LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033514.D
Acq On : 17 Dec 2021 20:06
Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

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-BM121621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033514.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.495	378	384	396	rVB	483194	761001	10.60%	0.636%
2	7.101	652	657	667	rVB	293649	526019	7.32%	0.440%
3	7.937	794	799	804	rVB	173042	278356	3.88%	0.233%
4	8.425	876	882	888	rBV	299912	513221	7.15%	0.429%
5	8.760	934	939	944	rBV2	151207	267105	3.72%	0.223%
6	9.042	975	987	992	rBV	1106290	2051188	28.56%	1.715%
7	9.119	992	1000	1009	rVV3	1299175	2777704	38.68%	2.323%
8	9.278	1023	1027	1035	rVB5	206348	465574	6.48%	0.389%
9	9.389	1036	1046	1054	rBV4	141513	357186	4.97%	0.299%
10	9.519	1054	1068	1070	rBV4	86173	288332	4.01%	0.241%
11	9.566	1070	1076	1084	rVB	600844	942738	13.13%	0.788%
12	9.654	1086	1091	1096	rBV2	196276	311543	4.34%	0.261%
13	9.825	1114	1120	1123	rVV2	211695	440498	6.13%	0.368%
14	9.854	1123	1125	1130	rVV2	190711	263024	3.66%	0.220%
15	9.919	1130	1136	1143	rVV4	344841	939135	13.08%	0.785%
16	9.989	1143	1148	1157	rVB	557491	1041799	14.51%	0.871%
17	10.142	1167	1174	1182	rBV2	2115025	3752143	52.24%	3.138%
18	10.207	1183	1185	1194	rVB3	111376	220457	3.07%	0.184%
19	10.325	1198	1205	1210	rBV4	194302	415771	5.79%	0.348%
20	10.442	1219	1225	1233	rBV2	289973	671582	9.35%	0.562%
21	10.595	1247	1251	1254	rBV3	131430	208188	2.90%	0.174%
22	10.725	1270	1273	1280	rVV2	665101	1489918	20.74%	1.246%
23	10.789	1280	1284	1291	rVB5	347249	719039	10.01%	0.601%
24	10.854	1291	1295	1301	rBV	500992	818596	11.40%	0.685%
25	10.960	1308	1313	1321	rVB2	288727	514909	7.17%	0.431%
26	11.113	1335	1339	1344	rBV3	203238	351726	4.90%	0.294%
27	11.213	1351	1356	1365	rVB2	613004	1208499	16.83%	1.011%
28	11.325	1371	1375	1379	rBV	300442	431465	6.01%	0.361%
29	11.407	1384	1389	1392	rBV2	391460	637540	8.88%	0.533%
30	11.525	1405	1409	1413	rVB4	140278	211109	2.94%	0.177%
31	11.660	1426	1432	1439	rVB	628573	1269399	17.67%	1.061%
32	11.766	1445	1450	1455	rBV	1585308	2456986	34.21%	2.055%
33	11.854	1460	1465	1471	rVB2	641052	1151606	16.03%	0.963%
34	11.942	1474	1480	1491	rBV2	1290440	2551523	35.53%	2.134%
35	12.072	1499	1502	1508	rVB2	262917	418965	5.83%	0.350%
36	12.136	1508	1513	1520	rBV3	347053	869397	12.10%	0.727%

LSC Area Percent Report

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Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.295	1536	1540	1545	rVB	1011968	1538181	21.42%	1.286%
38	12.372	1549	1553	1562	rVB5	464718	1059352	14.75%	0.886%
39	12.607	1589	1593	1596	rBV2	250173	359411	5.00%	0.301%
40	12.660	1596	1602	1607	rVV	924600	1621005	22.57%	1.356%
41	12.795	1621	1625	1630	rBV5	204495	364565	5.08%	0.305%
42	12.860	1631	1636	1642	rVB3	470000	903066	12.57%	0.755%
43	12.930	1642	1648	1651	rBV3	321752	647804	9.02%	0.542%
44	12.971	1652	1655	1658	rBV2	176415	237312	3.30%	0.198%
45	13.071	1669	1672	1674	rBV4	167310	233228	3.25%	0.195%
46	13.119	1674	1680	1686	rVB2	2297755	3634937	50.61%	3.040%
47	13.213	1691	1696	1700	rVB	2070186	3016723	42.00%	2.523%
48	13.360	1717	1721	1728	rBV2	706569	1423731	19.82%	1.191%
49	13.424	1729	1732	1736	rVB2	393928	499338	6.95%	0.418%
50	13.466	1736	1739	1741	rBV4	167667	238845	3.33%	0.200%
51	13.530	1746	1750	1753	rVB2	611643	877314	12.22%	0.734%
52	13.571	1754	1757	1761	rVB5	290216	390332	5.43%	0.326%
53	13.618	1761	1765	1767	rBV	478369	684982	9.54%	0.573%
54	13.748	1782	1787	1789	rBV	1467254	2240159	31.19%	1.873%
55	13.866	1803	1807	1808	rBV4	277141	344547	4.80%	0.288%
56	13.907	1809	1814	1820	rVB	1780901	3333409	46.41%	2.787%
57	14.001	1827	1830	1834	rVB3	578263	737894	10.27%	0.617%
58	14.060	1835	1840	1844	rBV	2928297	4207552	58.58%	3.518%
59	14.107	1844	1848	1851	rVV4	309346	553193	7.70%	0.463%
60	14.142	1851	1854	1864	rVB4	1015759	2573564	35.83%	2.152%
61	14.230	1865	1869	1873	rBV6	315499	454294	6.33%	0.380%
62	14.271	1873	1876	1878	rBV2	222476	266113	3.71%	0.223%
63	14.313	1879	1883	1890	rBV2	647029	1123795	15.65%	0.940%
64	14.413	1896	1900	1906	rVB3	667036	1154072	16.07%	0.965%
65	14.548	1918	1923	1926	rBV2	779612	1378180	19.19%	1.152%
66	14.583	1926	1929	1934	rVB2	765798	1110674	15.46%	0.929%
67	14.642	1935	1939	1941	rBV2	320543	497764	6.93%	0.416%
68	14.795	1960	1965	1973	rVB2	879149	2236312	31.14%	1.870%
69	14.877	1976	1979	1982	rBV	249183	373840	5.21%	0.313%
70	14.983	1992	1997	2005	rVB2	1632174	2700585	37.60%	2.258%
71	15.060	2006	2010	2013	rBV	994162	1246395	17.35%	1.042%
72	15.095	2013	2016	2021	rVB3	441514	602829	8.39%	0.504%
73	15.201	2029	2034	2040	rBV	981454	2045320	28.48%	1.710%
74	15.254	2040	2043	2047	rVB	735288	941326	13.11%	0.787%
75	15.301	2048	2051	2056	rVV7	249685	465627	6.48%	0.389%
76	15.471	2077	2080	2085	rBV3	209461	349531	4.87%	0.292%

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Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C1

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.530	2086	2090	2099	rVB10	377245	835260	11.63%	0.698%
78	15.624	2102	2106	2111	rVV4	683248	1331484	18.54%	1.113%
79	15.683	2111	2116	2122	rVV5	542095	1671598	23.27%	1.398%
80	15.760	2126	2129	2132	rVV	779152	1053343	14.67%	0.881%
81	15.795	2132	2135	2137	rVV4	460560	684458	9.53%	0.572%
82	15.836	2137	2142	2148	rVB	2262798	3671677	51.12%	3.070%
83	16.042	2174	2177	2179	rBV3	302913	350081	4.87%	0.293%
84	16.077	2179	2183	2190	rVV3	1835774	2723551	37.92%	2.277%
85	16.312	2218	2223	2235	rVB	4461901	7182151	100.00%	6.006%
86	16.689	2283	2287	2293	rVB3	878920	1315366	18.31%	1.100%
87	16.824	2307	2310	2315	rBV4	271764	600246	8.36%	0.502%
88	16.989	2335	2338	2344	rVB7	327795	492333	6.85%	0.412%
89	17.136	2358	2363	2374	rVB	2399062	4116667	57.32%	3.442%
90	17.330	2392	2396	2400	rBV2	735729	1210153	16.85%	1.012%
91	17.377	2400	2404	2409	rVB	676939	992645	13.82%	0.830%
92	17.742	2462	2466	2472	rBV3	752939	1269212	17.67%	1.061%
93	18.212	2542	2546	2550	rBV	519337	879545	12.25%	0.735%
94	18.259	2551	2554	2559	rVB	718509	988066	13.76%	0.826%
95	18.953	2669	2672	2678	rBV2	256486	503536	7.01%	0.421%
96	19.124	2697	2701	2706	rVB	574508	812641	11.31%	0.680%
97	19.824	2817	2820	2826	rVB	254723	362090	5.04%	0.303%
98	19.953	2837	2842	2847	rBV	3272477	4205605	58.56%	3.517%
99	21.506	3102	3106	3120	rVB	425334	646303	9.00%	0.540%
100	23.918	3511	3516	3528	rVB2	201439	428039	5.96%	0.358%

Sum of corrected areas: 119586392

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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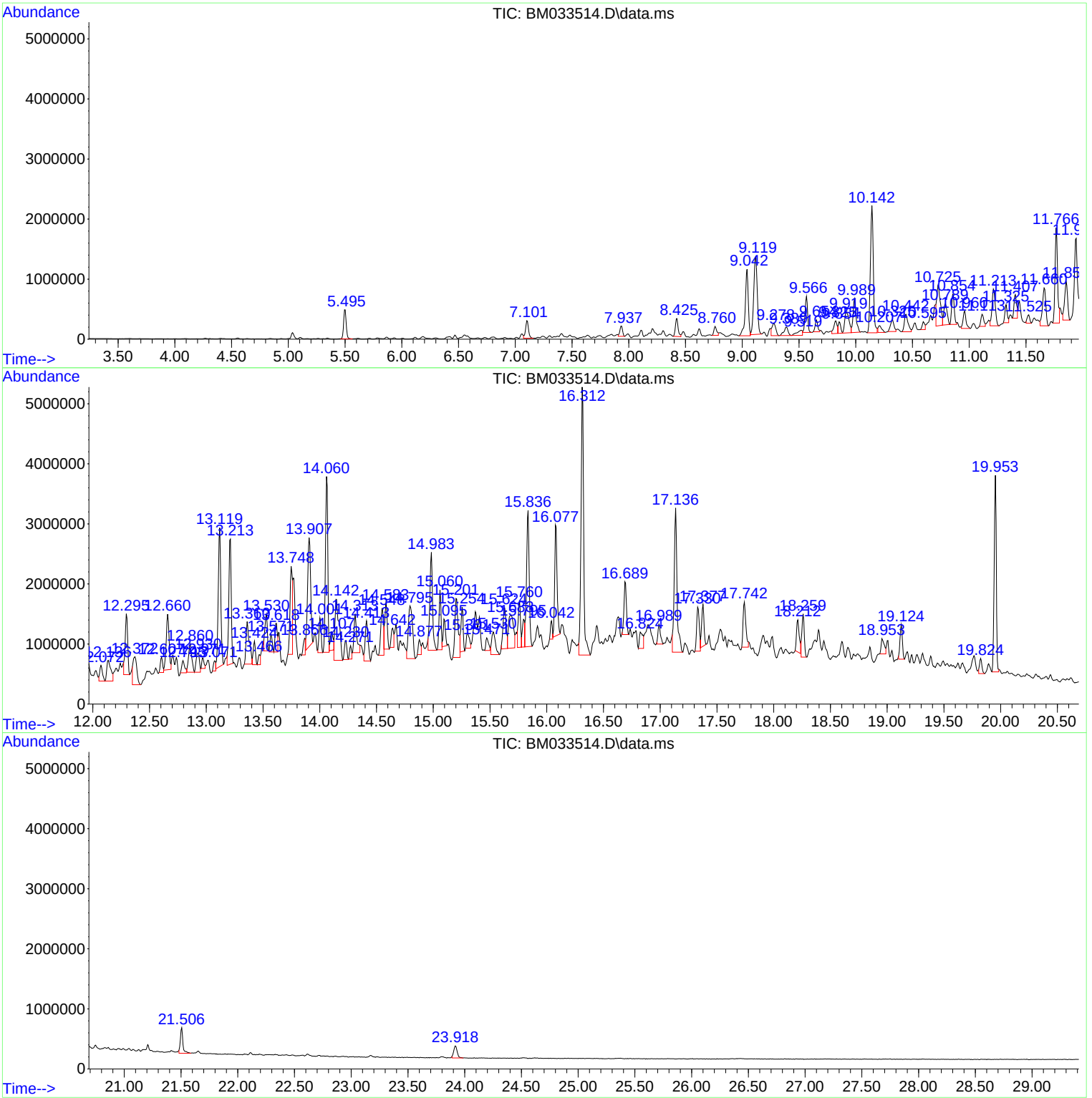
ClientSampleId :
C1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.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-BM121621.M
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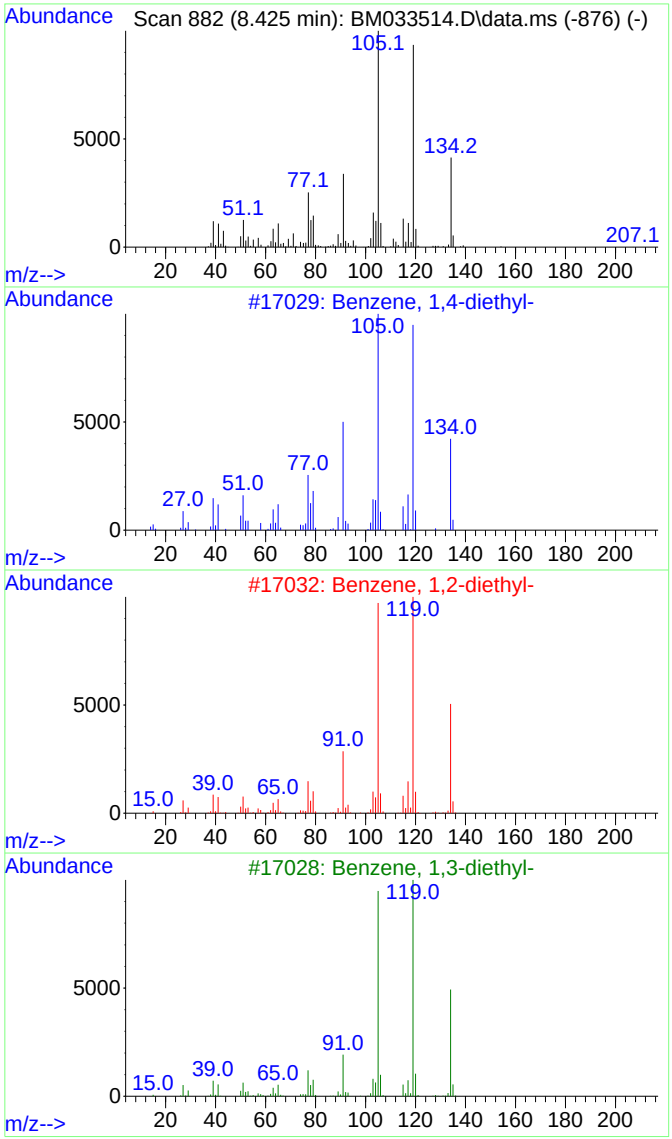
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

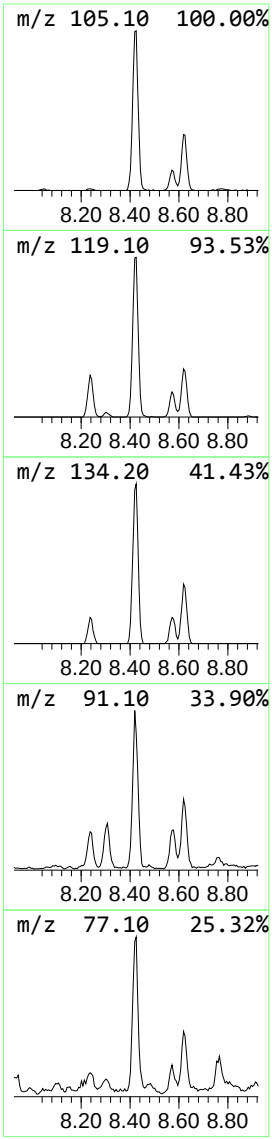
****

Peak Number 1 Benzene, 1,4-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.425	36.88 ng	513221	1,4-Dichlorobenzene-d4	7.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	o-Cymene	134	C10H14	000527-84-4	81
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
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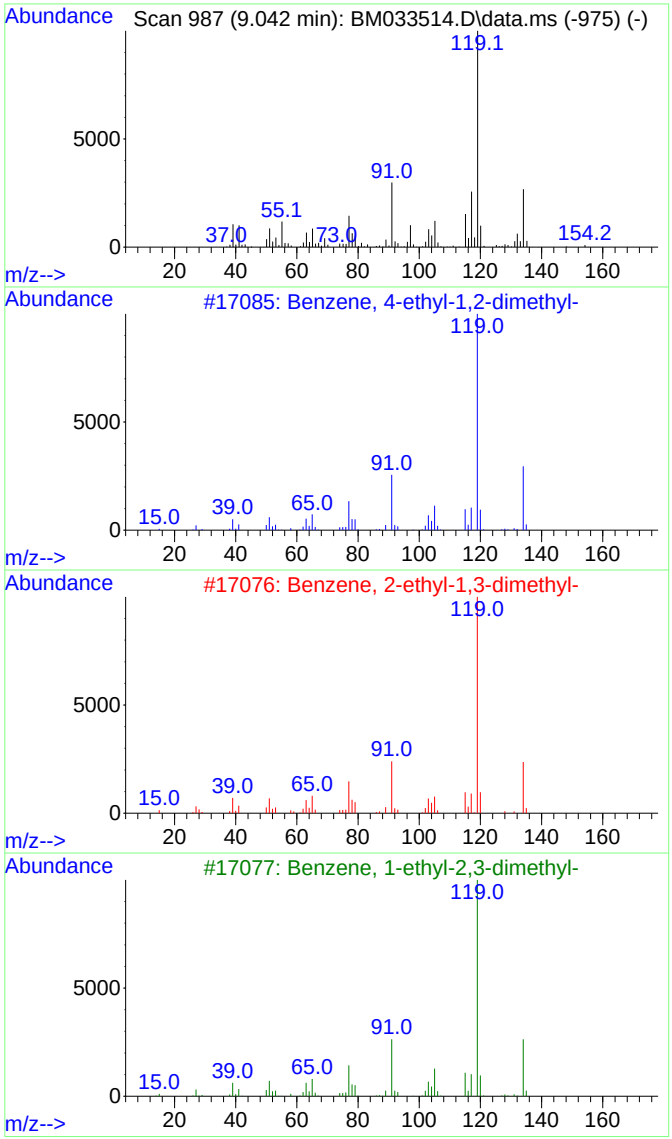
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

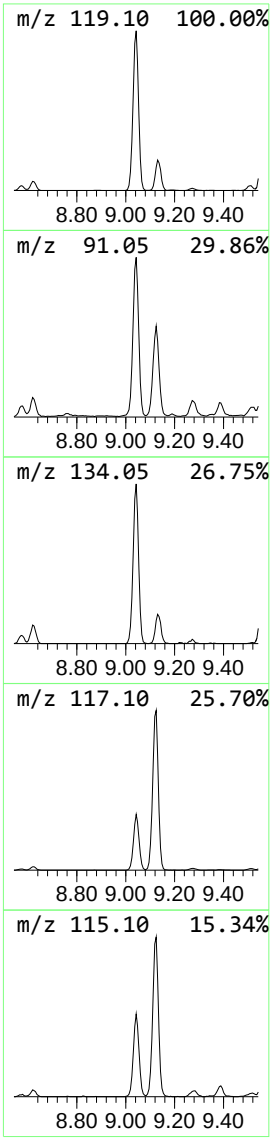
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.042	147.38 ng	2051190	1,4-Dichlorobenzene-d4	7.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





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TIC Library : C:\Database\NIST20.L
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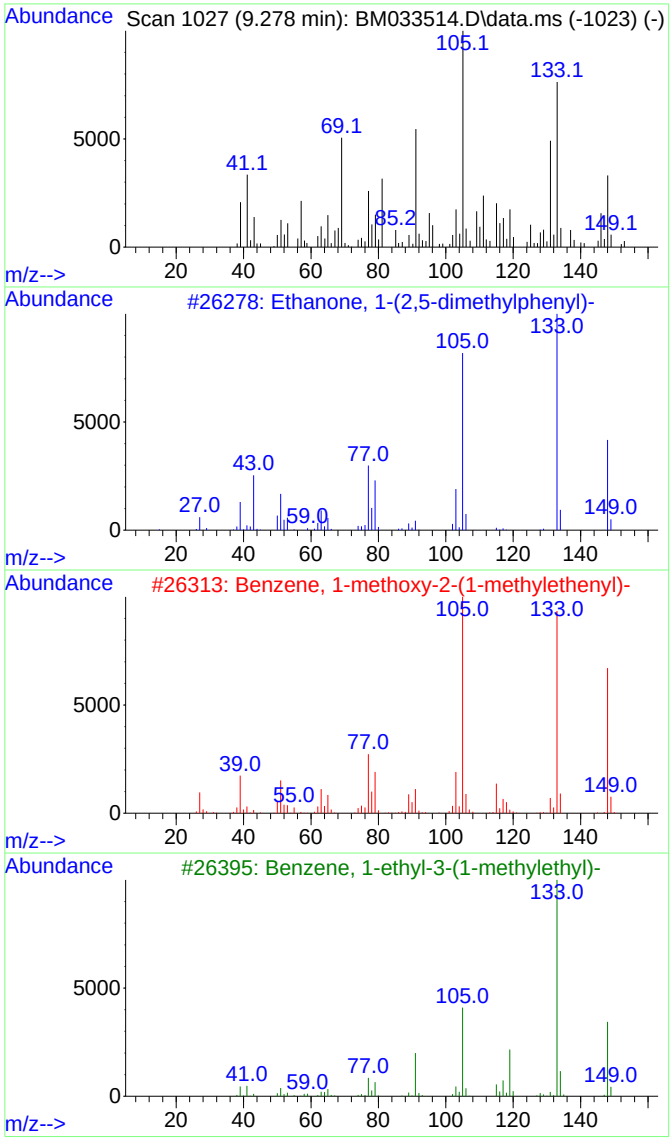
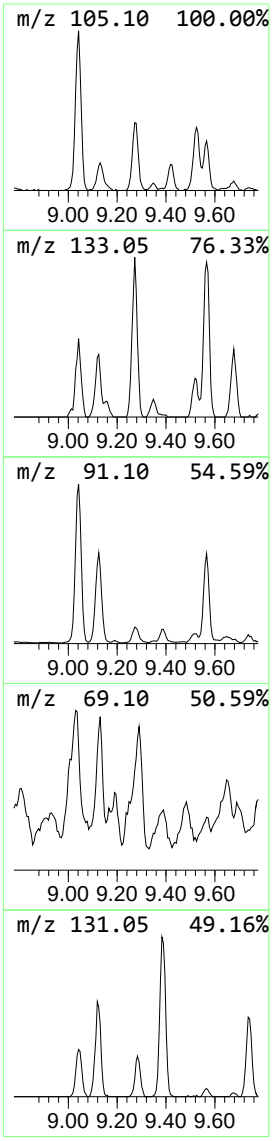
****
Peak Number 3 Ethanone, 1-(2,5-dimethylph... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.278	33.45 ng	465574	1,4-Dichlorobenzene-d4	7.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	80
2	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	50
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	49
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	43





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

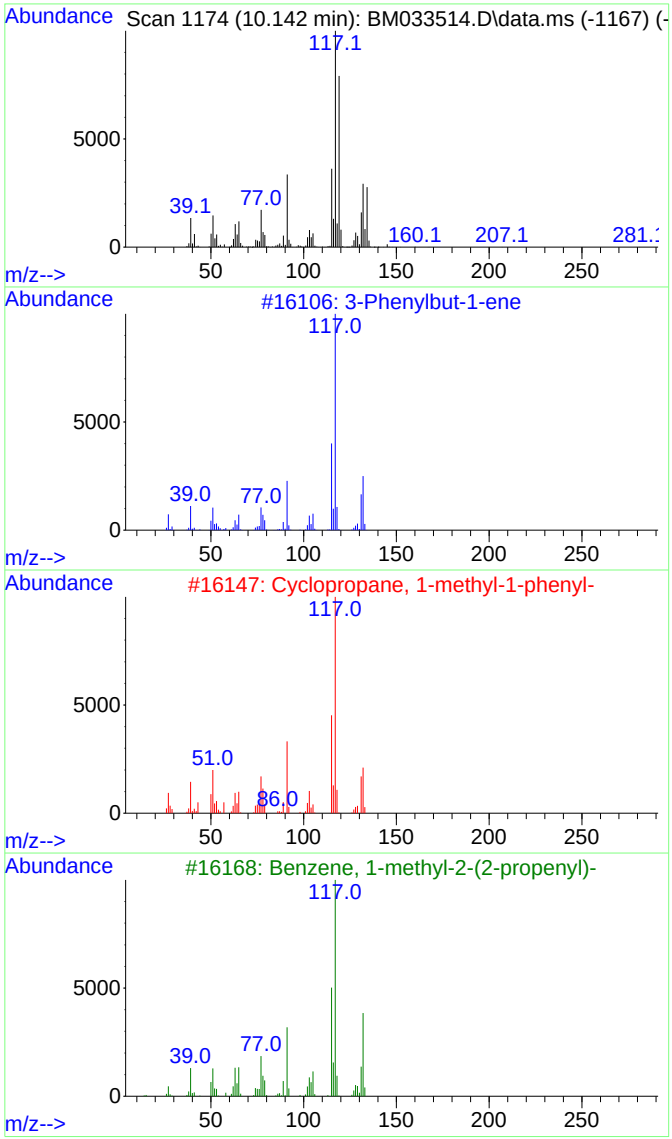
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

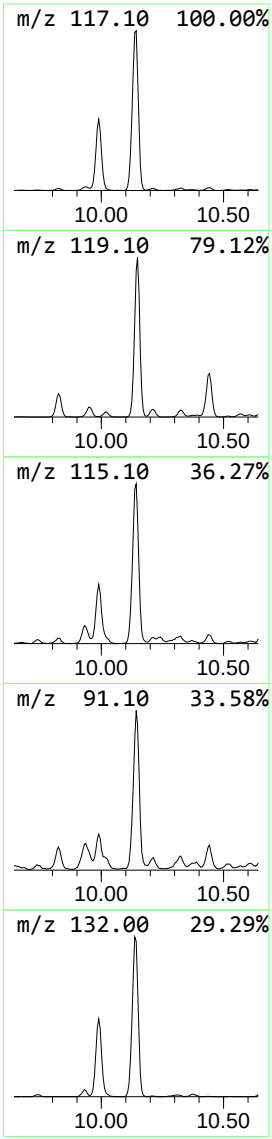
****

Peak Number 4 3-Phenylbut-1-ene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.142	50.37 ng	3752140	Naphthalene-d8	10.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	89
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033514.D
Acq On : 17 Dec 2021 20:06
Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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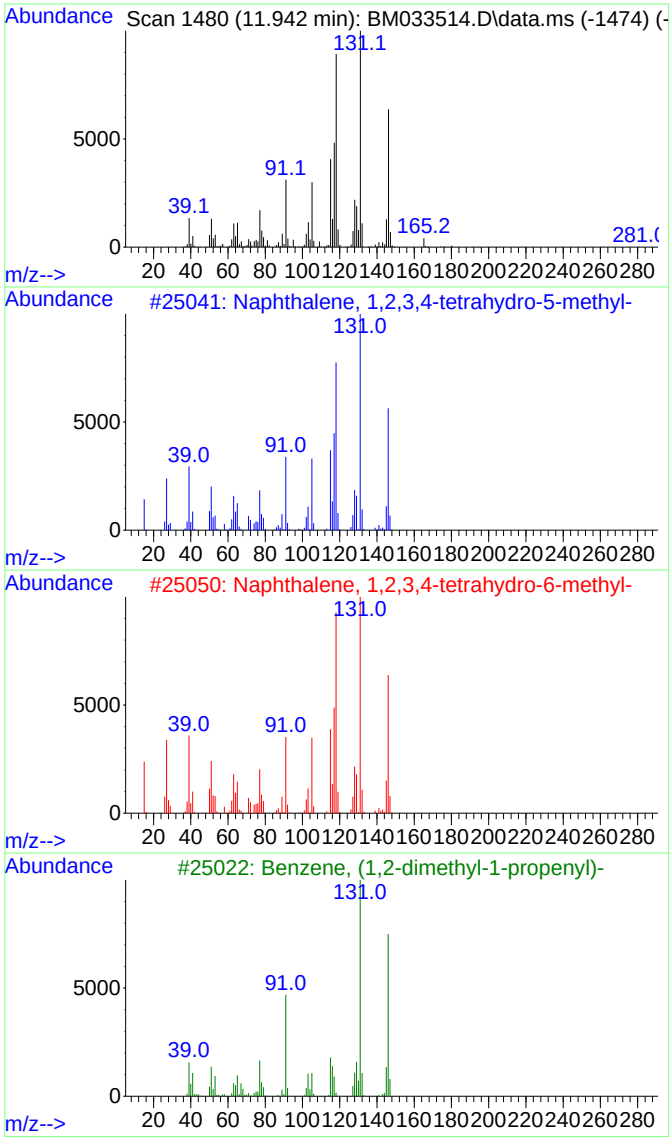
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

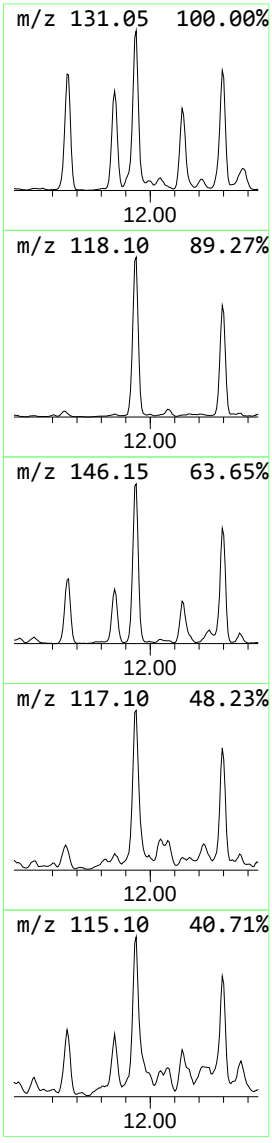
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.942	34.25 ng	2551520	Naphthalene-d8	10.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55





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Acq On : 17 Dec 2021 20:06
Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

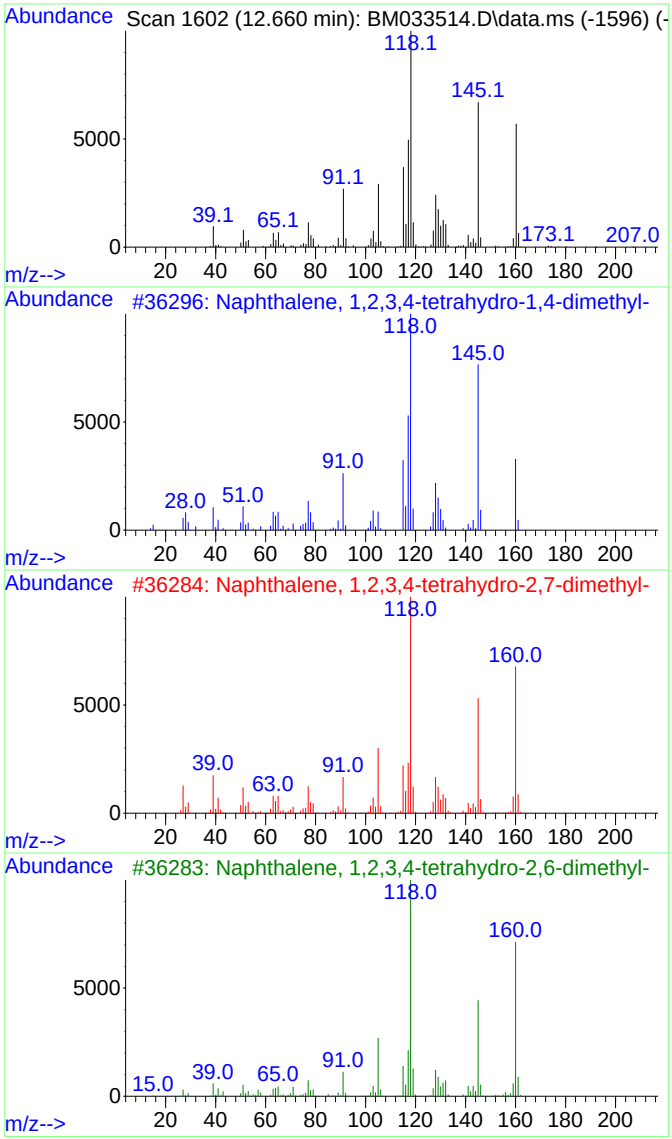
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

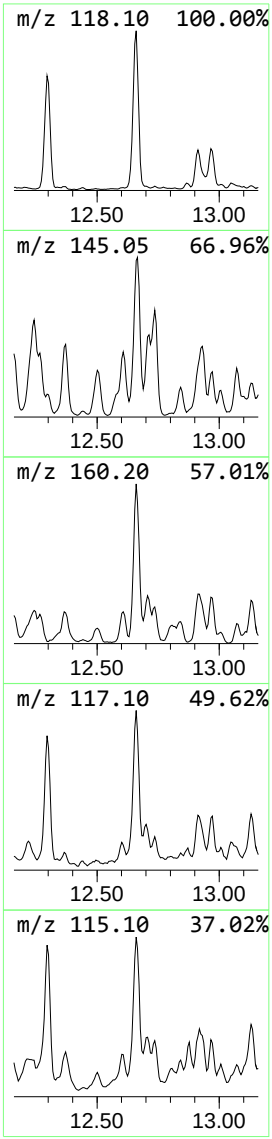
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.660	21.76 ng	1621010	Naphthalene-d8	10.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	68
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	52





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Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

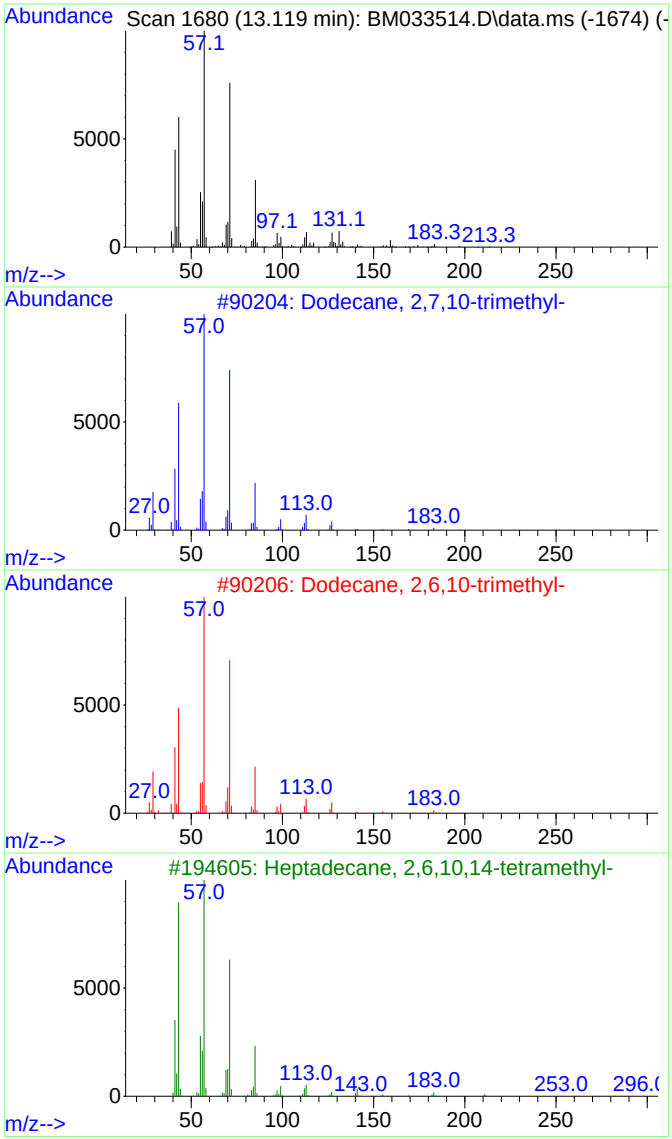
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

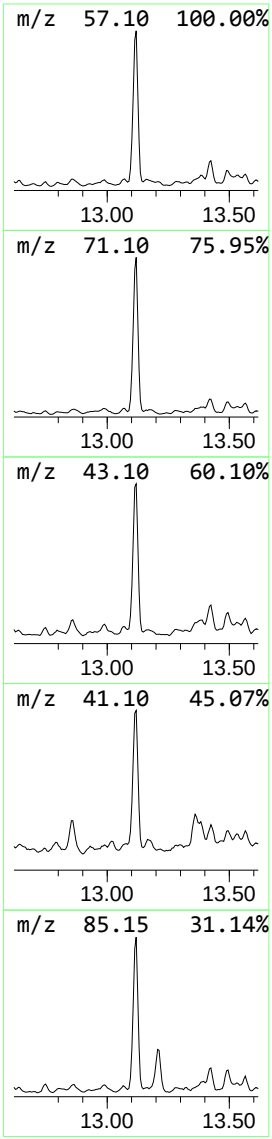
****

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.118	65.45 ng	3634940	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	91
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
5	Octane, 2-methyl-	128	C9H20	003221-61-2	58





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

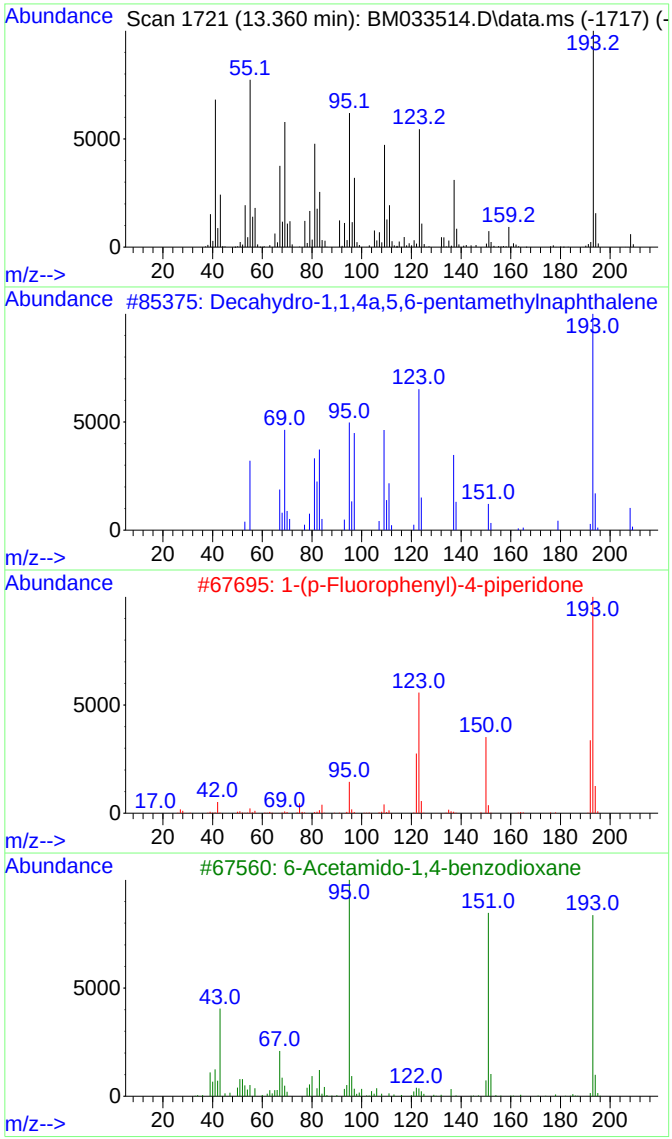
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

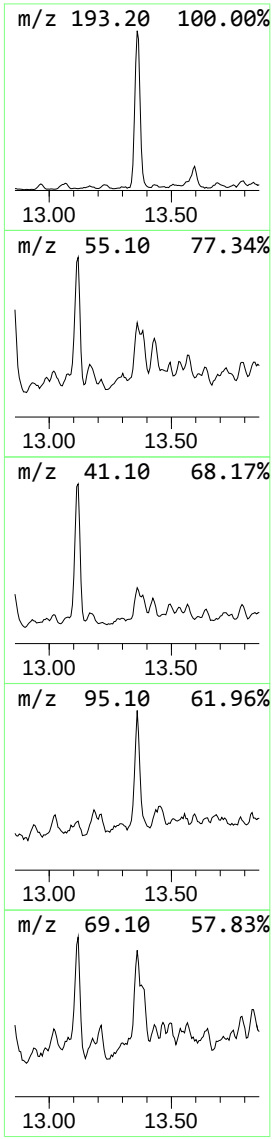
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.360	25.64 ng	1423730	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	92
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	35
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	20
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	18





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Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

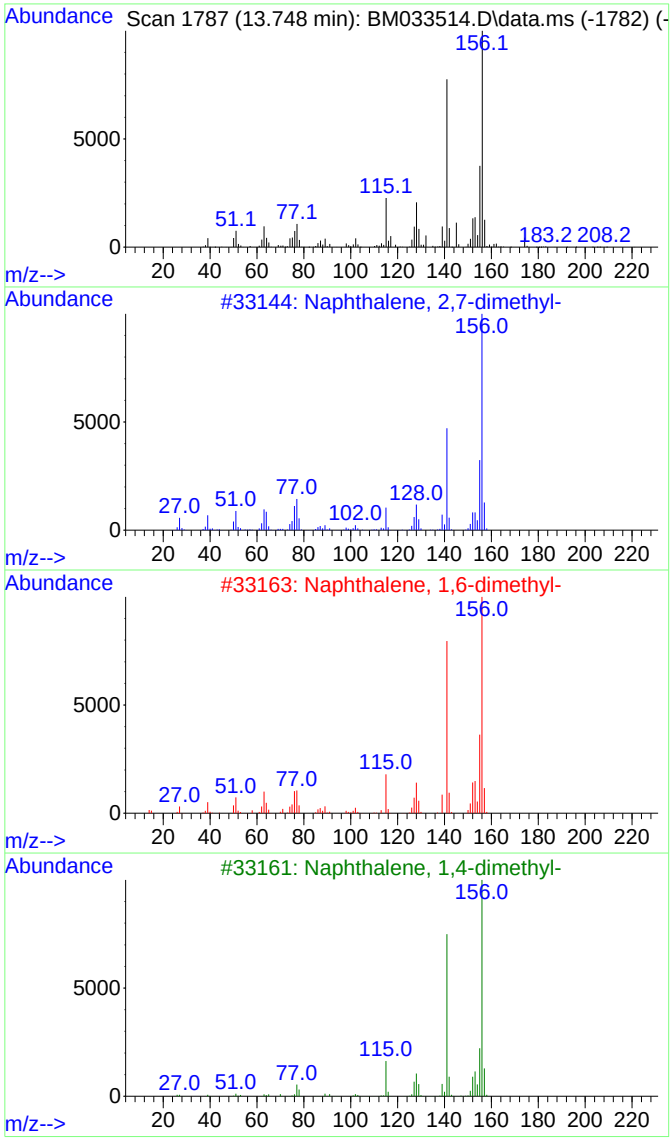
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

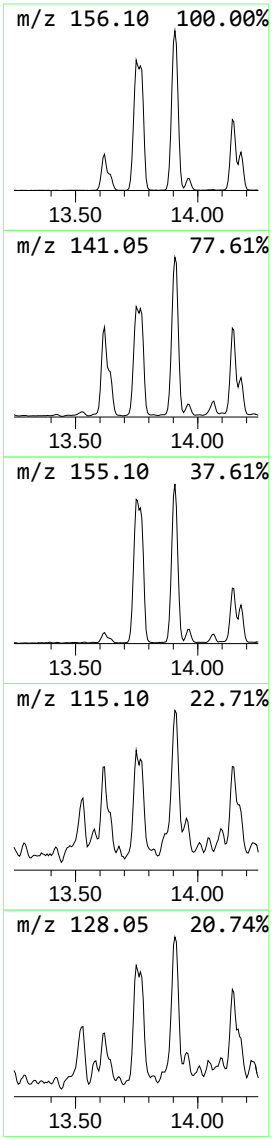
****

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.748	40.34 ng	2240160	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





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Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

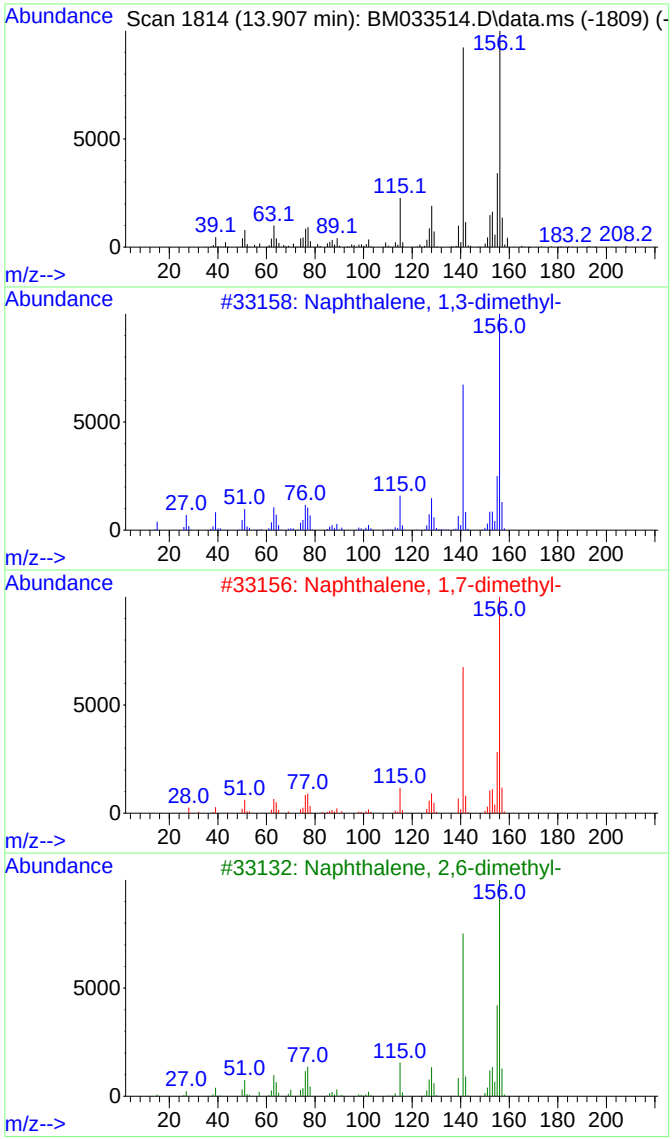
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

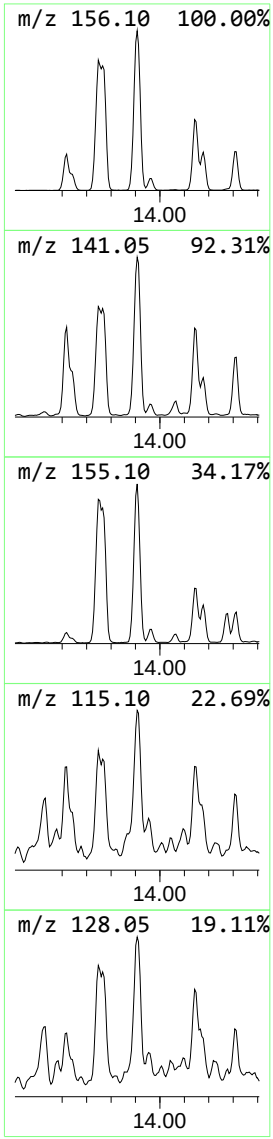
****

Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.907	60.02 ng	3333410	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Acq On : 17 Dec 2021 20:06
Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

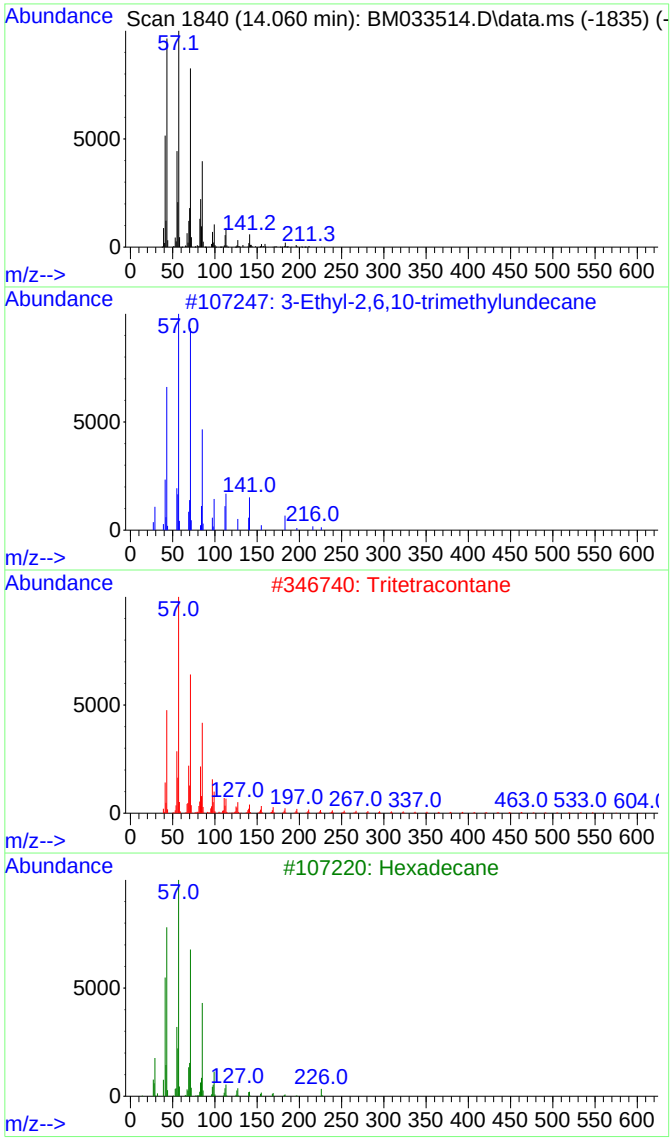
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

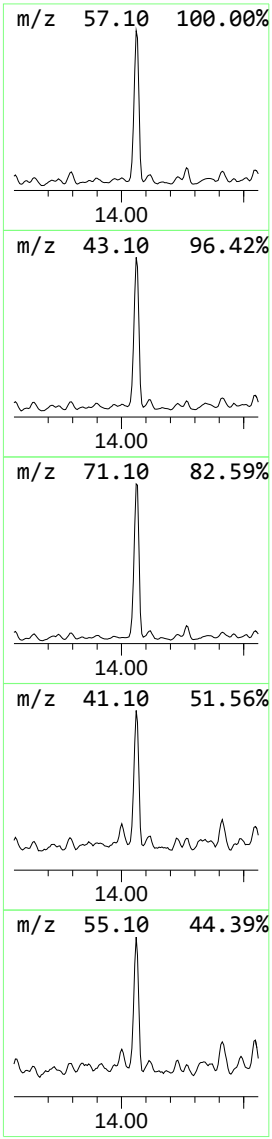
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 3-Ethyl-2,6,10-trimethylund... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.060	75.77 ng	4207550	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	91
2	Tritetracontane	605	C43H88	007098-21-7	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Dodecane	170	C12H26	000112-40-3	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

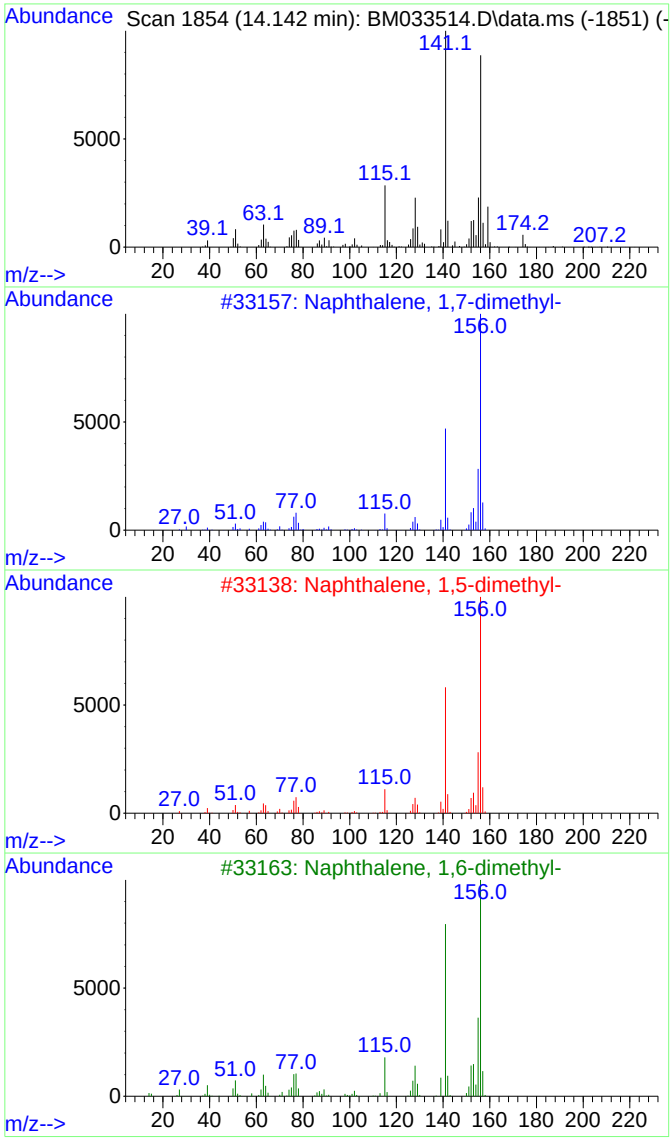
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

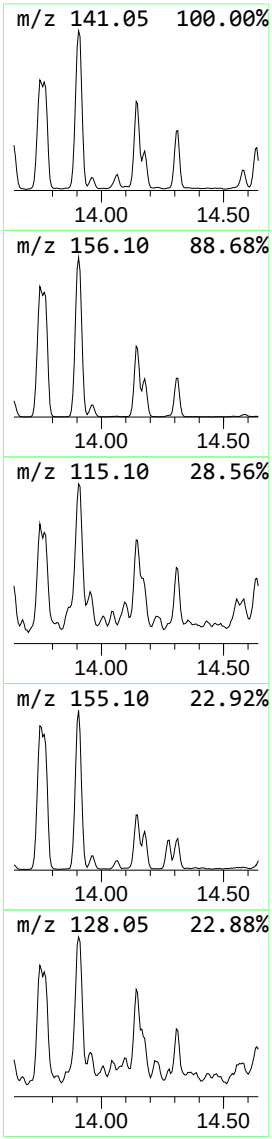
****

Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.142	46.34 ng	2573560	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





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Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

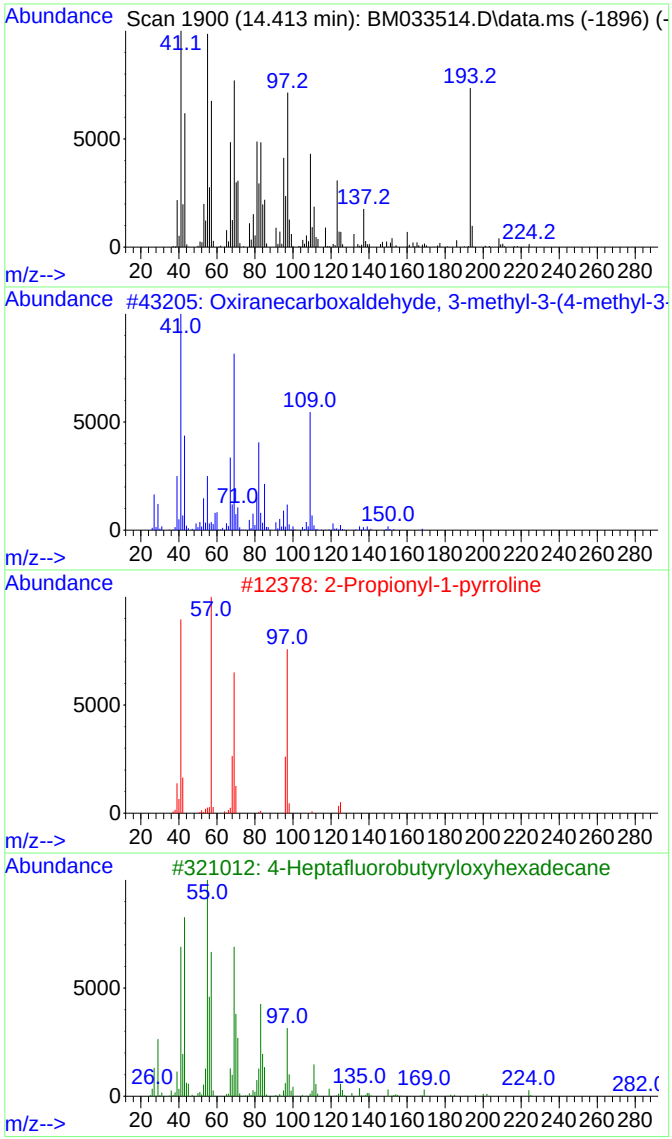
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

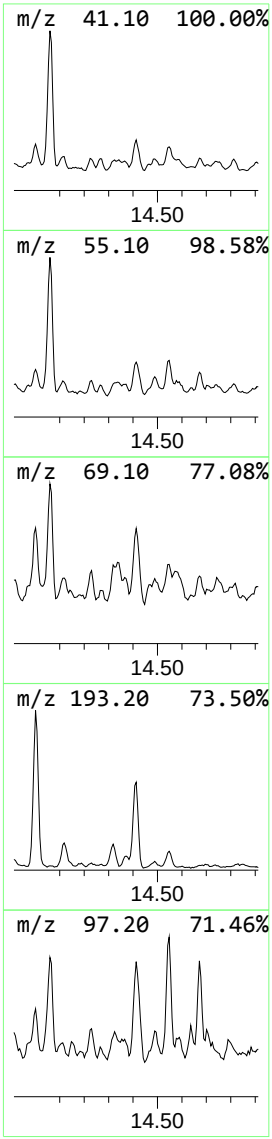
****

Peak Number 13 unknown14.413 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.413	20.78 ng	1154070	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	27
2	2-Propionyl-1-pyrroline	125	C7H11NO	1010298-55-4	25
3	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1010282-97-2	25
4	1-Hexadecanol	242	C16H34O	036653-82-4	25
5	Acridine, 9-methyl-	193	C14H11N	000611-64-3	22





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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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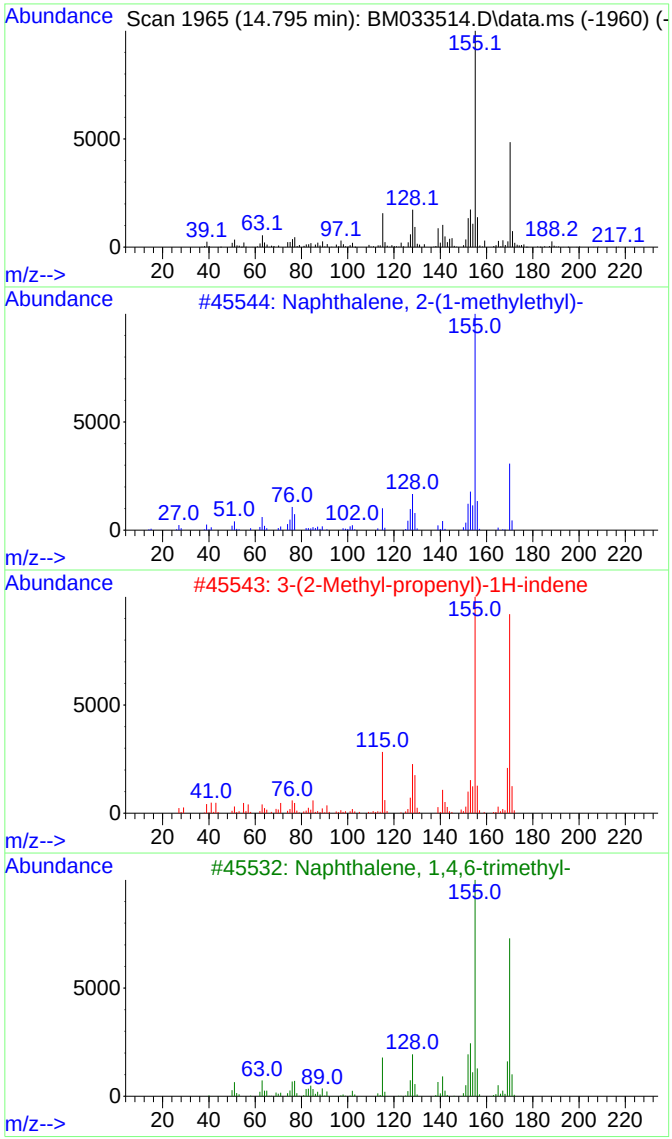
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

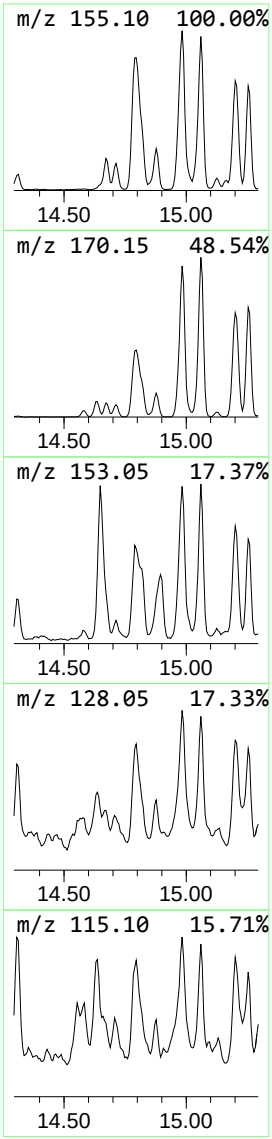
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2-(1-methyleth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.795	40.27 ng	2236310	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	86
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70





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ALS Vial : 19 Sample Multiplier: 1

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BNA_M
ClientSampleId :
C1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

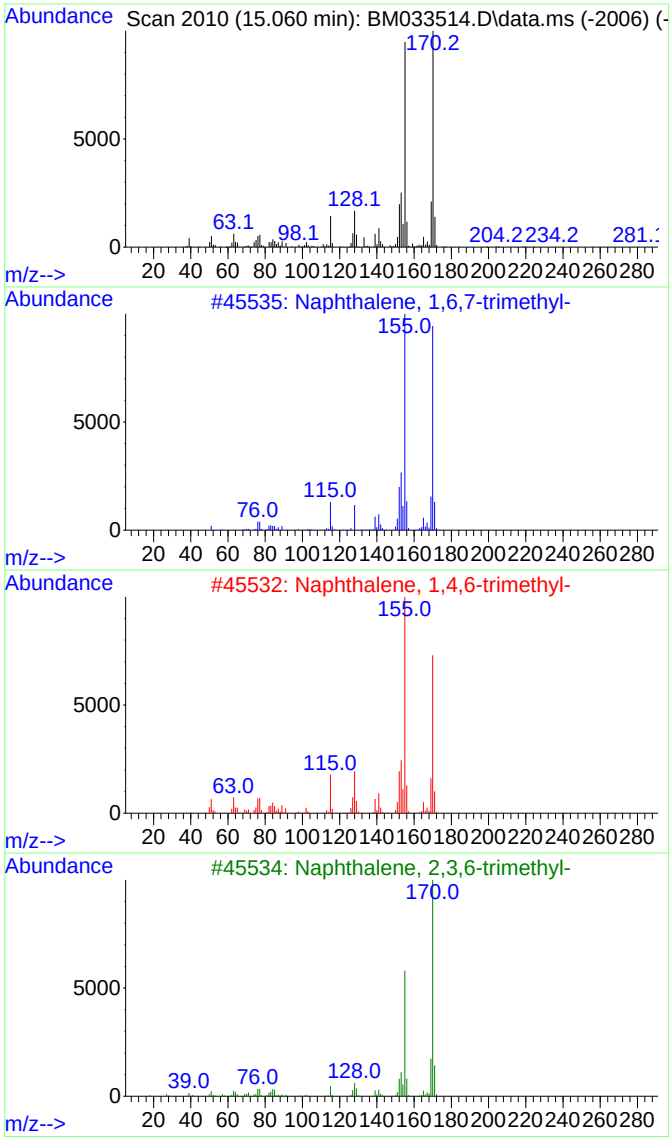
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

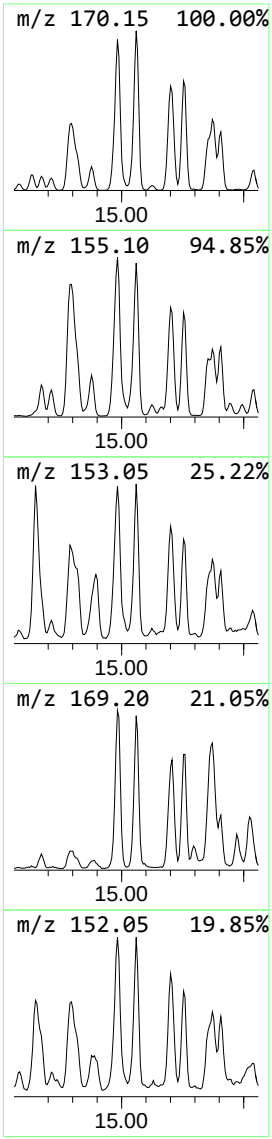
****

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	22.44 ng	1246400	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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ALS Vial : 19 Sample Multiplier: 1

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BNA_M
ClientSampleId :
C1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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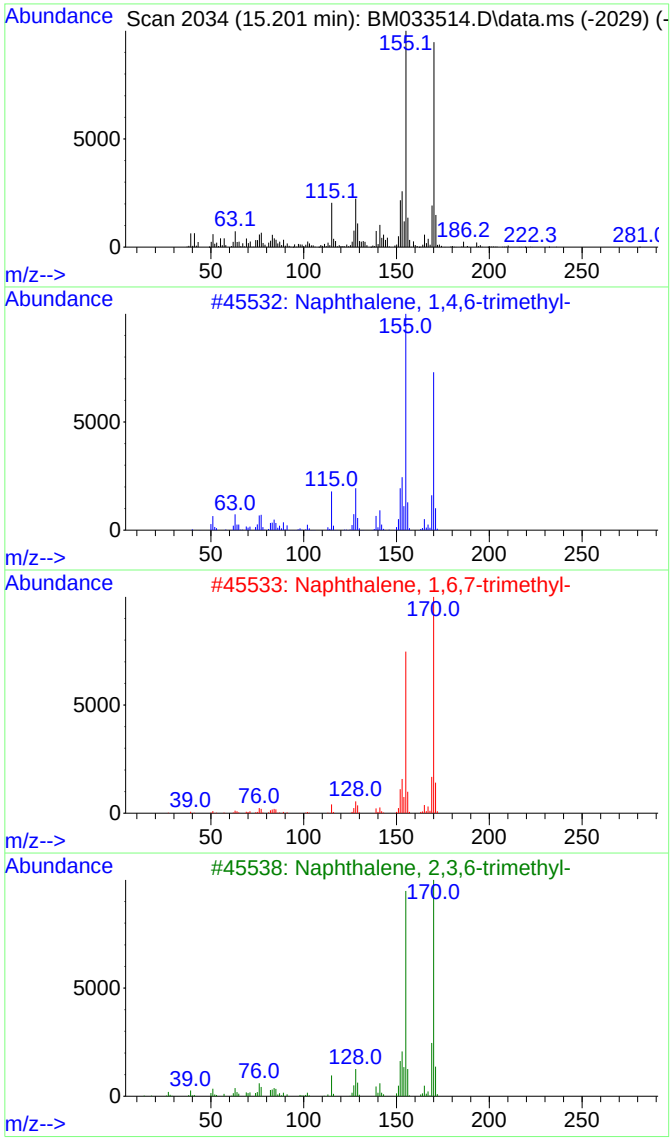
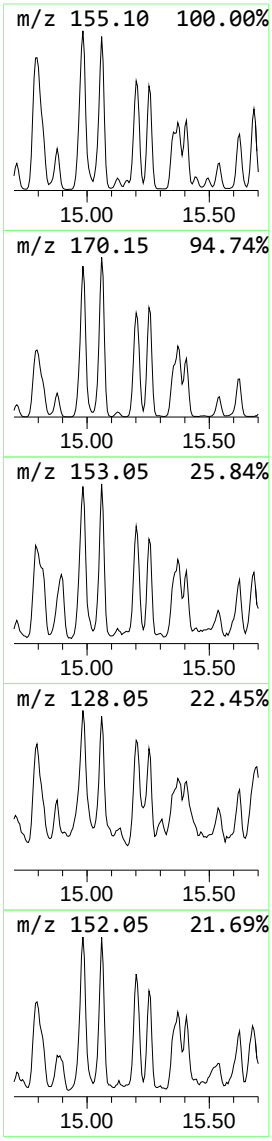
****
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.201	36.83 ng	2045320	Acenaphthene-d10	14.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033514.D
Acq On : 17 Dec 2021 20:06
Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

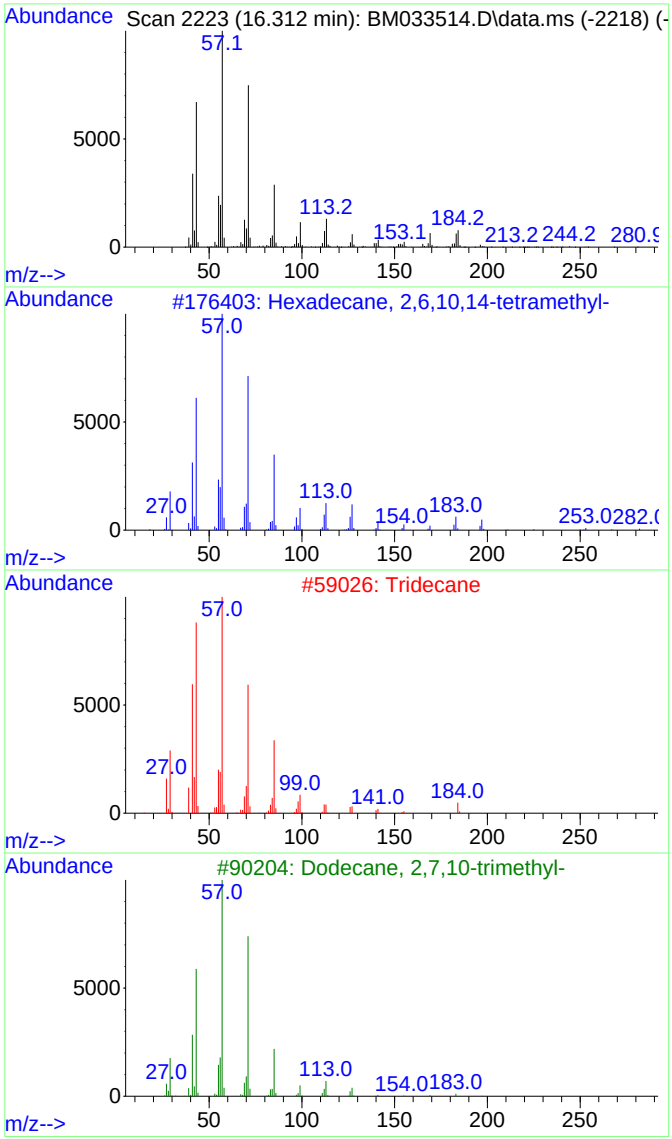
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

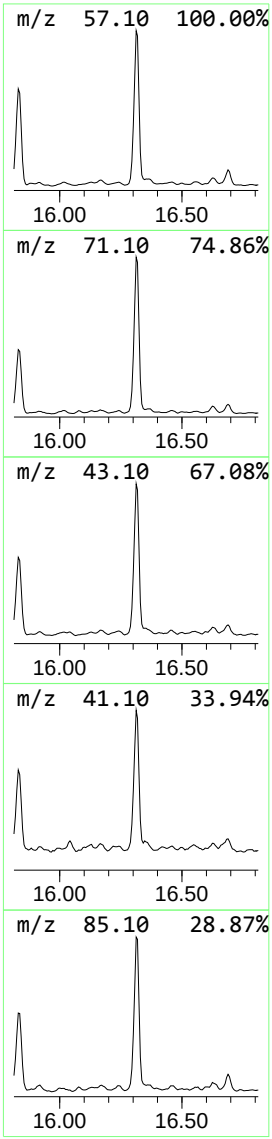
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.312	118.70 ng	7182150	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033514.D
Acq On : 17 Dec 2021 20:06
Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

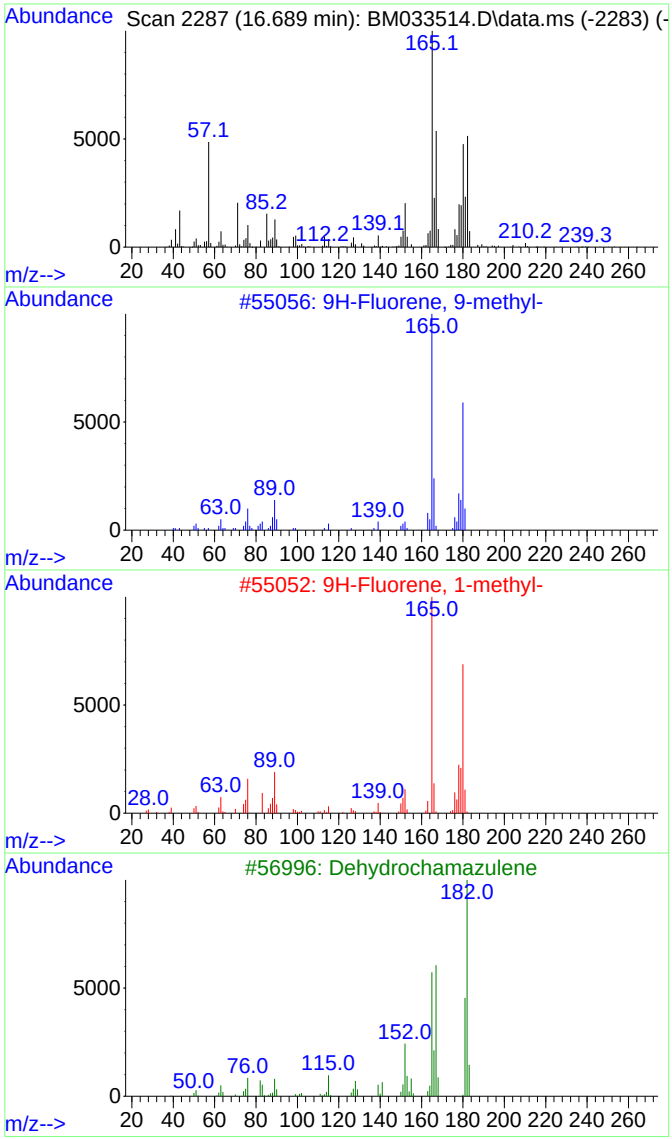
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

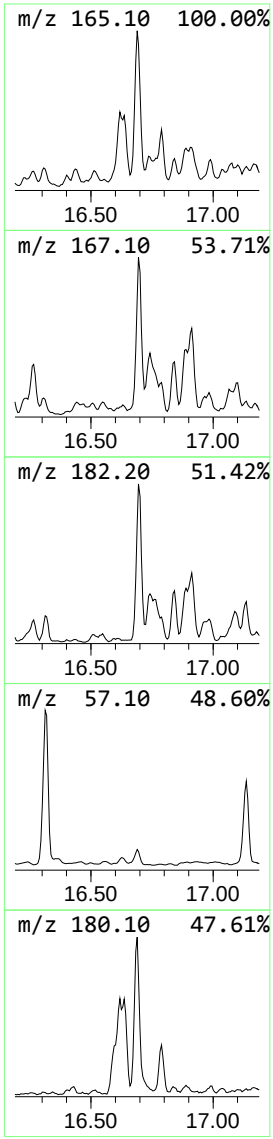
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9H-Fluorene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.689	21.74 ng	1315370	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	80
3	Dehydrochamazulene	182	C14H14	321732-25-6	55
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033514.D
Acq On : 17 Dec 2021 20:06
Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

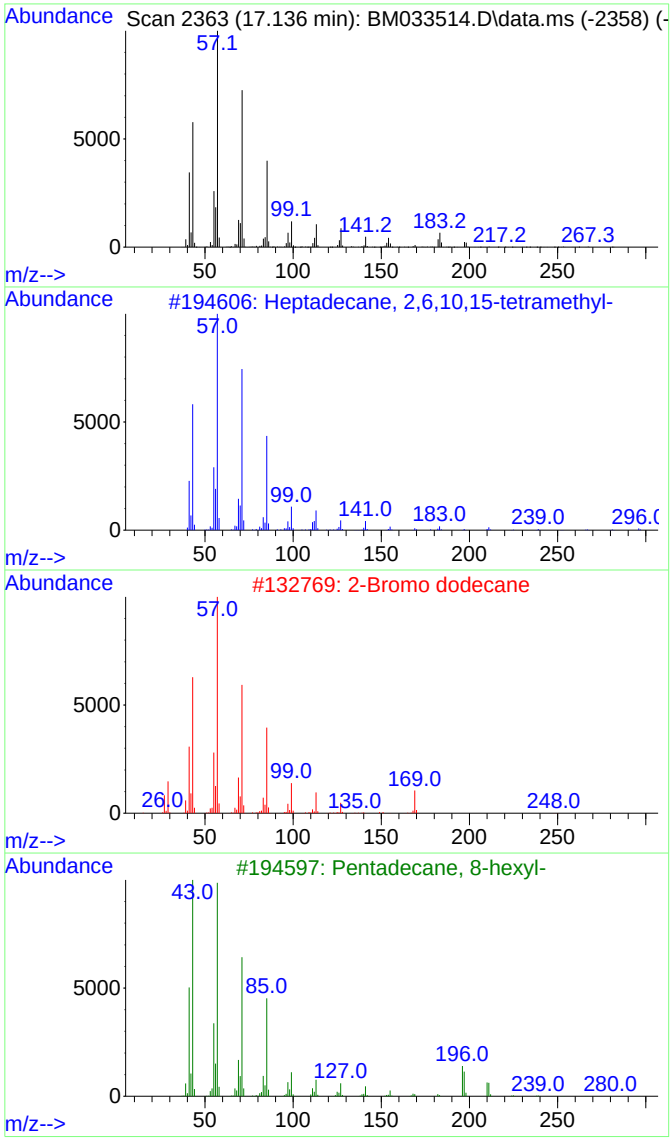
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

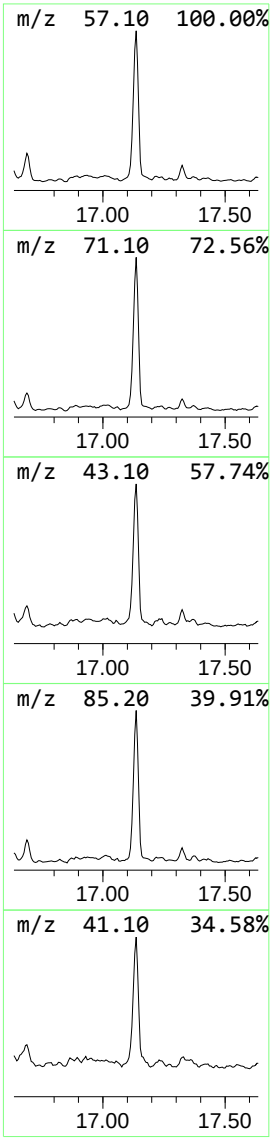
****

Peak Number 19 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.136	68.04 ng	4116670	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5	Pentacosane	352	C25H52	000629-99-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033514.D
Acq On : 17 Dec 2021 20:06
Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

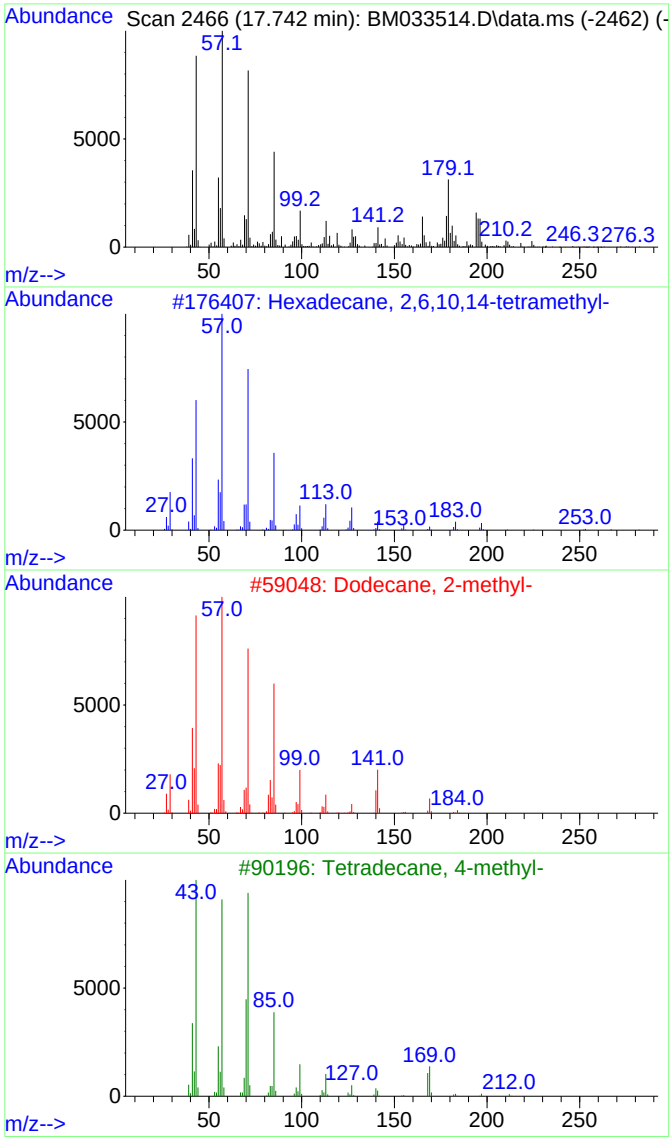
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

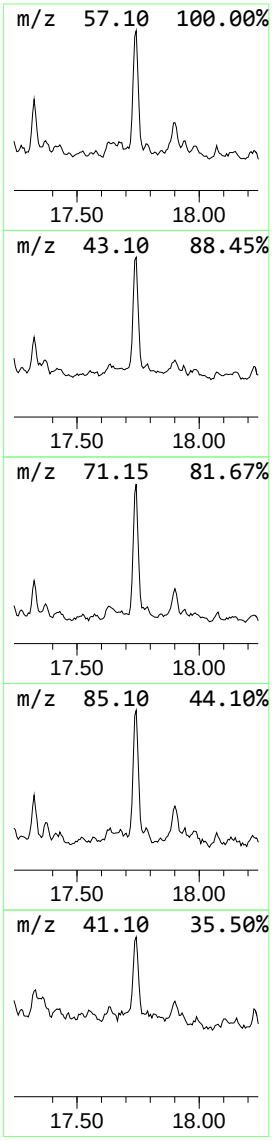
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Dodecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.742	20.98 ng	1269210	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	55
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	55
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	53
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033514.D
Acq On : 17 Dec 2021 20:06
Operator : CG/JU
Sample : M5084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.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
Benzene, 1,4-di...	8.425	36.9	ng	513221	1	7.936	278356	20.0
Benzene, 4-ethy...	9.042	147.4	ng	2051190	1	7.936	278356	20.0
Ethanone, 1-(2,...	9.278	33.5	ng	465574	1	7.936	278356	20.0
3-Phenylbut-1-ene	10.142	50.4	ng	3752140	2	10.748	1489920	20.0
Naphthalene, 1,...	11.942	34.3	ng	2551520	2	10.748	1489920	20.0
Naphthalene, 1,...	12.660	21.8	ng	1621010	2	10.748	1489920	20.0
Dodecane, 2,7,1...	13.118	65.5	ng	3634940	3	14.583	1110670	20.0
Decahydro-1,1,4...	13.360	25.6	ng	1423730	3	14.583	1110670	20.0
Naphthalene, 2,...	13.748	40.3	ng	2240160	3	14.583	1110670	20.0
Naphthalene, 1,...	13.907	60.0	ng	3333410	3	14.583	1110670	20.0
3-Ethyl-2,6,10-...	14.060	75.8	ng	4207550	3	14.583	1110670	20.0
Naphthalene, 1,...	14.142	46.3	ng	2573560	3	14.583	1110670	20.0
unknown14.413	14.413	20.8	ng	1154070	3	14.583	1110670	20.0
Naphthalene, 2-...	14.795	40.3	ng	2236310	3	14.583	1110670	20.0
Naphthalene, 1,...	15.060	22.4	ng	1246400	3	14.583	1110670	20.0
Naphthalene, 1,...	15.201	36.8	ng	2045320	3	14.583	1110670	20.0
Hexadecane, 2,6...	16.312	118.7	ng	7182150	4	17.336	1210150	20.0
9H-Fluorene, 9-...	16.689	21.7	ng	1315370	4	17.336	1210150	20.0
2-Bromo dodecane	17.136	68.0	ng	4116670	4	17.336	1210150	20.0
Dodecane, 2-met...	17.742	21.0	ng	1269210	4	17.336	1210150	20.0