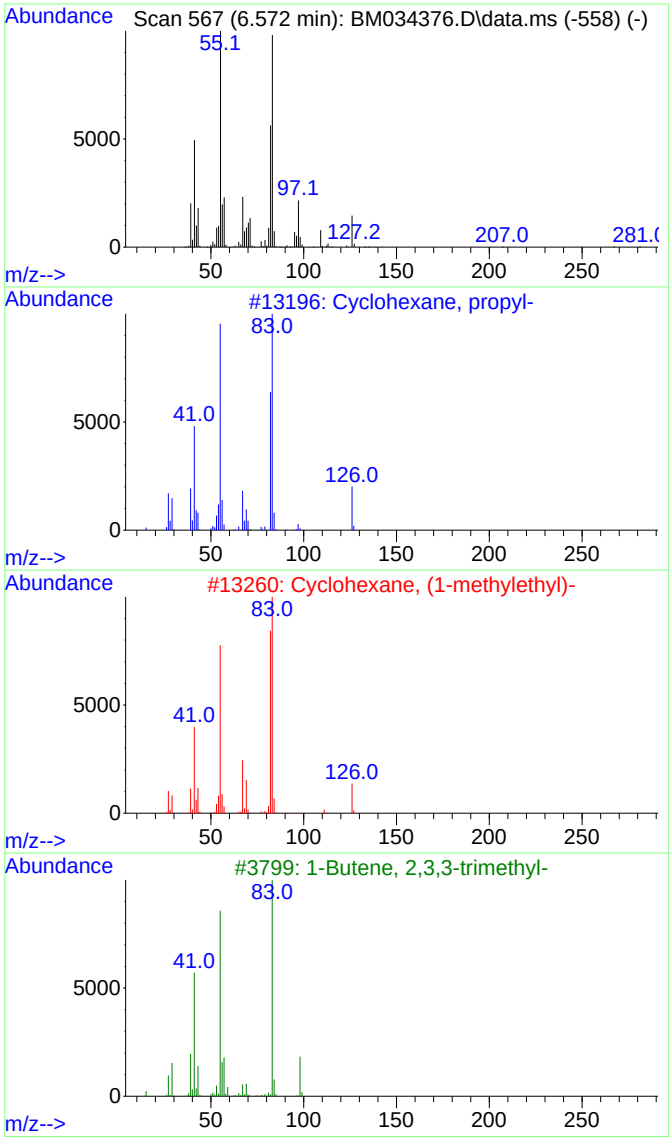
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

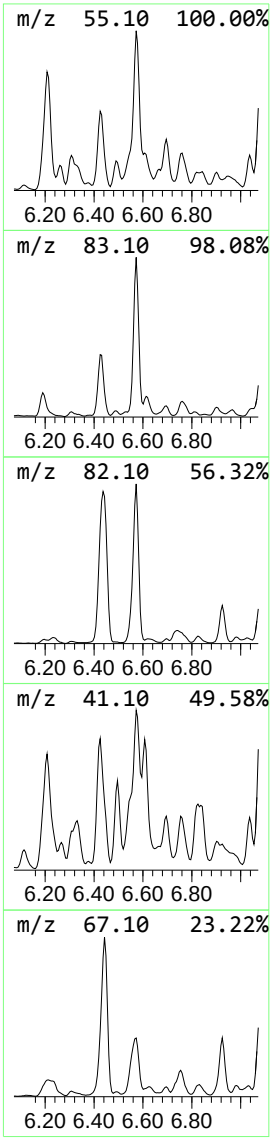
****

Peak Number 3 Cyclohexane, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.572	29.01 ng	9211440	1,4-Dichlorobenzene-d4	7.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	46
4	Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	43
5	1-Cyclohexylethanol, trifluoroac...	224	C10H15F3O2	1000365-19-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
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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

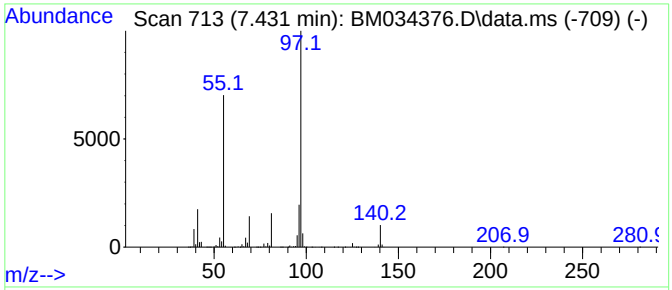
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

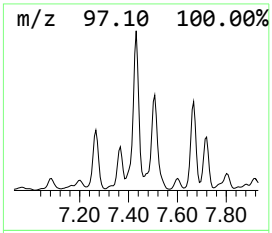
****

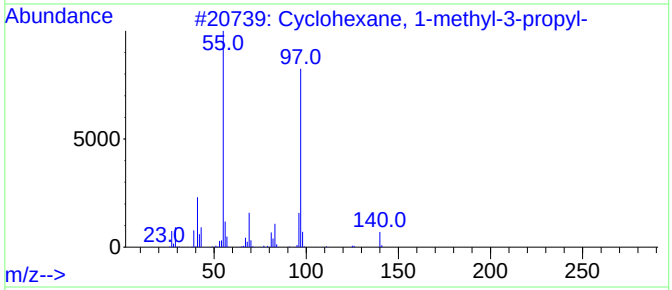
Peak Number 4 Cyclohexane, 1-methyl-3-pro... Concentration Rank 13

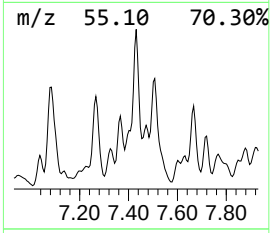
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.431	21.56 ng	6846660	1,4-Dichlorobenzene-d4	7.943

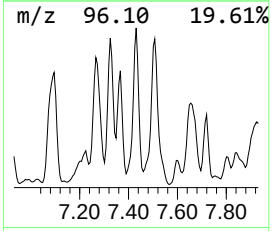
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	78
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	59
5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	58

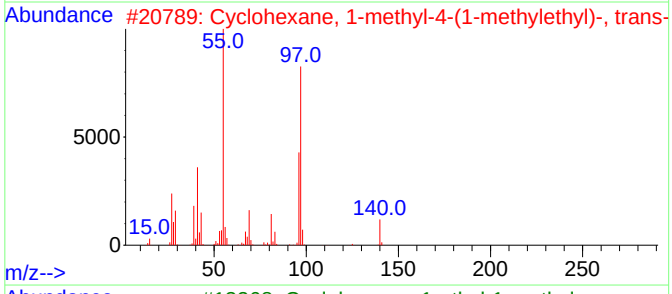


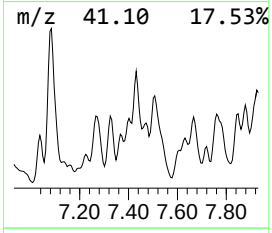


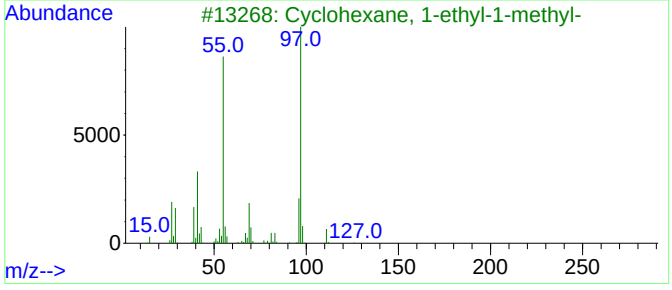


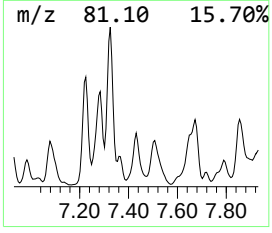












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Data File : BM034376.D
Acq On : 24 Mar 2022 23:30
Operator : CG/JU
Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

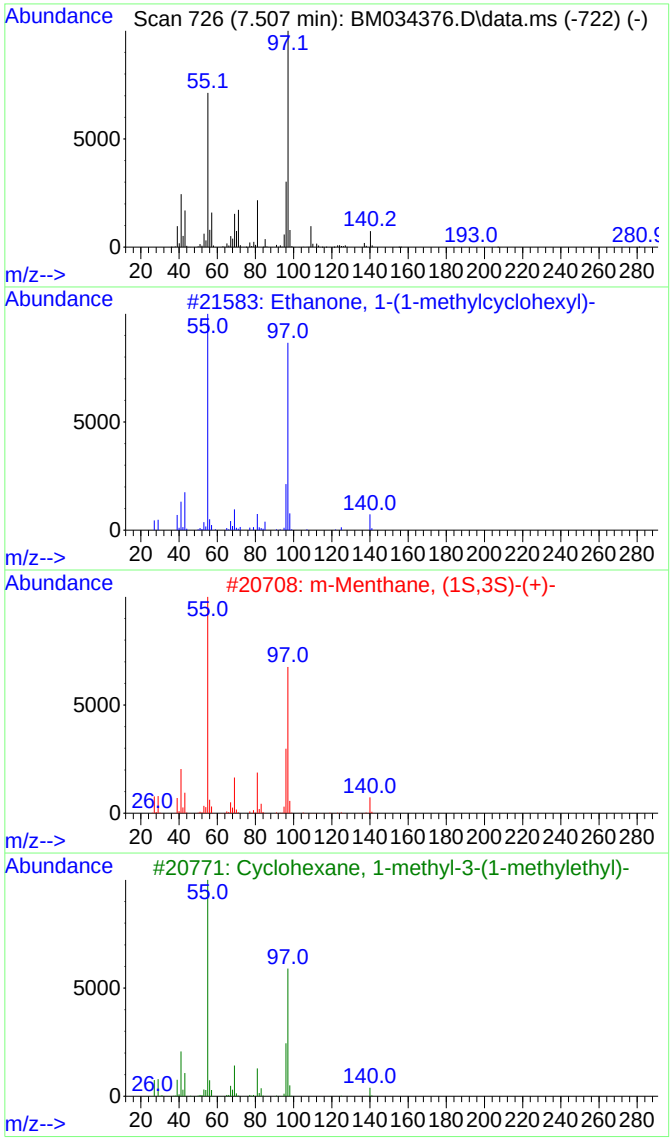
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

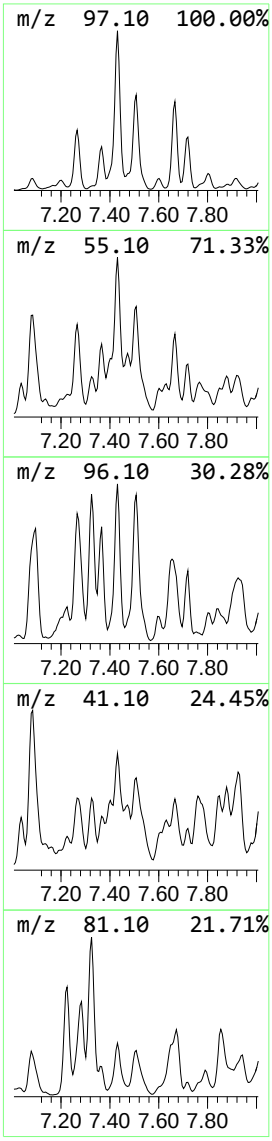
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanone, 1-(1-methylcycloh... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.507	22.67 ng	7199140	1,4-Dichlorobenzene-d4	7.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
2	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64
3	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	59
4	Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	59
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58





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Operator : CG/JU
Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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

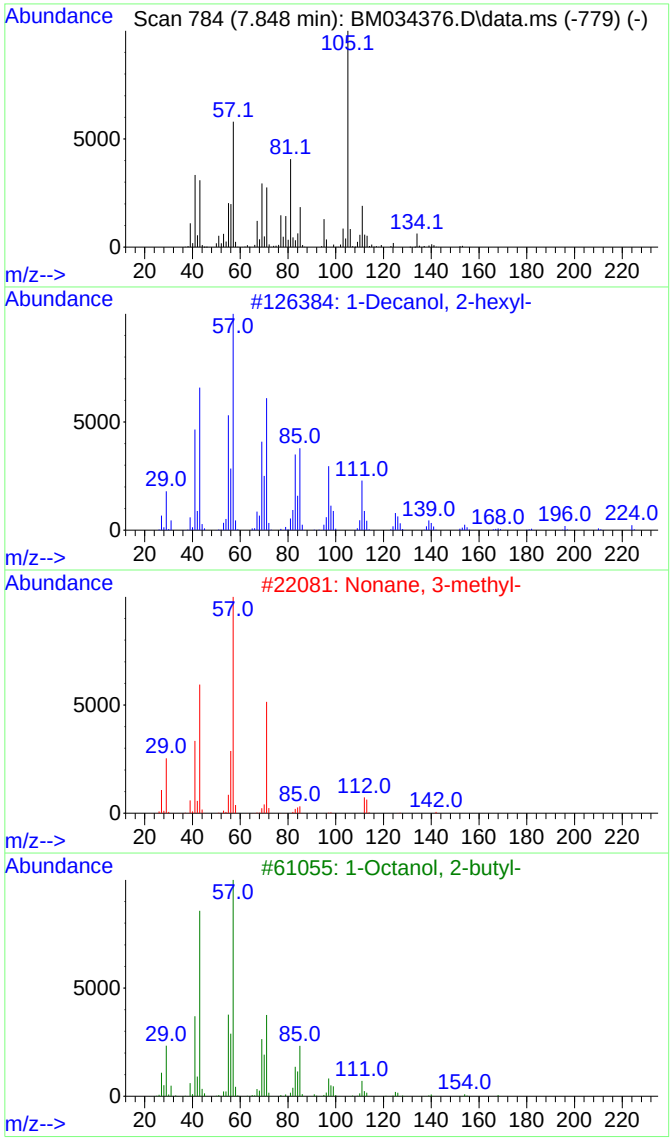
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

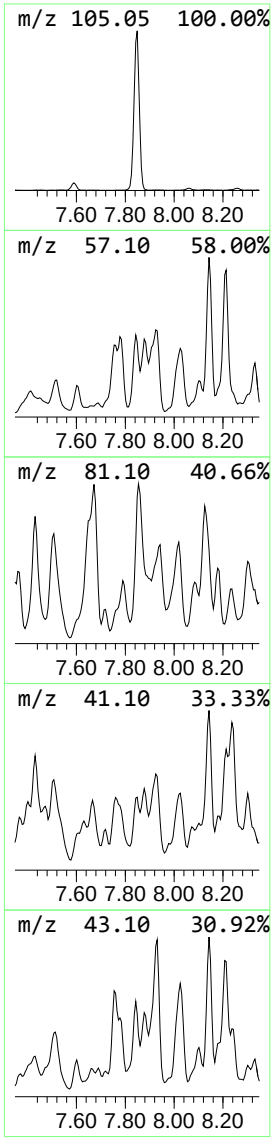
****

Peak Number 6 unknown7.848 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.848	13.81 ng	4385270	1,4-Dichlorobenzene-d4	7.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	32
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	27
3	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	25
4	Decanal	156	C10H20O	000112-31-2	22
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	18





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Acq On : 24 Mar 2022 23:30
Operator : CG/JU
Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

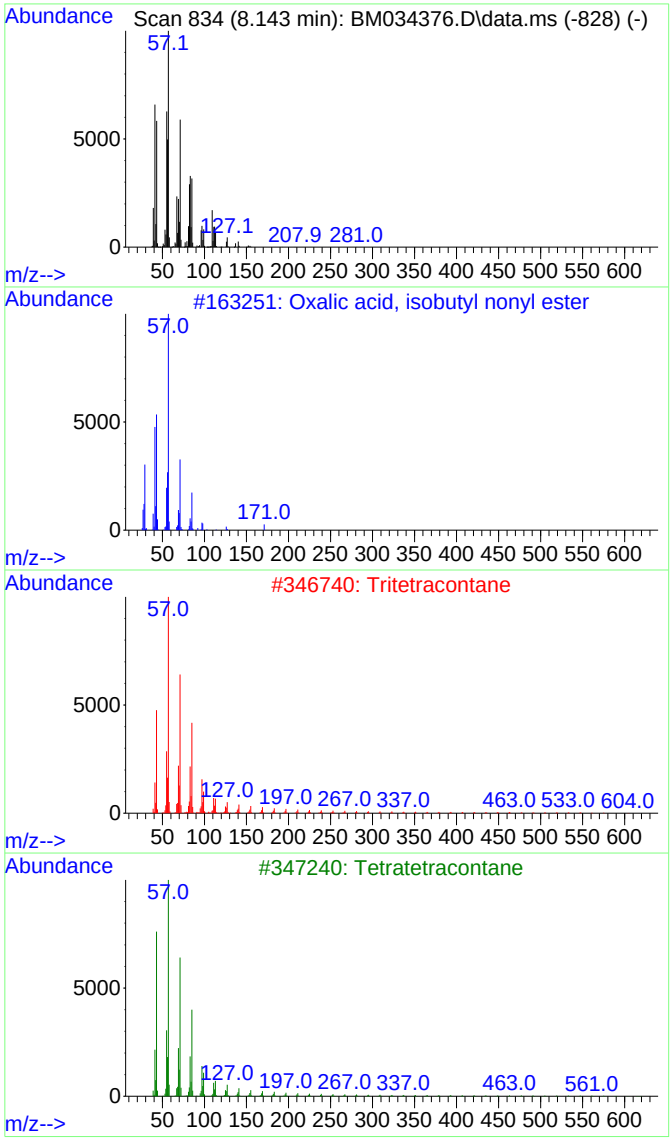
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

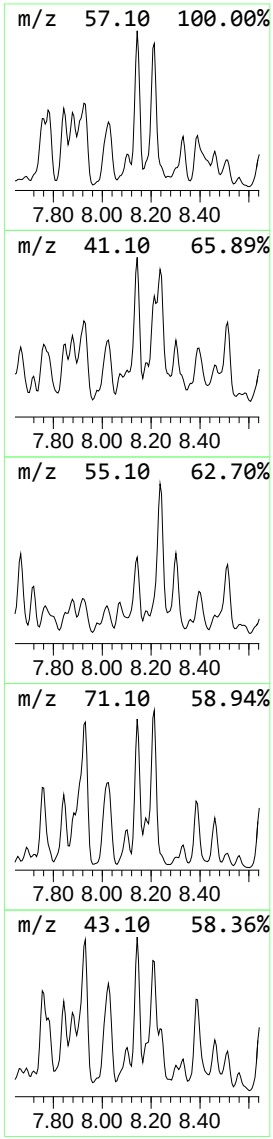
****

Peak Number 7 Oxalic acid, isobutyl nonyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.143	21.21 ng	6737020	1,4-Dichlorobenzene-d4	7.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	50
2	Tritetracontane	605	C43H88	007098-21-7	47
3	Tetratetracontane	619	C44H90	007098-22-8	46
4	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	43
5	Hexadecane	226	C16H34	000544-76-3	38





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Acq On : 24 Mar 2022 23:30
Operator : CG/JU
Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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

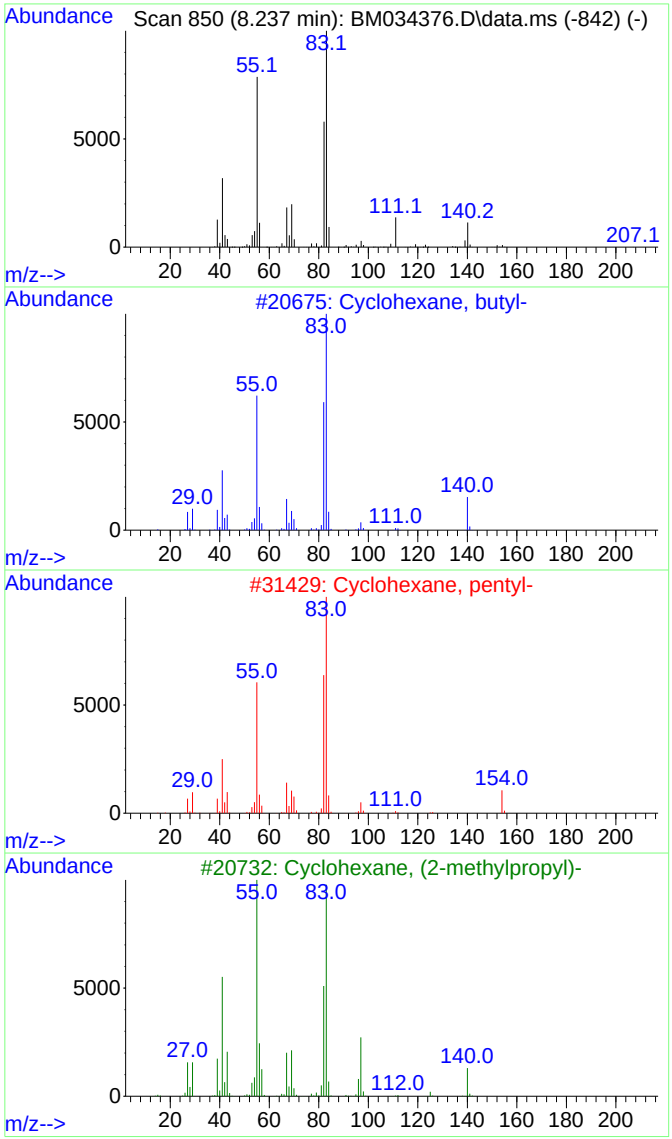
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

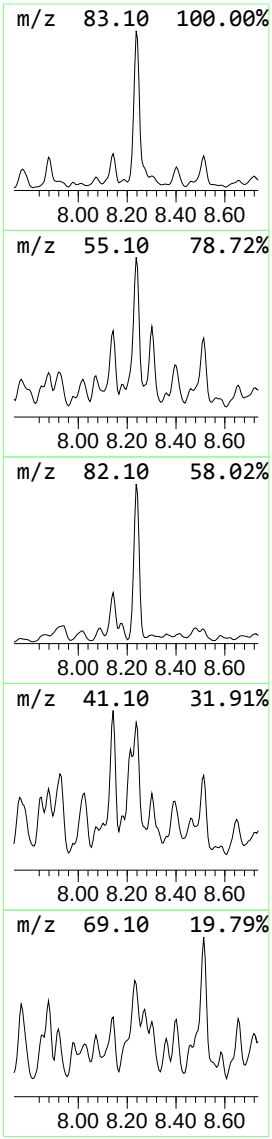
****

Peak Number 8 Cyclohexane, butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.237	33.29 ng	10570500	1,4-Dichlorobenzene-d4	7.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72





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Acq On : 24 Mar 2022 23:30
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Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

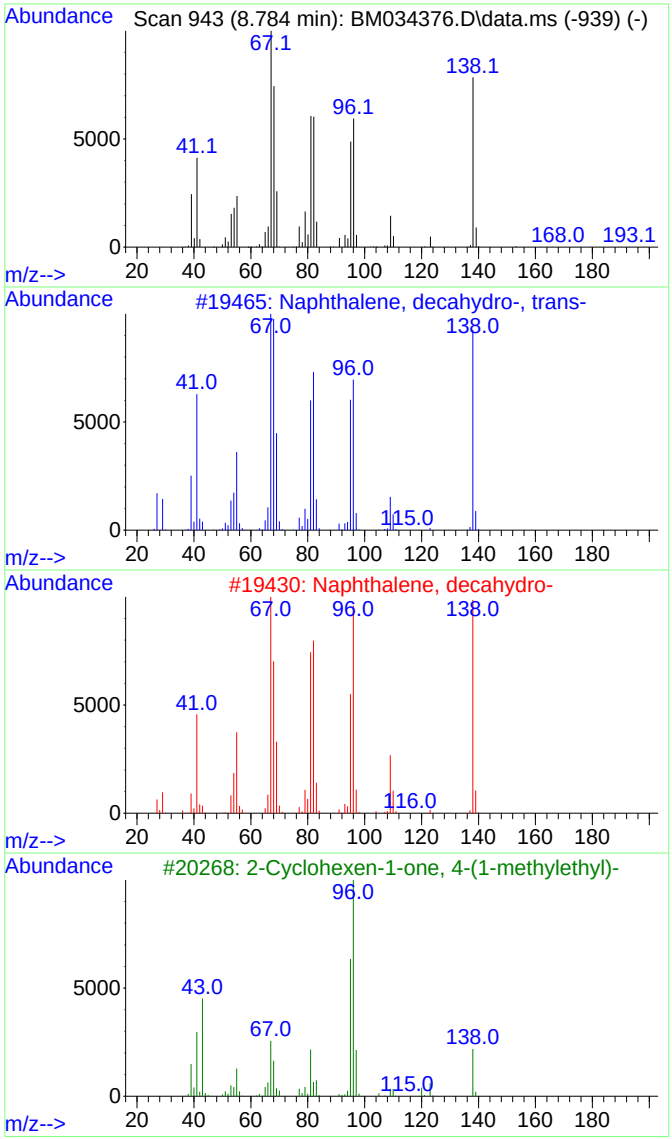
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

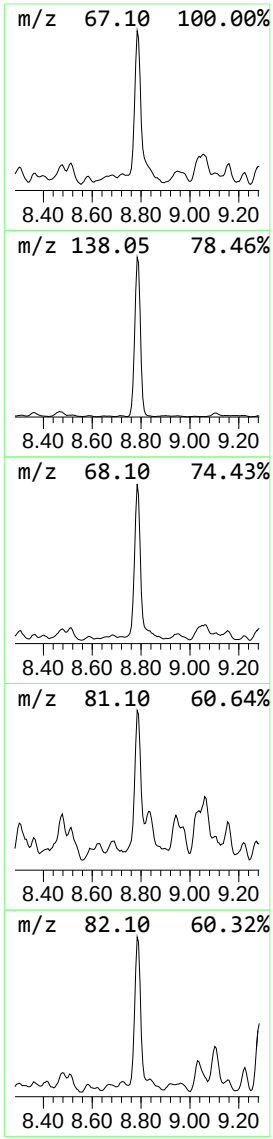
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, decahydro-, tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.784	15.27 ng	4850020	1,4-Dichlorobenzene-d4	7.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	2-Cyclohexen-1-one, 4-(1-methyle...	138	C9H14O	000500-02-7	80
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	74





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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

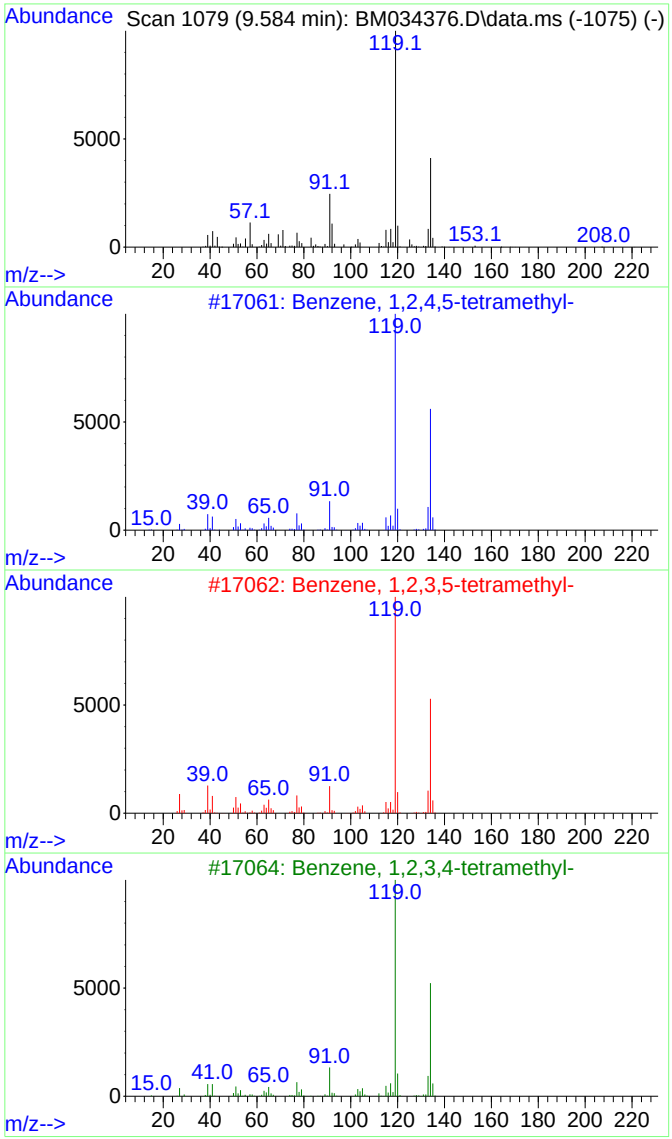
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

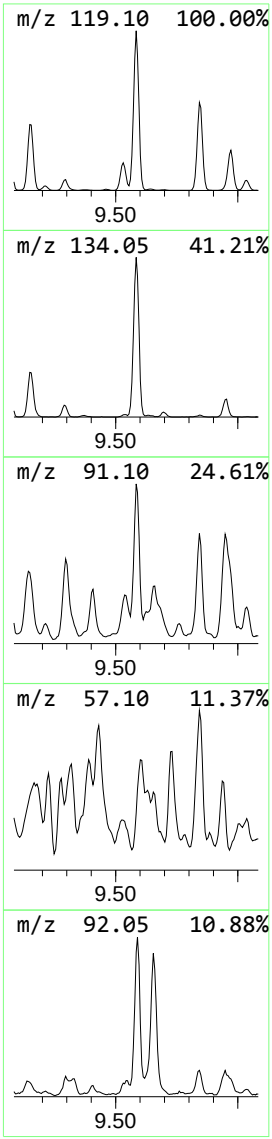
****

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.584	16.67 ng	3796290	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	93
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	p-Cymene	134	C10H14	000099-87-6	87





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Operator : CG/JU
Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-3-3

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

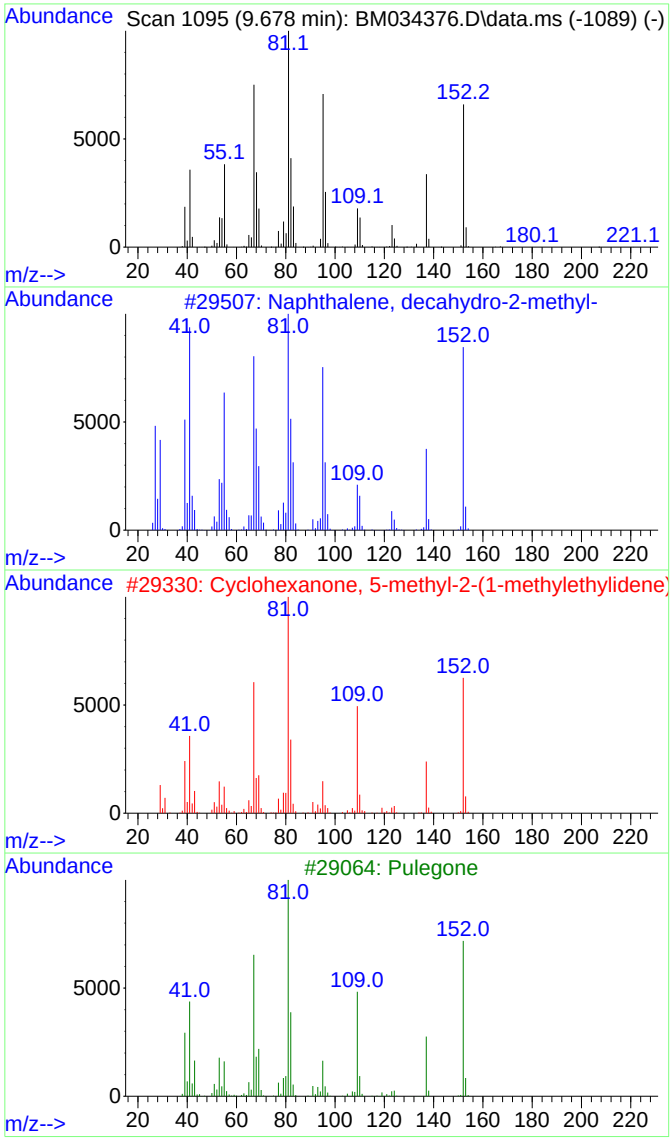
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

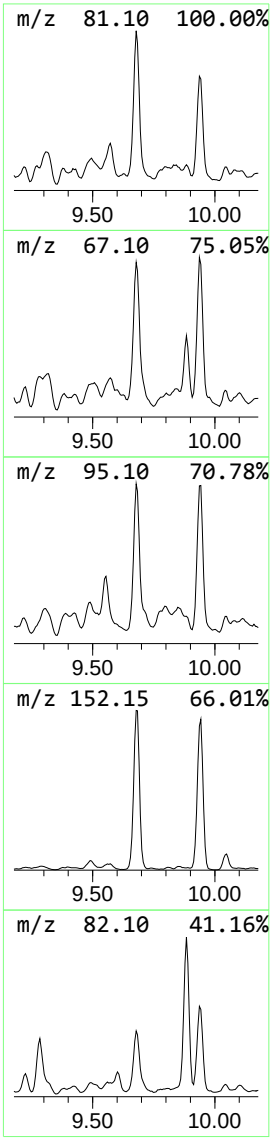
****

Peak Number 11 Naphthalene, decahydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.678	22.82 ng	5196620	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	87
3	Pulegone	152	C10H16O	000089-82-7	83
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70





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Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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

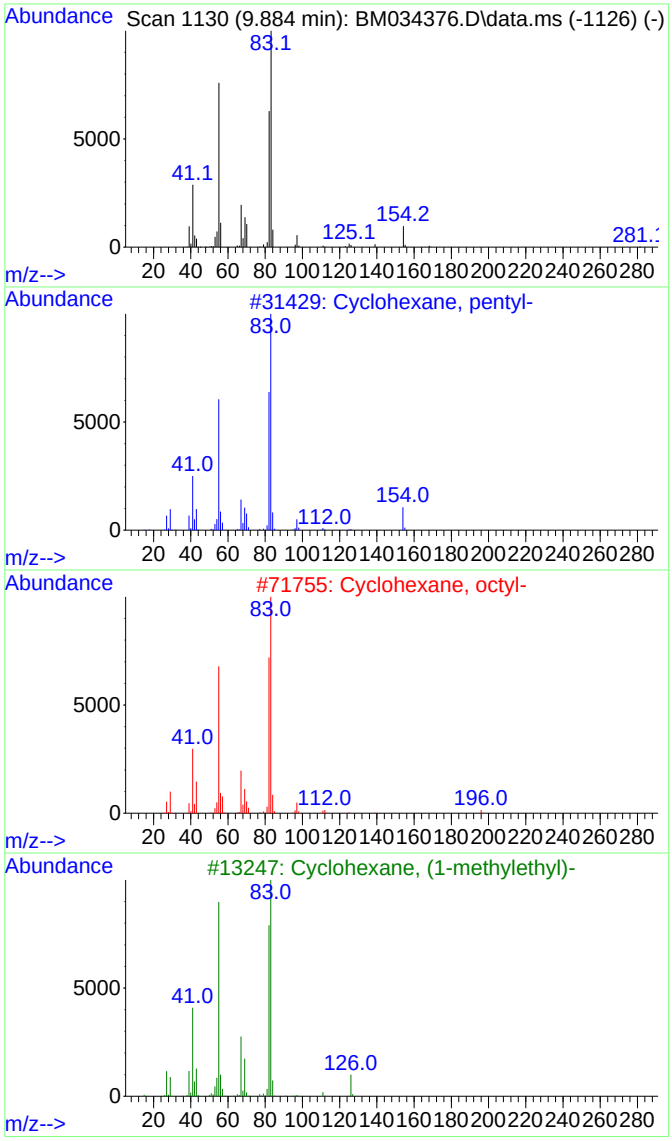
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

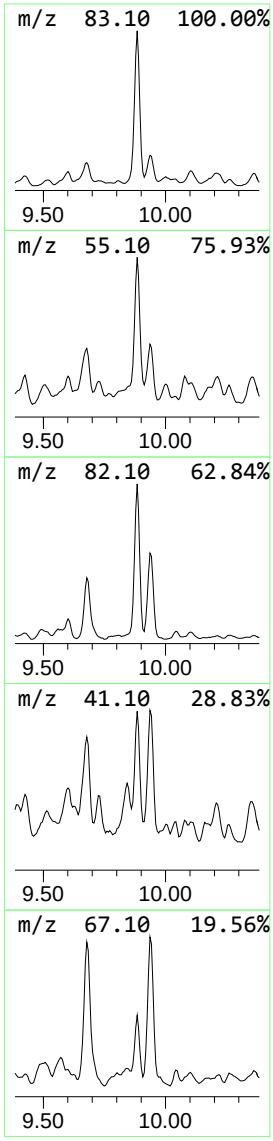
****

Peak Number 12 Cyclohexane, pentyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.884	13.69 ng	3117870	Naphthalene-d8	10.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	78
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	78





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-3-3

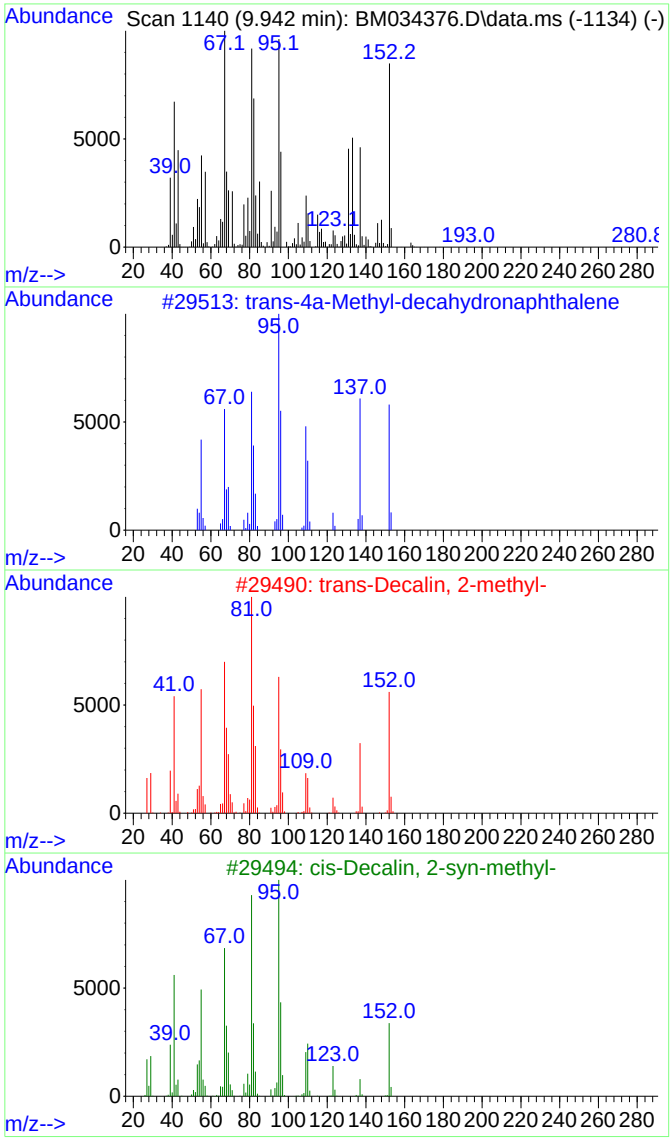
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

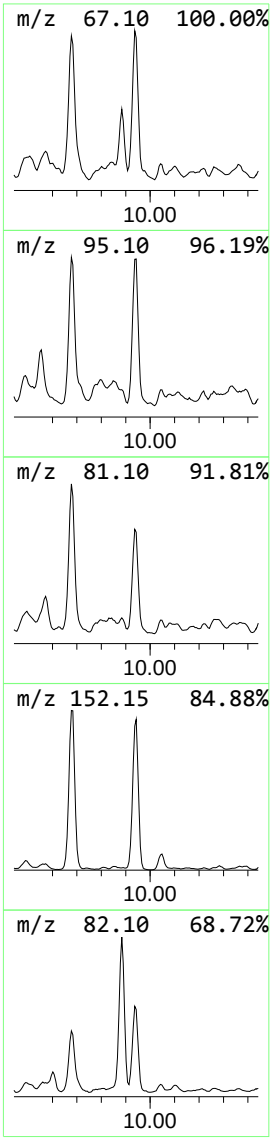
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 trans-4a-Methyl-decahydrona... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.942	26.42 ng	6015560	Naphthalene-d8	10.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
4	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	64
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58





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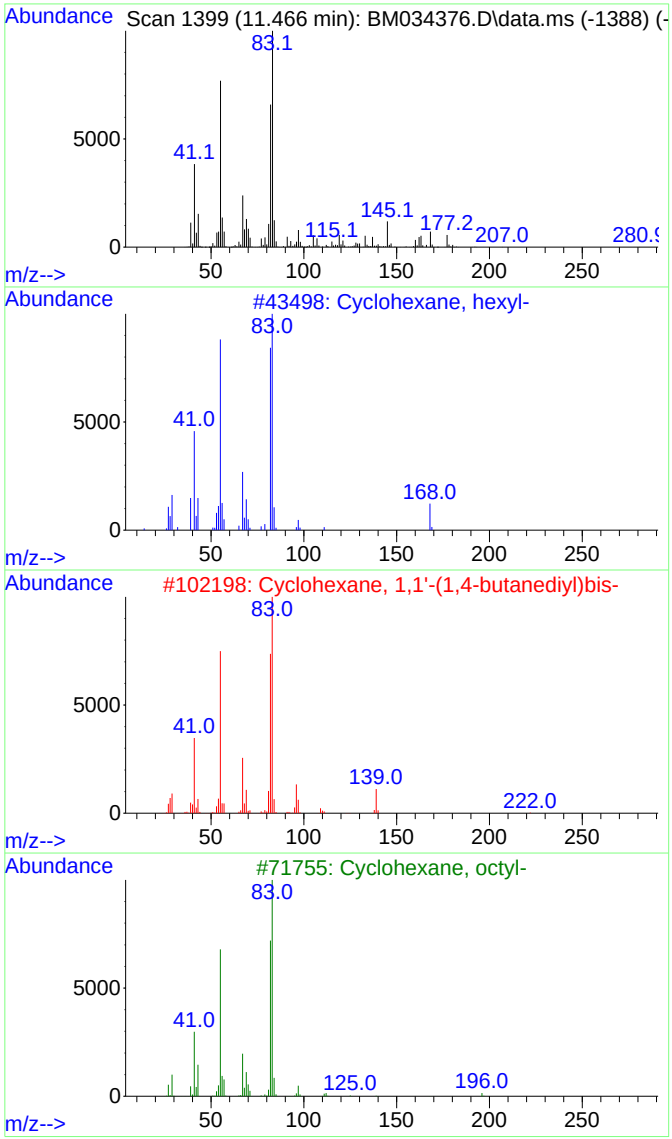
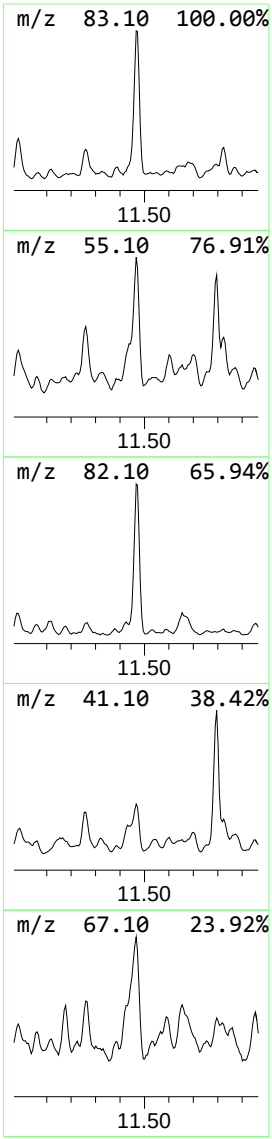
Peak Number 14 Cyclohexane, hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.466	20.59 ng	4688700	Naphthalene-d8	10.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	83
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	80
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	80
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72





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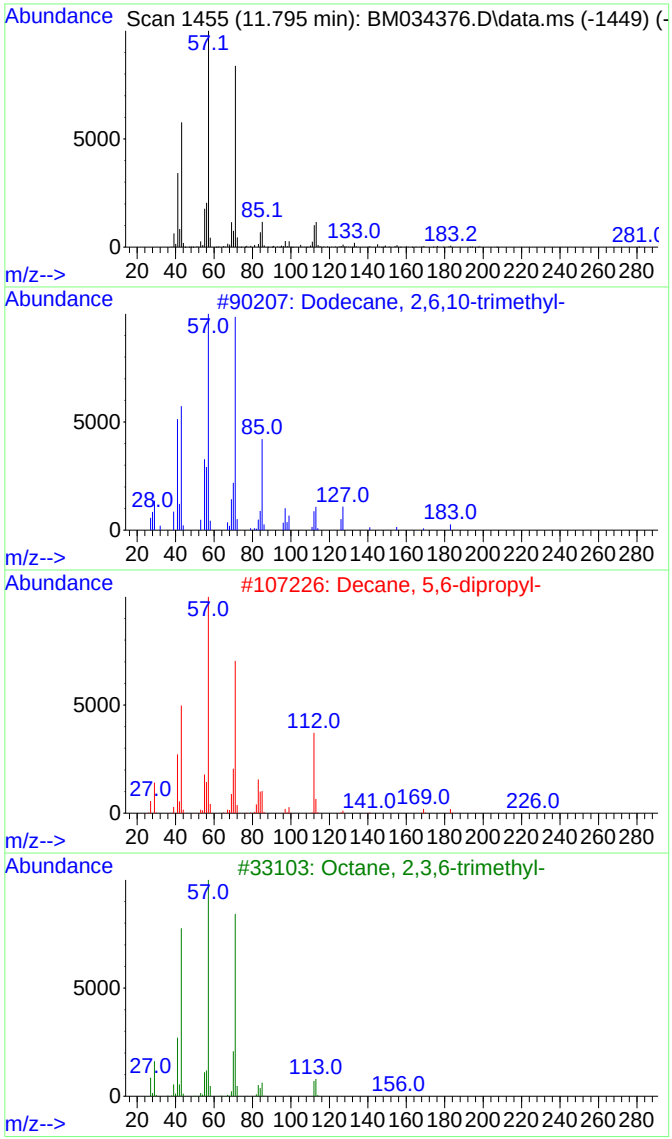
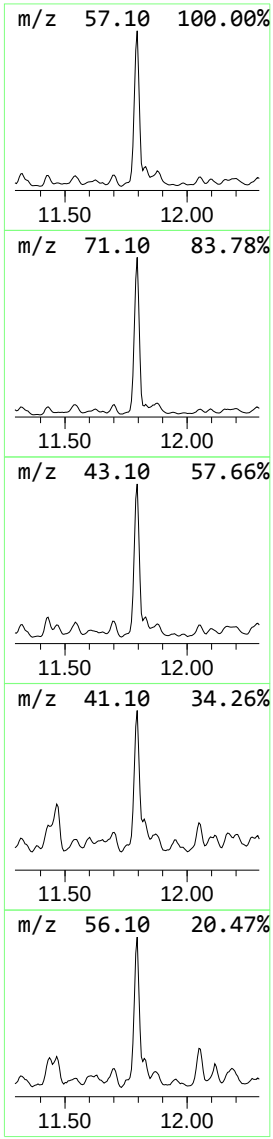
Peak Number 15 Dodecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.795	27.95 ng	6363920	Naphthalene-d8	10.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
2	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	78
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034376.D
Acq On : 24 Mar 2022 23:30
Operator : CG/JU
Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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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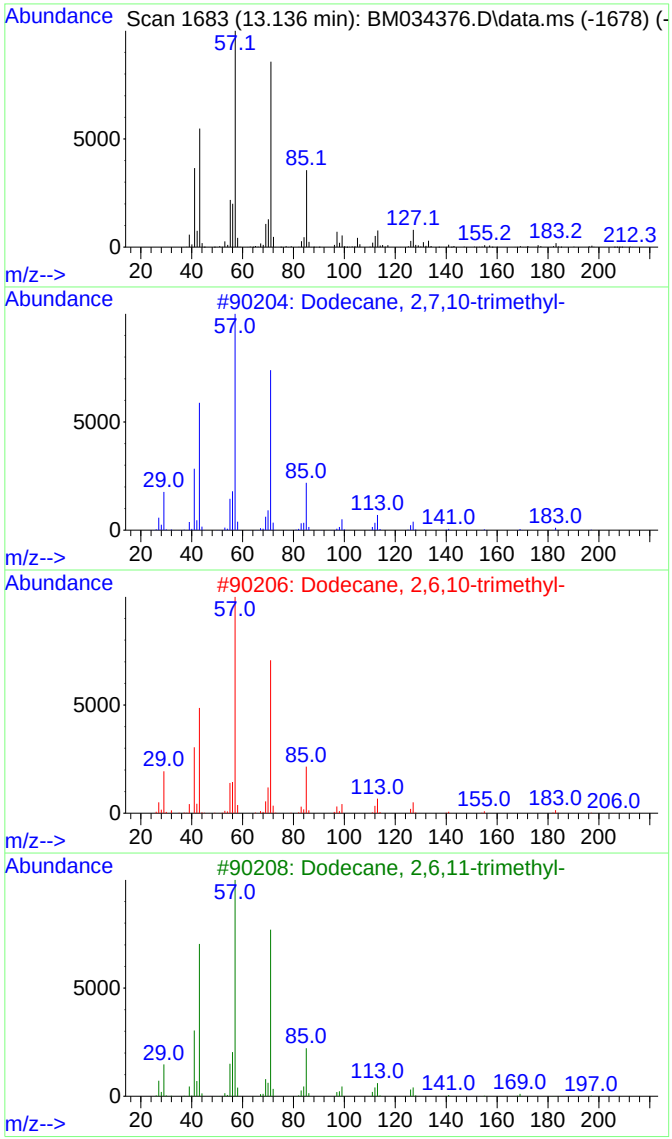
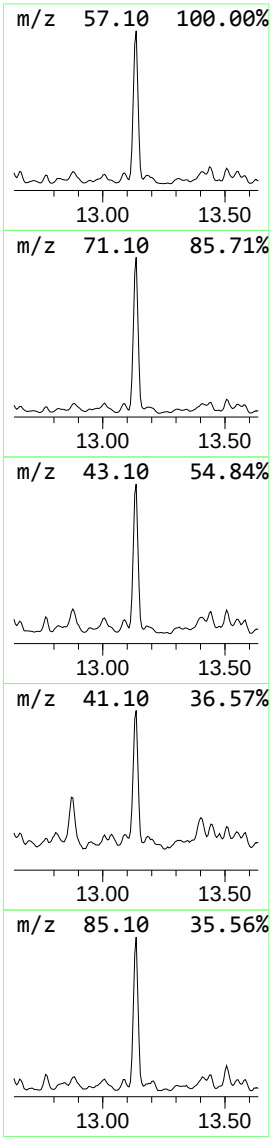
Peak Number 16 Dodecane, 2,7,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.136	27.63 ng	5362830	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, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034376.D
Acq On : 24 Mar 2022 23:30
Operator : CG/JU
Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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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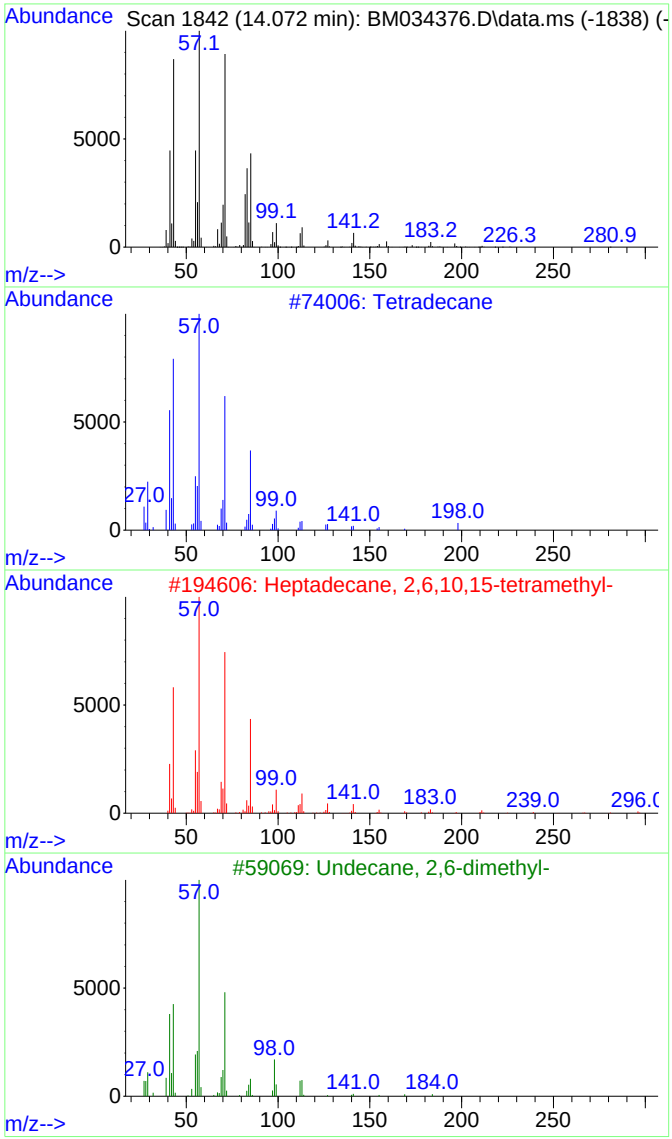
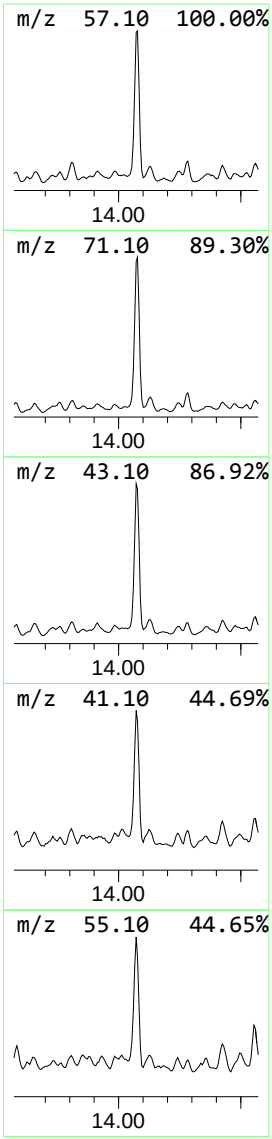
Peak Number 17 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.072	26.80 ng	5202350	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
4	Hexadecane	226	C16H34	000544-76-3	49
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	49





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Data File : BM034376.D
Acq On : 24 Mar 2022 23:30
Operator : CG/JU
Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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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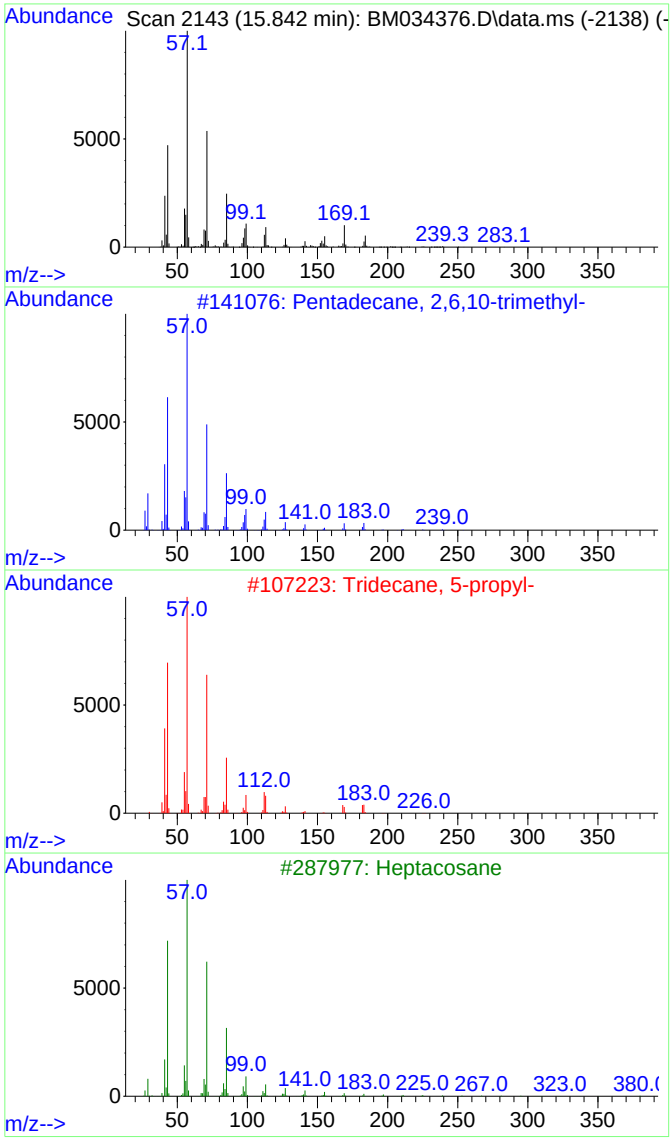
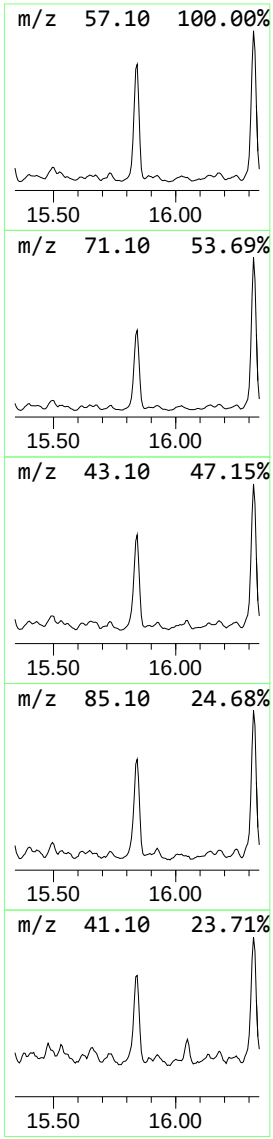
Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	16.25 ng	3154770	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Heptacosane	380	C27H56	000593-49-7	80
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 : BM034376.D
Acq On : 24 Mar 2022 23:30
Operator : CG/JU
Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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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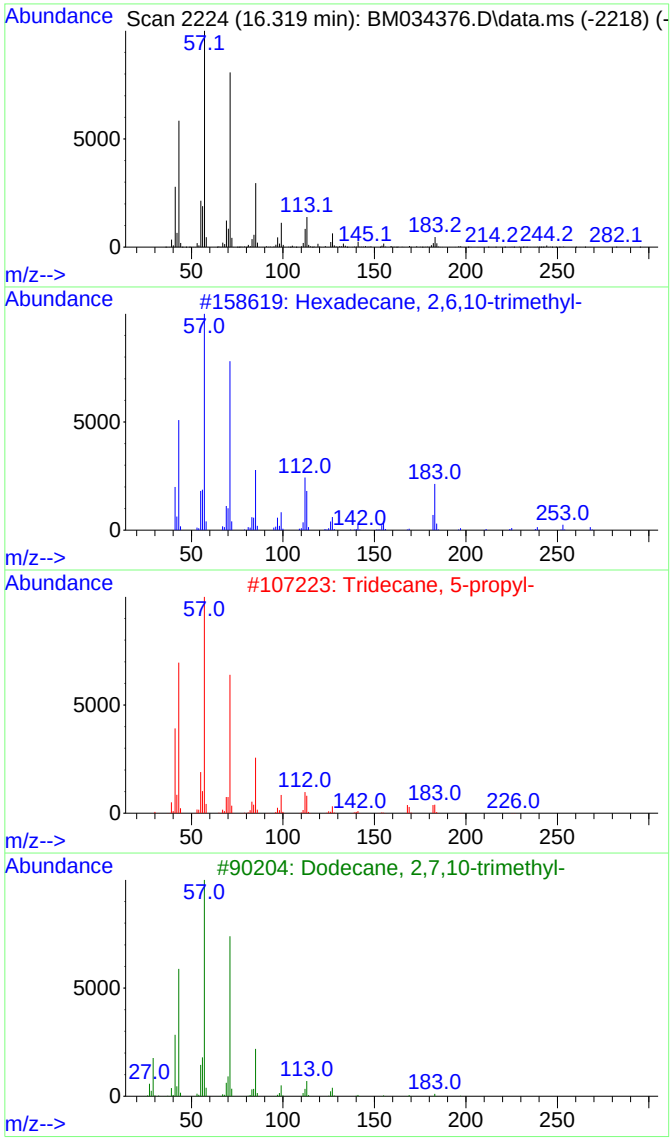
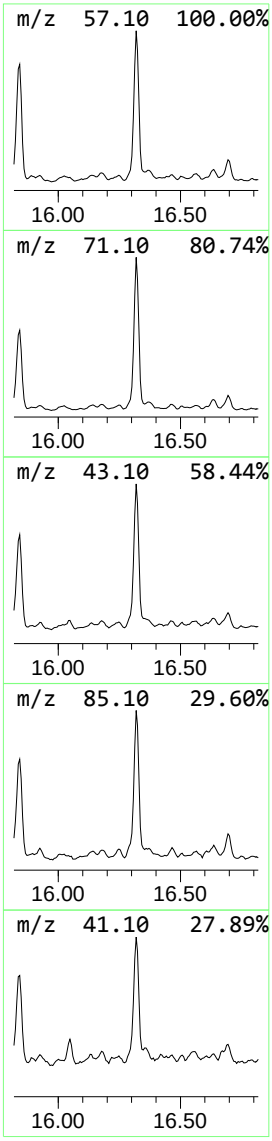
Peak Number 19 Hexadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.319	37.54 ng	4143960	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034376.D
Acq On : 24 Mar 2022 23:30
Operator : CG/JU
Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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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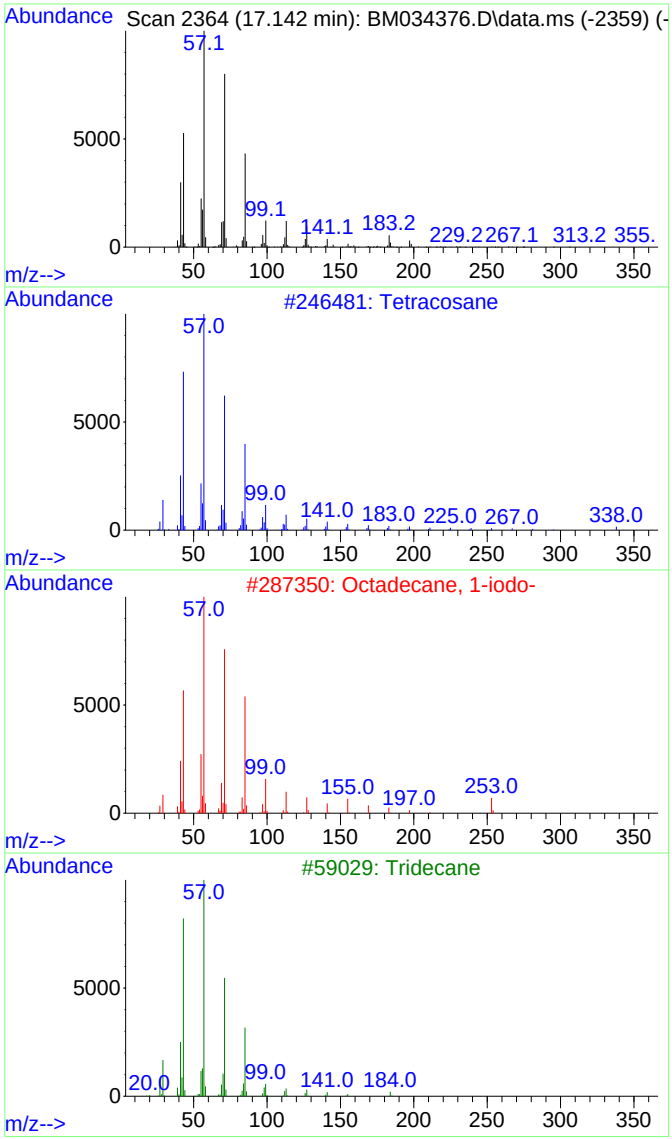
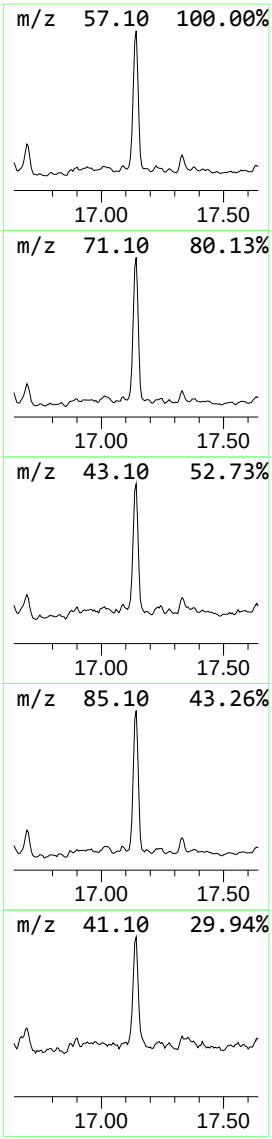
Peak Number 20 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.142	28.40 ng	3135330	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3	Tridecane	184	C13H28	000629-50-5	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034376.D
Acq On : 24 Mar 2022 23:30
Operator : CG/JU
Sample : N2077-15 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-14A-3-3

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, 1-...	6.207	26.1	ng	8292090	1	7.943	6351330	20.0
unknown6.425	6.425	25.7	ng	8160650	1	7.943	6351330	20.0
Cyclohexane, pr...	6.572	29.0	ng	9211440	1	7.943	6351330	20.0
Cyclohexane, 1-...	7.431	21.6	ng	6846660	1	7.943	6351330	20.0
Ethanone, 1-(1-...	7.507	22.7	ng	7199140	1	7.943	6351330	20.0
unknown7.848	7.848	13.8	ng	4385270	1	7.943	6351330	20.0
Oxalic acid, is...	8.143	21.2	ng	6737020	1	7.943	6351330	20.0
Cyclohexane, bu...	8.237	33.3	ng	10570500	1	7.943	6351330	20.0
Naphthalene, de...	8.784	15.3	ng	4850020	1	7.943	6351330	20.0
Benzene, 1,2,4,...	9.584	16.7	ng	3796290	2	10.754	4553510	20.0
Naphthalene, de...	9.678	22.8	ng	5196620	2	10.754	4553510	20.0
Cyclohexane, pe...	9.884	13.7	ng	3117870	2	10.754	4553510	20.0
trans-4a-Methyl...	9.942	26.4	ng	6015560	2	10.754	4553510	20.0
Cyclohexane, he...	11.466	20.6	ng	4688700	2	10.754	4553510	20.0
Dodecane, 2,6,1...	11.795	27.9	ng	6363920	2	10.754	4553510	20.0
Dodecane, 2,7,1...	13.136	27.6	ng	5362830	3	14.583	3882390	20.0
Tetradecane	14.072	26.8	ng	5202350	3	14.583	3882390	20.0
Pentadecane, 2,...	15.842	16.3	ng	3154770	3	14.583	3882390	20.0
Hexadecane, 2,6...	16.319	37.5	ng	4143960	4	17.324	2207660	20.0
Tetracosane	17.142	28.4	ng	3135330	4	17.324	2207660	20.0