LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033270.D
Acq On : 26 Nov 2021 18:17
Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

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-BM112421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033270.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.507	363	369	376	rBV	1047573	1557038	11.33%	0.542%
2	7.090	631	638	645	rVV2	742832	1571980	11.44%	0.547%
3	7.578	717	721	729	rVB	854954	1301422	9.47%	0.453%
4	8.048	796	801	807	rBV2	449329	800389	5.82%	0.278%
5	8.572	884	890	895	rBV3	593640	1140342	8.30%	0.397%
6	9.037	957	969	974	rBV	1107623	2169464	15.79%	0.755%
7	9.101	974	980	987	rBV2	1689244	3982567	28.98%	1.385%
8	9.278	1005	1010	1016	rVV5	355322	858478	6.25%	0.299%
9	9.378	1019	1027	1040	rVV7	398925	1486396	10.82%	0.517%
10	9.560	1052	1058	1062	rVV2	918667	1539422	11.20%	0.535%
11	9.613	1062	1067	1071	rVV2	663886	1086588	7.91%	0.378%
12	9.807	1091	1100	1104	rBV3	382324	930016	6.77%	0.323%
13	9.848	1104	1107	1112	rVV3	526482	895548	6.52%	0.311%
14	9.913	1112	1118	1124	rVV5	607178	1529187	11.13%	0.532%
15	9.978	1124	1129	1138	rVV3	905672	2056209	14.96%	0.715%
16	10.066	1139	1144	1149	rVV3	356017	714315	5.20%	0.248%
17	10.131	1149	1155	1162	rVV3	2063411	4204767	30.60%	1.462%
18	10.190	1162	1165	1170	rVV2	400893	699843	5.09%	0.243%
19	10.307	1178	1185	1191	rVV6	441057	1072559	7.80%	0.373%
20	10.425	1200	1205	1214	rBV2	452515	1060357	7.72%	0.369%
21	10.707	1245	1253	1260	rVV5	1215857	4240366	30.85%	1.475%
22	10.784	1260	1266	1272	rVV2	2565238	5159888	37.55%	1.795%
23	10.842	1272	1276	1278	rVV	866307	1403317	10.21%	0.488%
24	10.878	1278	1282	1288	rVB	2166816	3403767	24.77%	1.184%
25	10.942	1288	1293	1300	rBV2	688629	1104173	8.03%	0.384%
26	11.207	1333	1338	1345	rVB4	434472	988890	7.20%	0.344%
27	11.384	1364	1368	1371	rVV2	756261	1155468	8.41%	0.402%
28	11.425	1371	1375	1382	rVB5	996634	2031807	14.78%	0.707%
29	11.484	1382	1385	1392	rVB2	359441	822483	5.98%	0.286%
30	11.560	1392	1398	1405	rBV4	626415	1168022	8.50%	0.406%
31	11.642	1405	1412	1418	rVB	1546080	2969959	21.61%	1.033%
32	11.742	1424	1429	1433	rBV	3035929	4677693	34.04%	1.627%
33	11.831	1439	1444	1450	rVB	1293097	2399944	17.46%	0.835%
34	11.919	1455	1459	1466	rVV3	688295	1444211	10.51%	0.502%
35	12.048	1478	1481	1487	rVB2	455400	700019	5.09%	0.243%
36	12.113	1487	1492	1493	rBV	779192	1008889	7.34%	0.351%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033270.D
Acq On : 26 Nov 2021 18:17
Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

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-BM112421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.278	1517	1520	1525	rVB2	769194	1024335	7.45%	0.356%
38	12.395	1535	1540	1547	rVB	8477399	13743120	100.00%	4.780%
39	12.613	1567	1577	1585	rBV	7051694	12812321	93.23%	4.456%
40	12.683	1586	1589	1593	rVB3	595144	732427	5.33%	0.255%
41	12.772	1600	1604	1607	rBV2	577990	773841	5.63%	0.269%
42	12.831	1608	1614	1620	rVV6	1072955	2548994	18.55%	0.887%
43	12.913	1624	1628	1632	rVB3	484580	725815	5.28%	0.252%
44	13.089	1653	1658	1664	rVB	3835411	5946062	43.27%	2.068%
45	13.183	1665	1674	1679	rBV	3933941	6440735	46.87%	2.240%
46	13.372	1698	1706	1707	rBV5	733433	1713825	12.47%	0.596%
47	13.395	1708	1710	1715	rVB3	1126448	1555344	11.32%	0.541%
48	13.489	1720	1726	1732	rVB3	848725	2138883	15.56%	0.744%
49	13.542	1732	1735	1739	rBV5	567749	695308	5.06%	0.242%
50	13.589	1739	1743	1746	rBV	1844859	2946957	21.44%	1.025%
51	13.730	1759	1767	1768	rBV	4461224	7856905	57.17%	2.733%
52	13.889	1787	1794	1799	rBV	7020201	13206762	96.10%	4.593%
53	13.942	1799	1803	1807	rVV	4866065	6567374	47.79%	2.284%
54	13.983	1807	1810	1814	rVB2	1506777	1695735	12.34%	0.590%
55	14.036	1814	1819	1823	rVB	5526087	7783554	56.64%	2.707%
56	14.119	1823	1833	1836	rBV	2963429	5435146	39.55%	1.890%
57	14.201	1843	1847	1851	rBV4	582470	956179	6.96%	0.333%
58	14.283	1857	1861	1870	rBV	1768749	3256476	23.70%	1.133%
59	14.389	1875	1879	1884	rVB	2053044	3172429	23.08%	1.103%
60	14.454	1884	1890	1897	rBV4	607842	1762484	12.82%	0.613%
61	14.525	1897	1902	1905	rBV3	1881284	3266905	23.77%	1.136%
62	14.560	1905	1908	1913	rVB3	1458643	2098825	15.27%	0.730%
63	14.613	1913	1917	1920	rBV2	851623	1499421	10.91%	0.522%
64	14.648	1920	1923	1926	rVB2	1085881	1353929	9.85%	0.471%
65	14.683	1926	1929	1938	rBV4	494077	688011	5.01%	0.239%
66	14.772	1938	1944	1952	rVB	2418342	6315653	45.96%	2.197%
67	14.848	1953	1957	1960	rBV2	880872	1464383	10.66%	0.509%
68	14.954	1969	1975	1981	rVB2	4337812	6912063	50.29%	2.404%
69	15.030	1984	1988	1992	rVV	3093565	3955871	28.78%	1.376%
70	15.072	1992	1995	2007	rVB6	1371131	3006814	21.88%	1.046%
71	15.177	2007	2013	2017	rBV	2713551	4805084	34.96%	1.671%
72	15.224	2017	2021	2026	rVB	2390545	3332275	24.25%	1.159%
73	15.277	2026	2030	2034	rBV4	578856	1107783	8.06%	0.385%
74	15.342	2035	2041	2044	rBV	1846264	3532190	25.70%	1.229%
75	15.377	2044	2047	2052	rVB2	1523760	2171663	15.80%	0.755%
76	15.442	2055	2058	2064	rBV3	603533	1205320	8.77%	0.419%

LSC Area Percent Report

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Acq On : 26 Nov 2021 18:17
Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

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-BM112421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.501	2064	2068	2077	rVB6	971279	2201887	16.02%	0.766%
78	15.595	2078	2084	2088	rBV4	1344953	2624917	19.10%	0.913%
79	15.648	2089	2093	2097	rVB3	872065	1402483	10.20%	0.488%
80	15.730	2103	2107	2110	rVB2	1282932	1518748	11.05%	0.528%
81	15.801	2115	2119	2126	rVB2	4452434	7071827	51.46%	2.460%
82	16.013	2152	2155	2157	rBV4	819041	1047795	7.62%	0.364%
83	16.042	2157	2160	2167	rVB2	3067509	4275639	31.11%	1.487%
84	16.277	2194	2200	2206	rBV2	8114364	12270188	89.28%	4.268%
85	16.407	2219	2222	2227	rVB	856815	1237375	9.00%	0.430%
86	16.595	2249	2254	2258	rVB4	901737	1587053	11.55%	0.552%
87	16.660	2260	2265	2270	rVB4	1841853	2859618	20.81%	0.995%
88	16.860	2296	2299	2309	rVB6	1064358	2640333	19.21%	0.918%
89	16.954	2312	2315	2320	rVB3	551612	766979	5.58%	0.267%
90	17.095	2334	2339	2350	rVB2	3447654	6839170	49.76%	2.379%
91	17.295	2368	2373	2377	rBV2	1209332	2033679	14.80%	0.707%
92	17.336	2377	2380	2387	rVB	1261453	1820477	13.25%	0.633%
93	17.695	2438	2441	2446	rBV3	1085485	1549681	11.28%	0.539%
94	18.165	2517	2521	2525	rBV	1204888	1802666	13.12%	0.627%
95	18.218	2526	2530	2536	rVB	1376360	2095634	15.25%	0.729%
96	18.907	2644	2647	2653	rBV2	401007	692122	5.04%	0.241%
97	19.077	2672	2676	2681	rVV	860986	1232374	8.97%	0.429%
98	19.901	2811	2816	2821	rVB	5595260	7136402	51.93%	2.482%
99	21.453	3075	3080	3089	rBV	1267221	1647468	11.99%	0.573%
100	23.789	3471	3477	3490	rVB2	804712	1622971	11.81%	0.564%

Sum of corrected areas: 287520470

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Data File : BM033270.D
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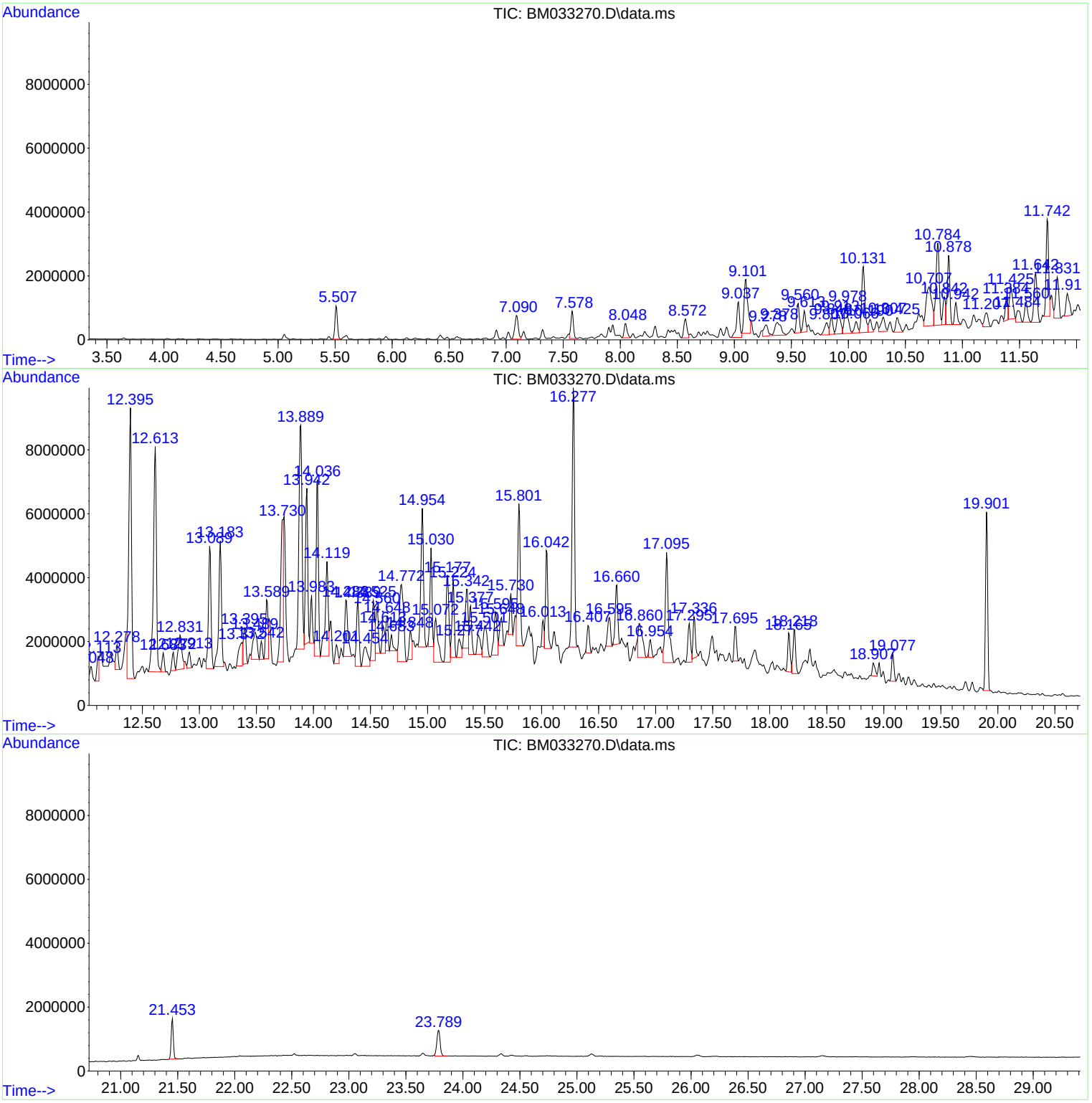
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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\BM112621\
Data File : BM033270.D
Acq On : 26 Nov 2021 18:17
Operator : CG/JU
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

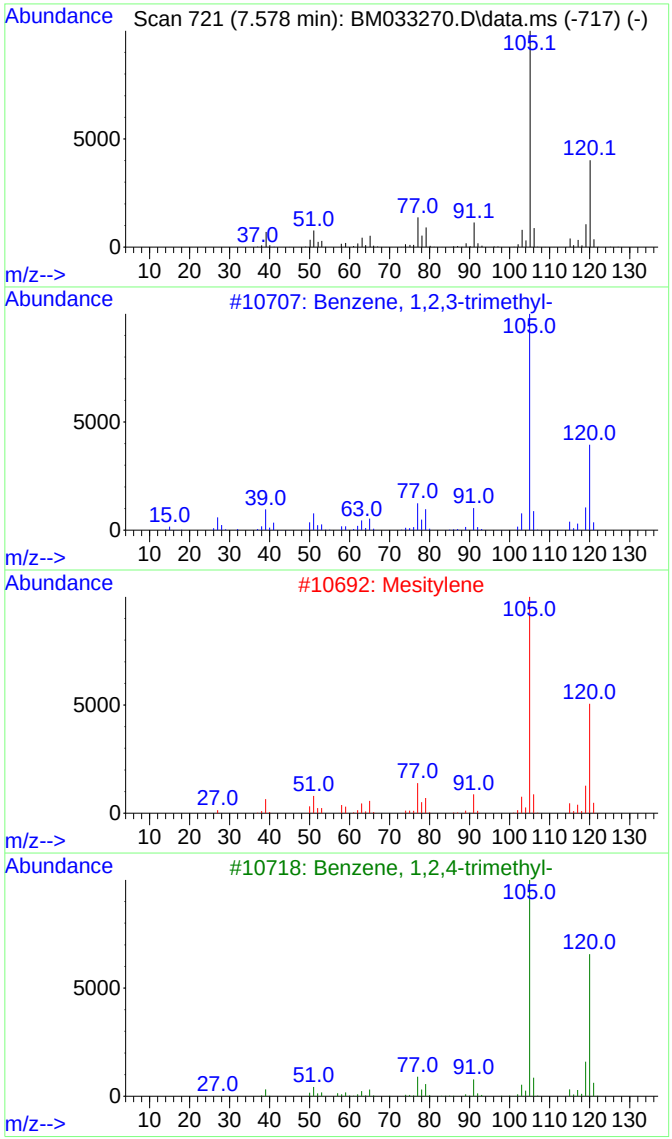
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

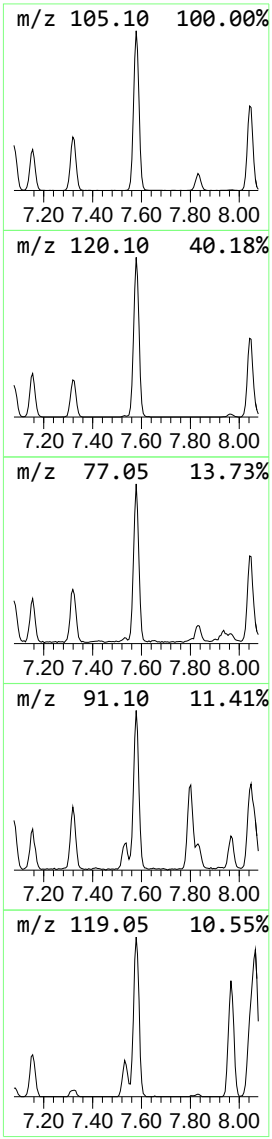
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.578	32.52 ng	1301420	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033270.D
Acq On : 26 Nov 2021 18:17
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Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

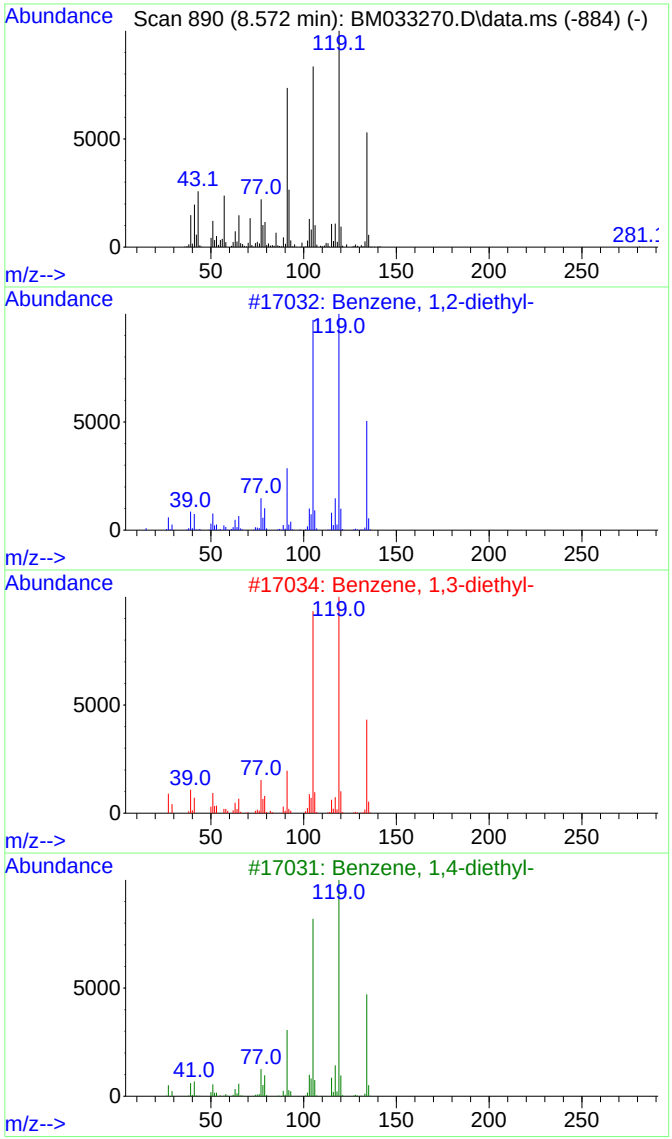
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

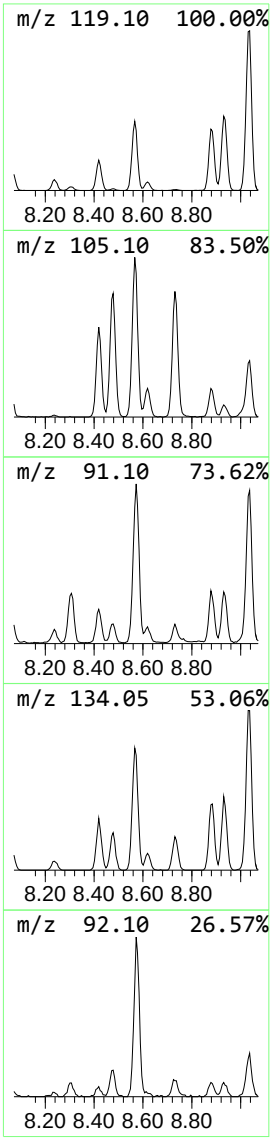
****

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.572	28.49 ng	1140340	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033270.D
Acq On : 26 Nov 2021 18:17
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Sample : M4815-05
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BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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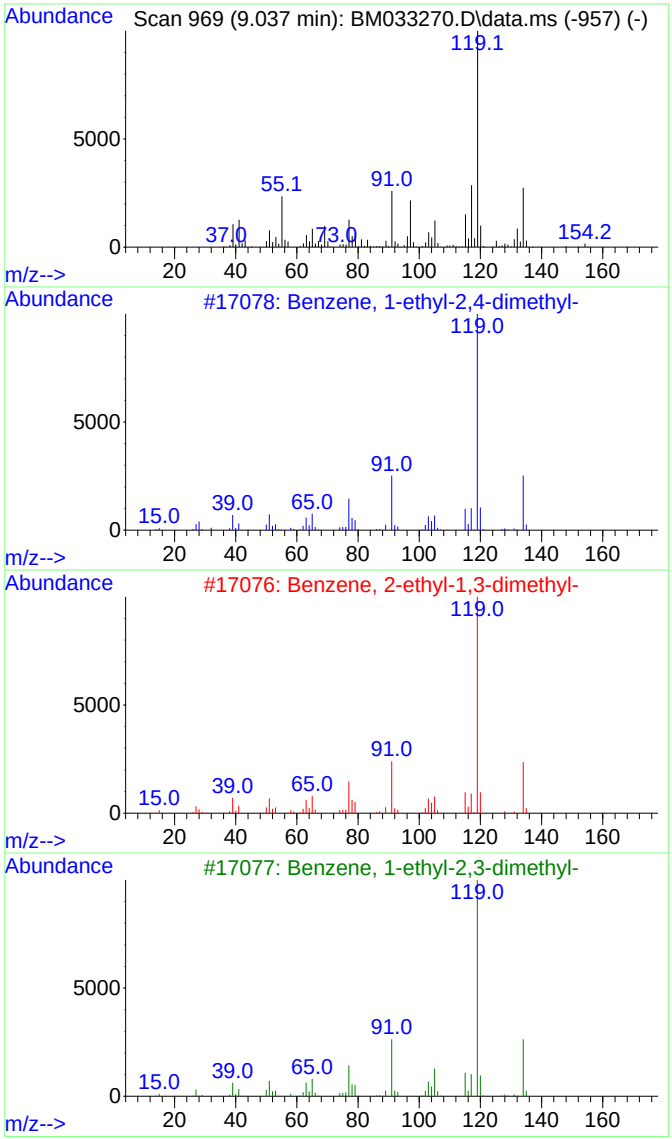
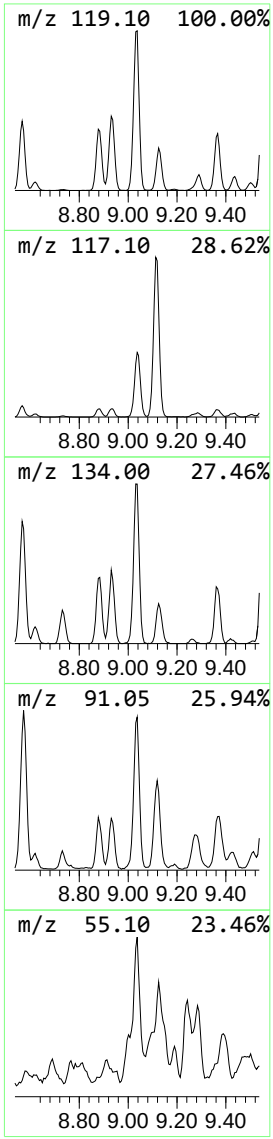
Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.037	54.21 ng	2169460	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033270.D
Acq On : 26 Nov 2021 18:17
Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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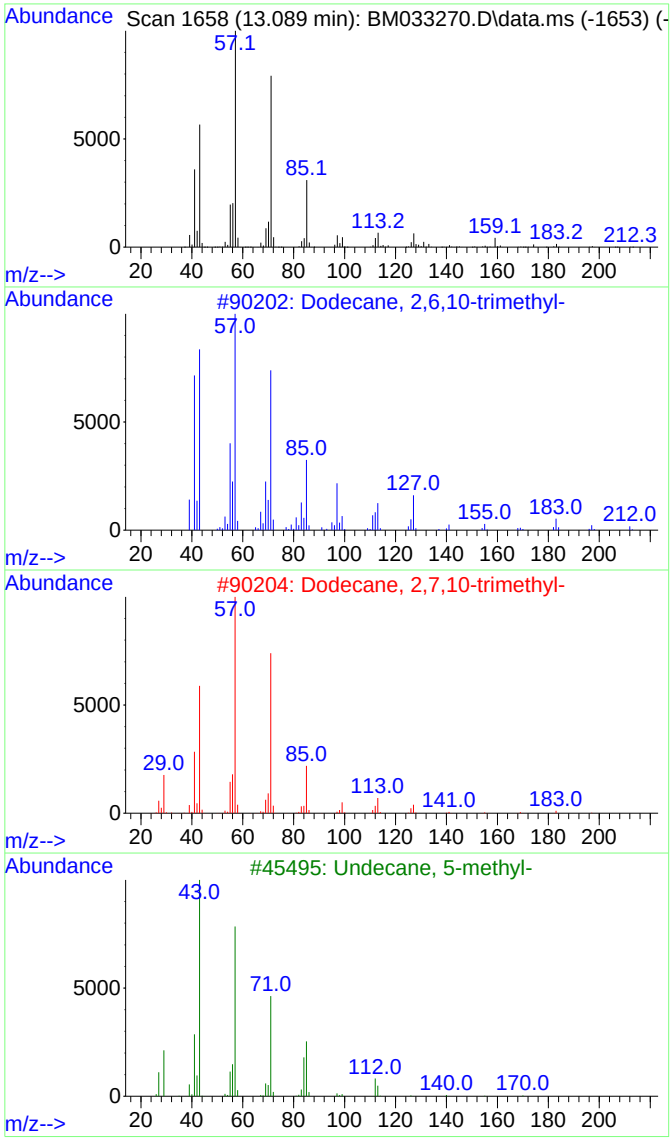
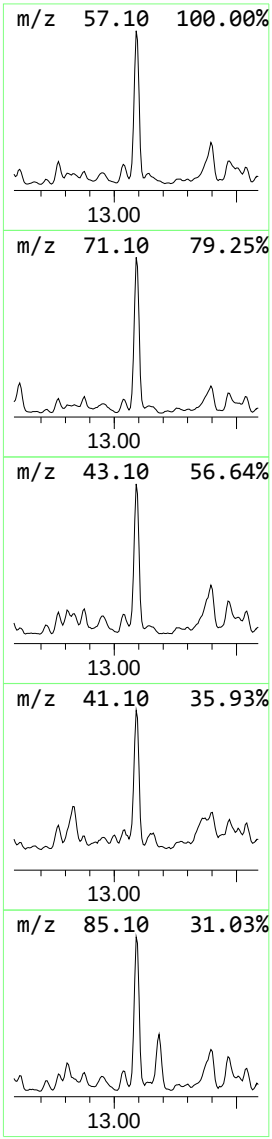
Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.089	56.66 ng	5946060	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
4	Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	53
5	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1010309-38-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033270.D
Acq On : 26 Nov 2021 18:17
Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

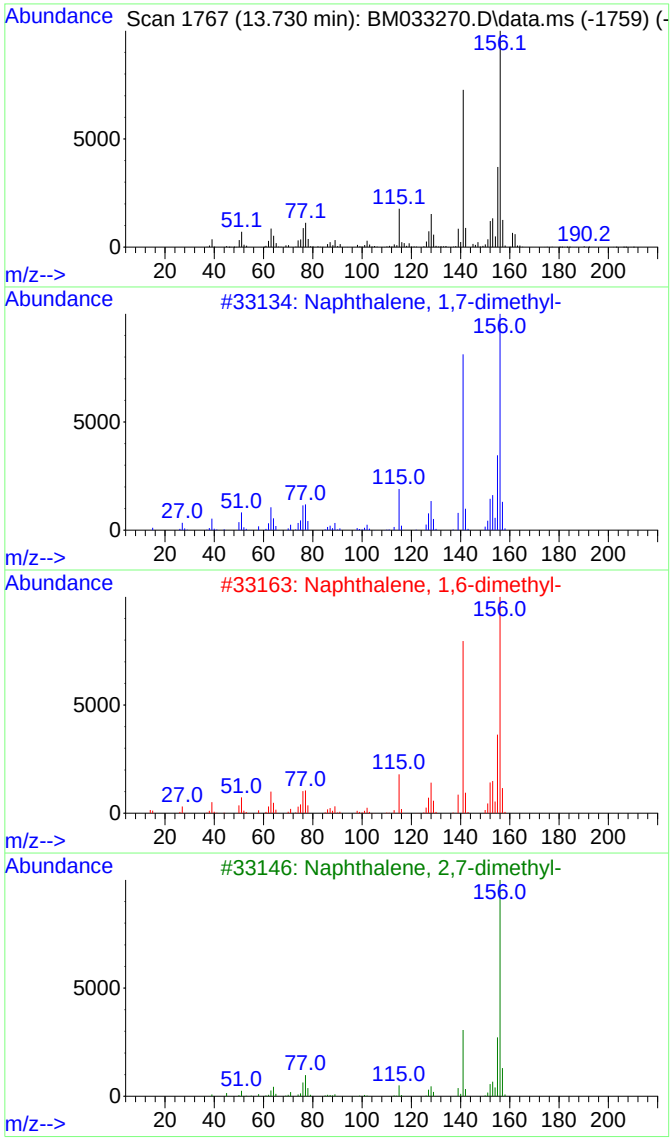
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

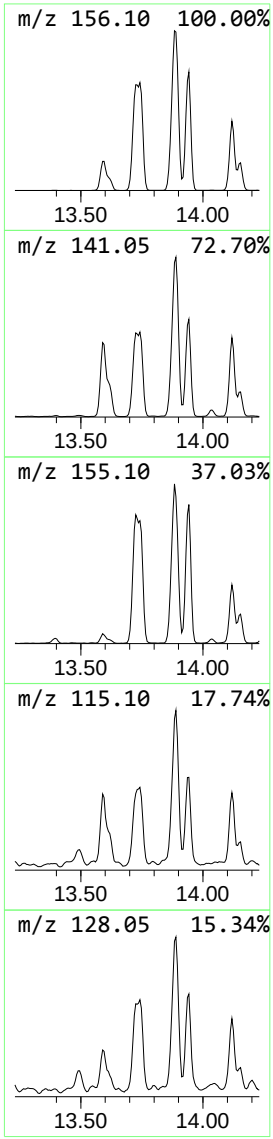
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	74.87 ng	7856910	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Data File : BM033270.D
Acq On : 26 Nov 2021 18:17
Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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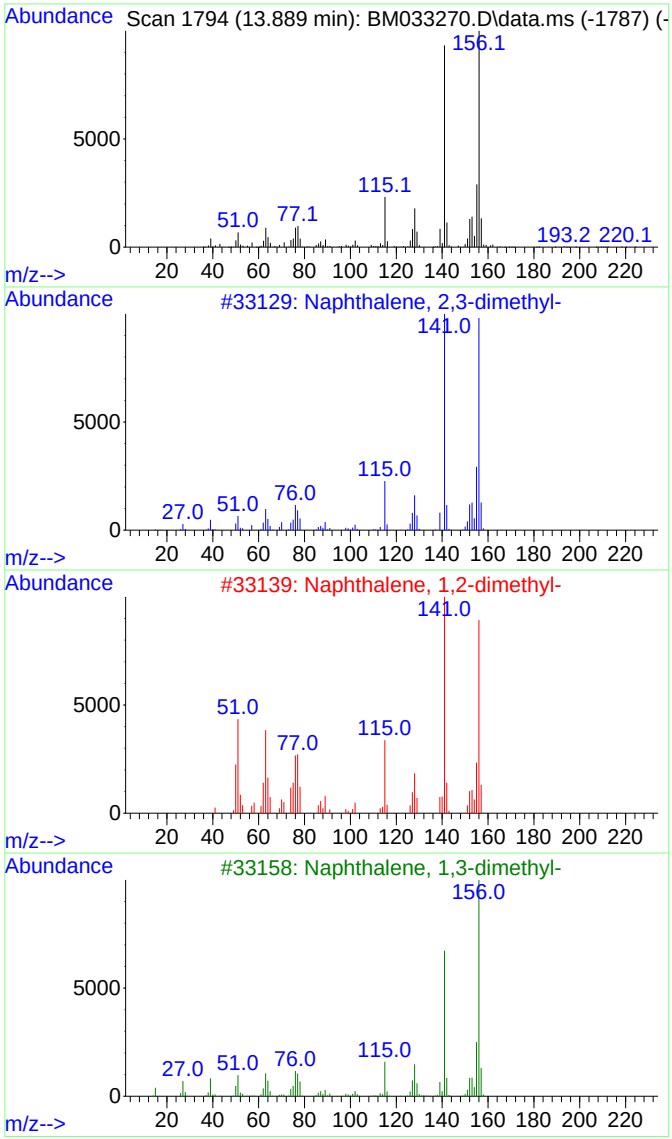
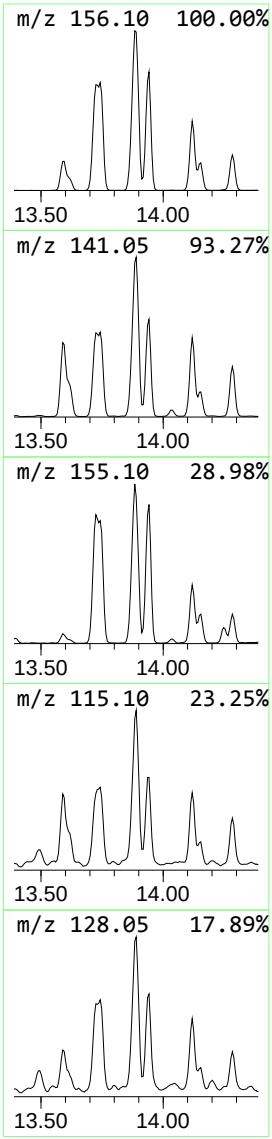
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	125.85 ng	13206800	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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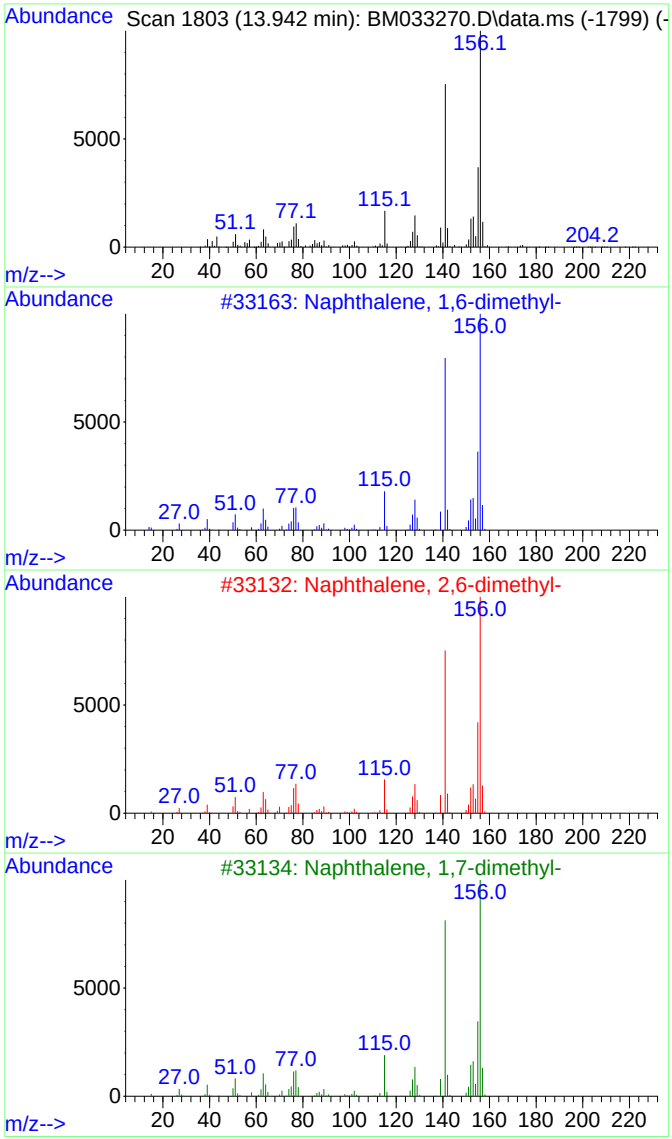
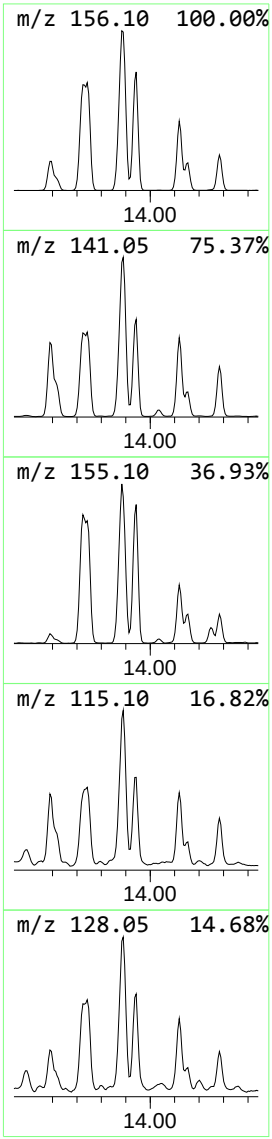
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.942	62.58 ng	6567370	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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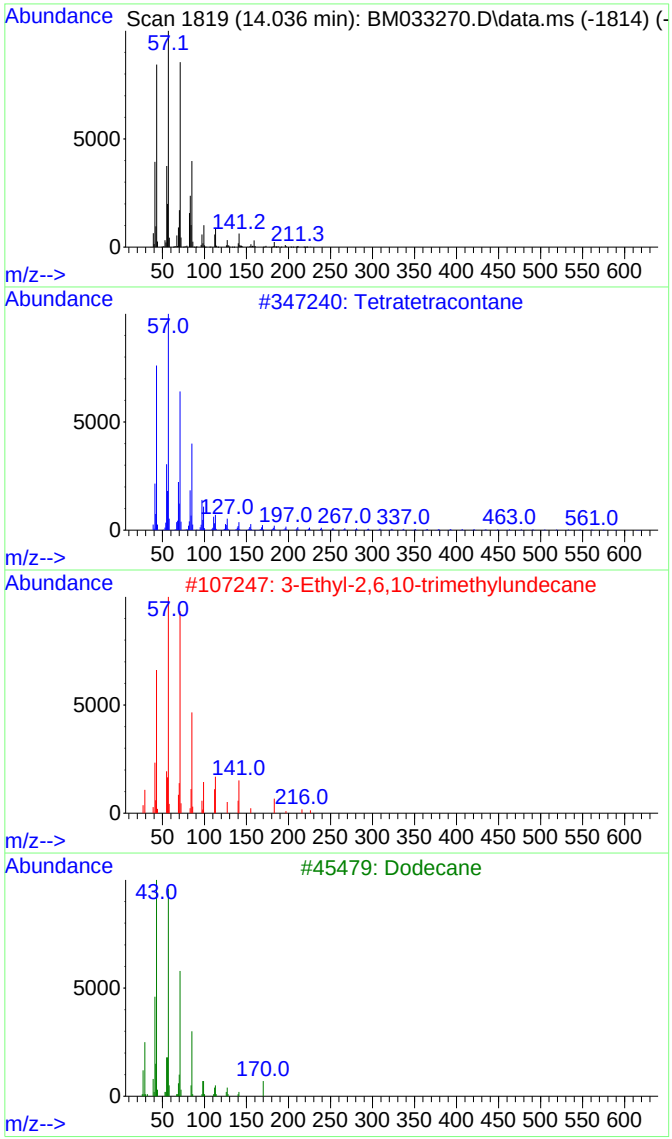
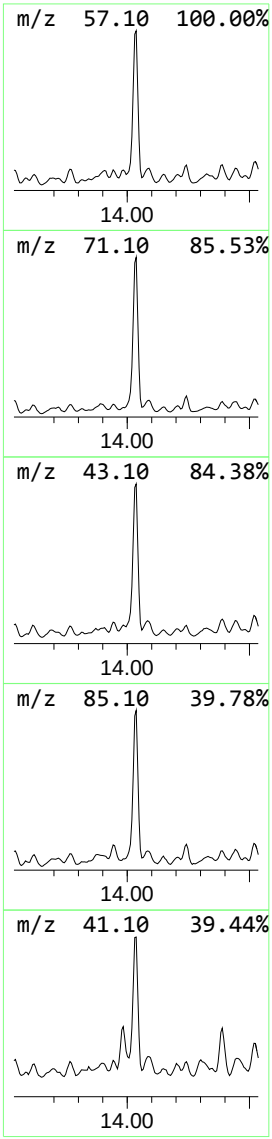
Peak Number 8 Tetratetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	74.17 ng	7783550	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
3	Dodecane	170	C12H26	000112-40-3	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	72





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Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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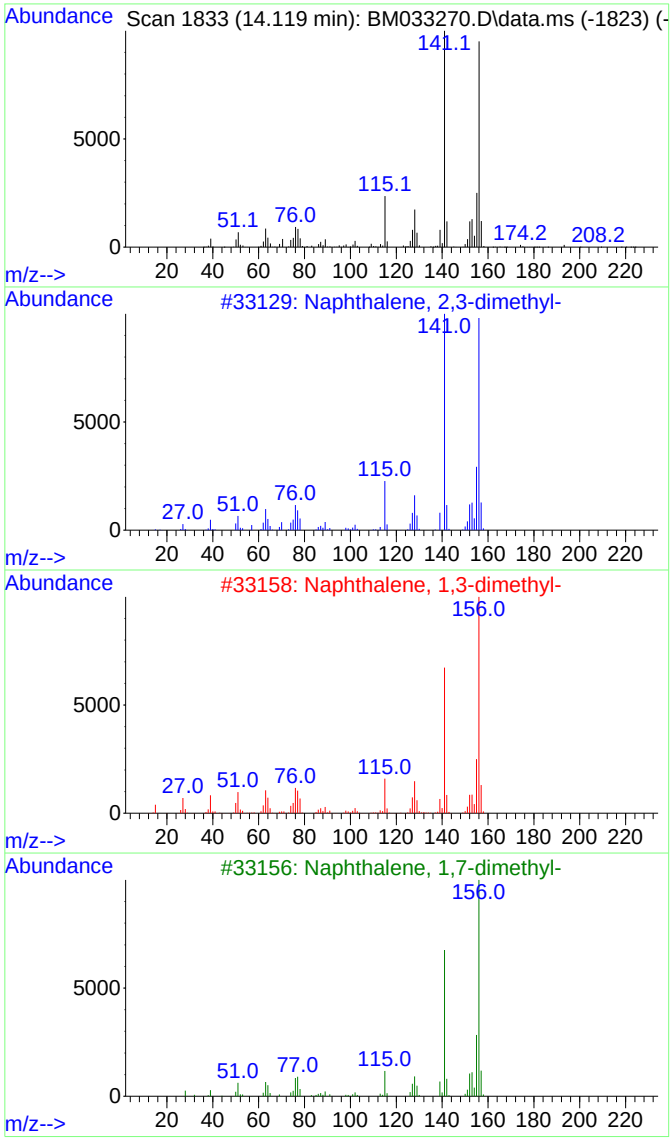
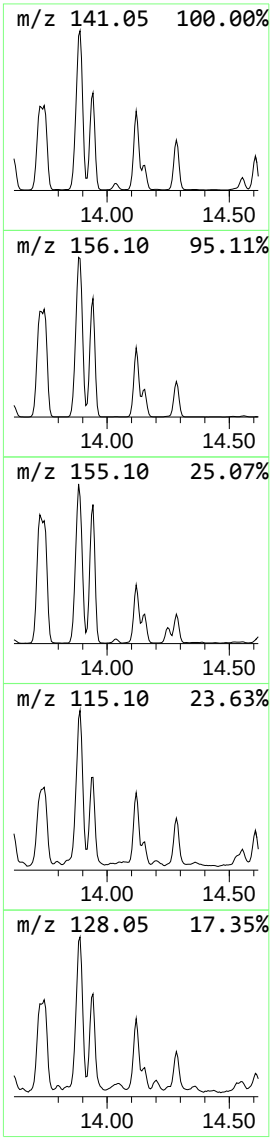
Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.119	51.79 ng	5435150	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Acq On : 26 Nov 2021 18:17
Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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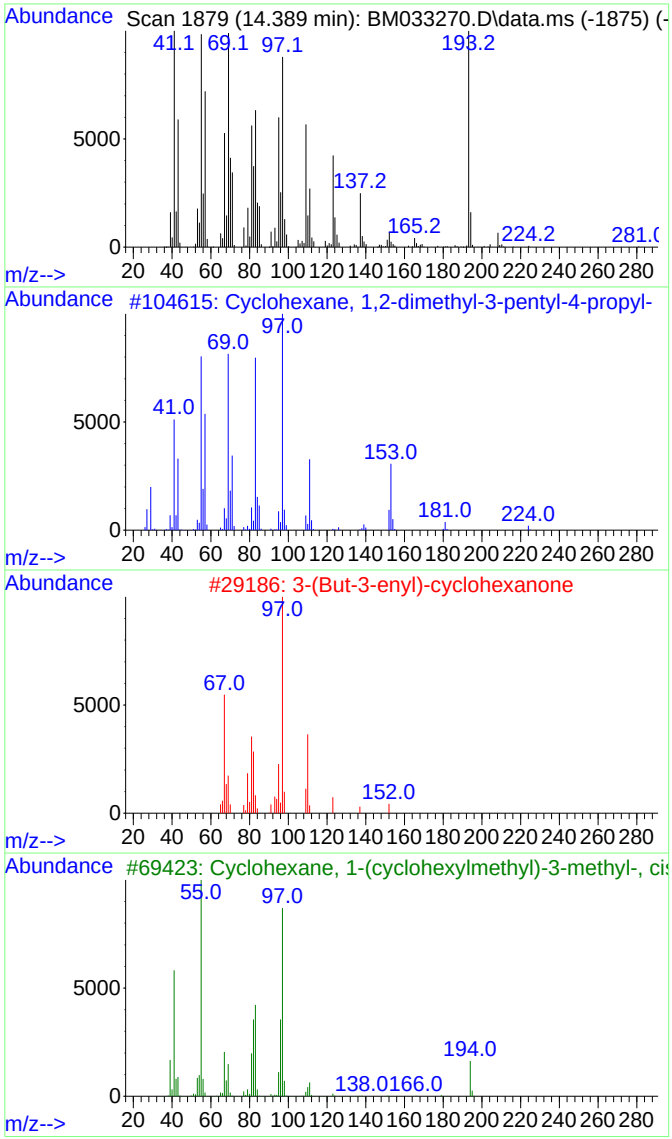
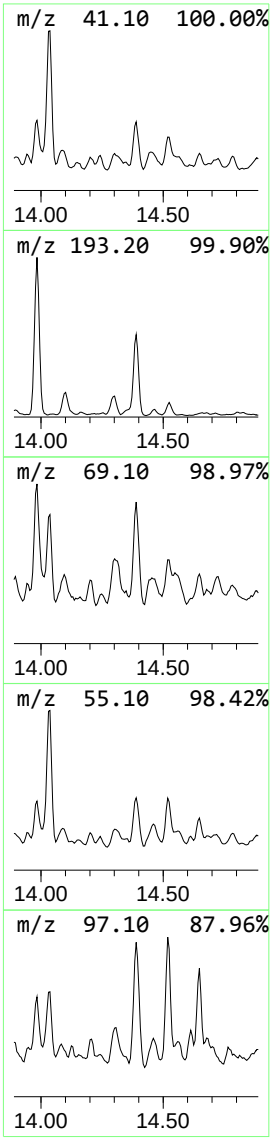
Peak Number 10 unknown14.389 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.389	30.23 ng	3172430	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	27
2	3-(But-3-enyl)-cyclohexanone	152	C10H16O	003636-03-1	18
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	18
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	15
5	2,6-Octadien-1-ol, 3,7-dimethyl-...	154	C10H18O	000106-25-2	11





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Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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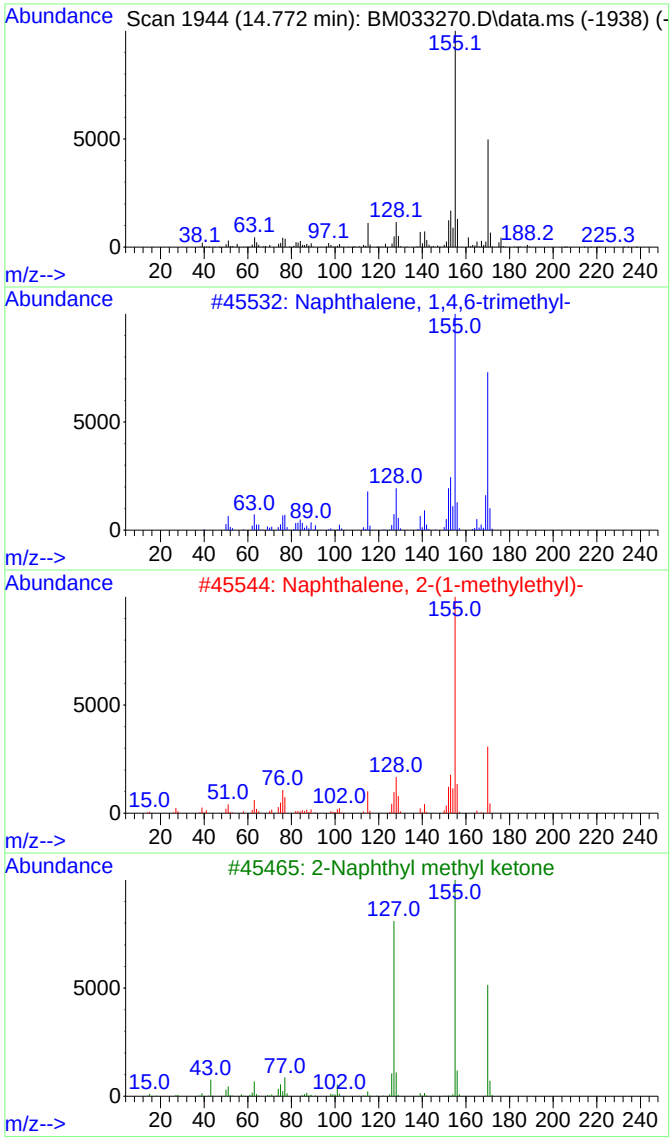
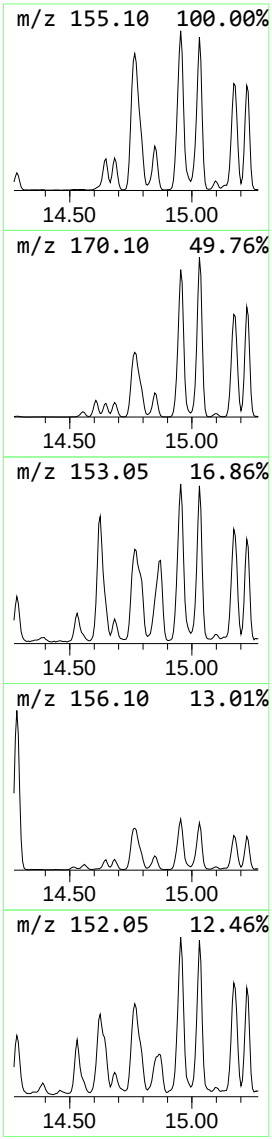
Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.772	60.18 ng	6315650	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72





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Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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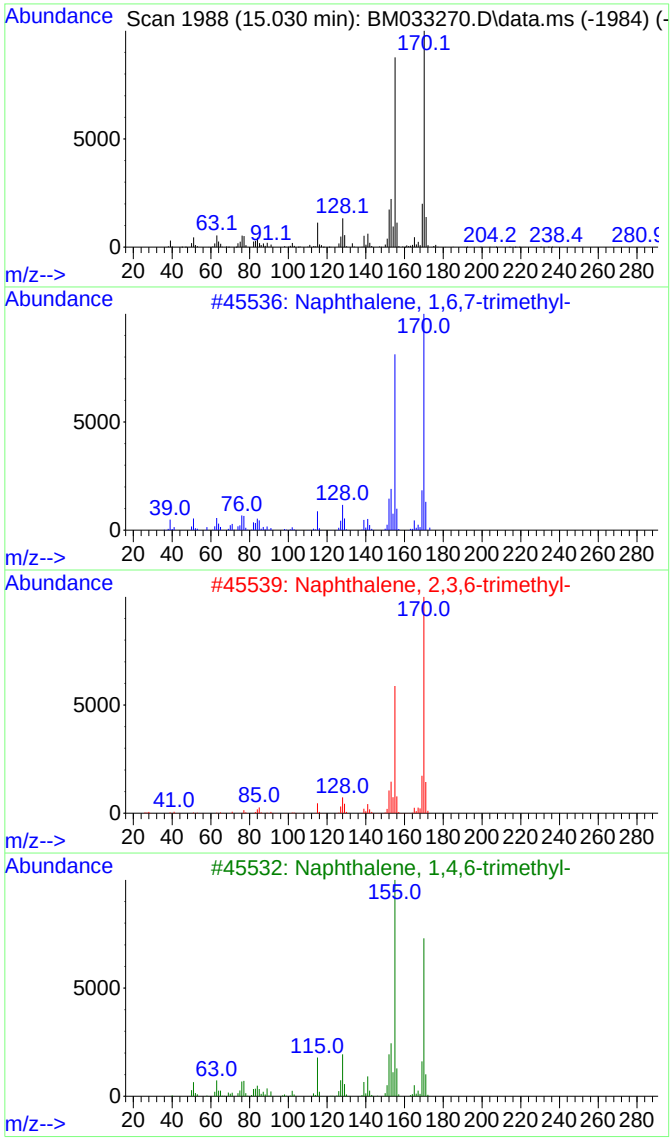
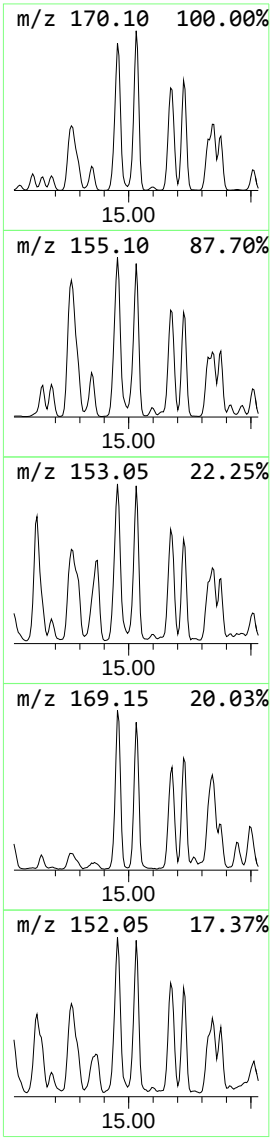
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.030	37.70 ng	3955870	Acenaphthene-d10	14.560

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





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Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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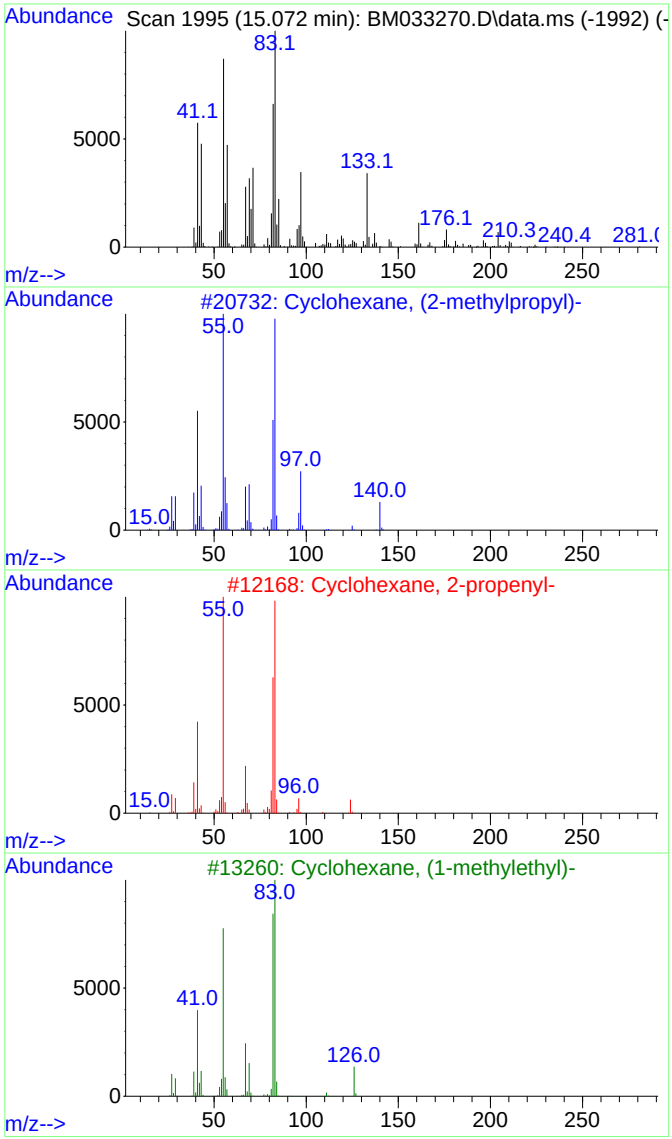
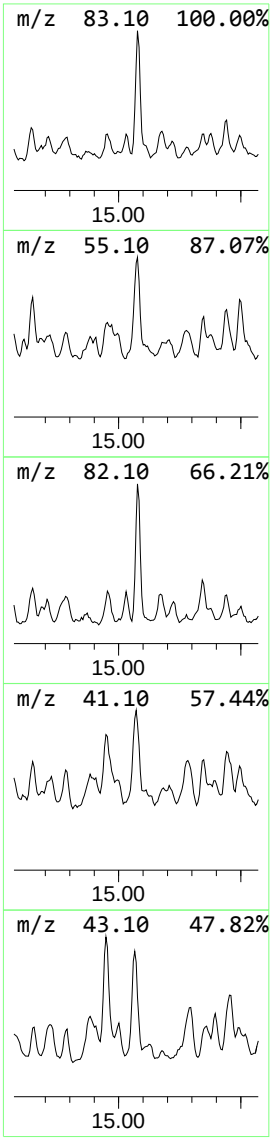
Peak Number 13 Cyclohexane, (2-methylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.072	28.65 ng	3006810	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	50
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	47





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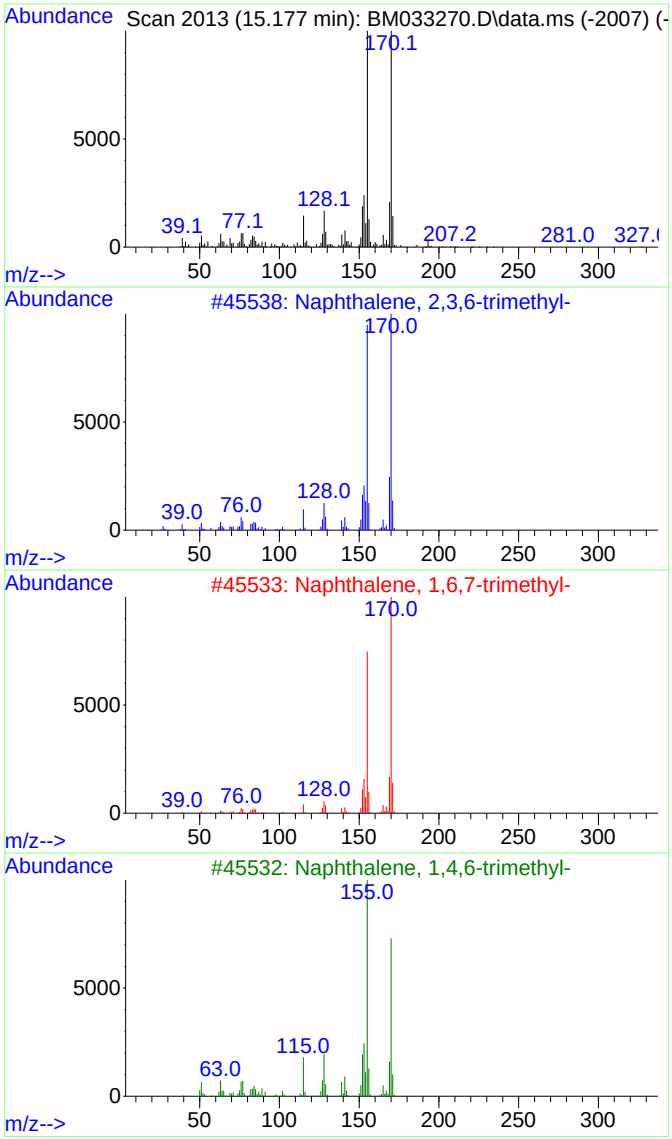
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

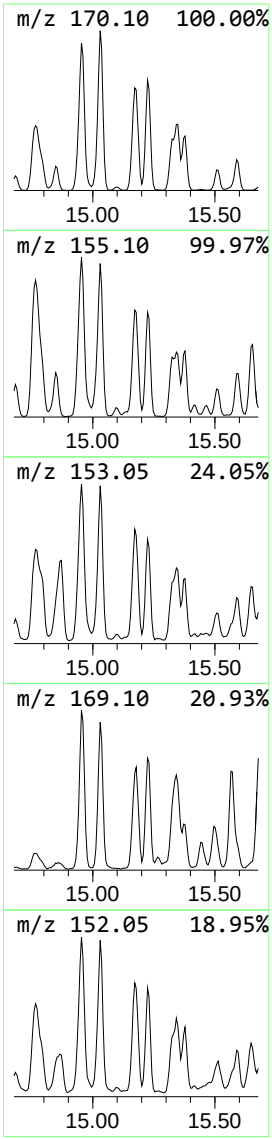
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.177	45.79 ng	4805080	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

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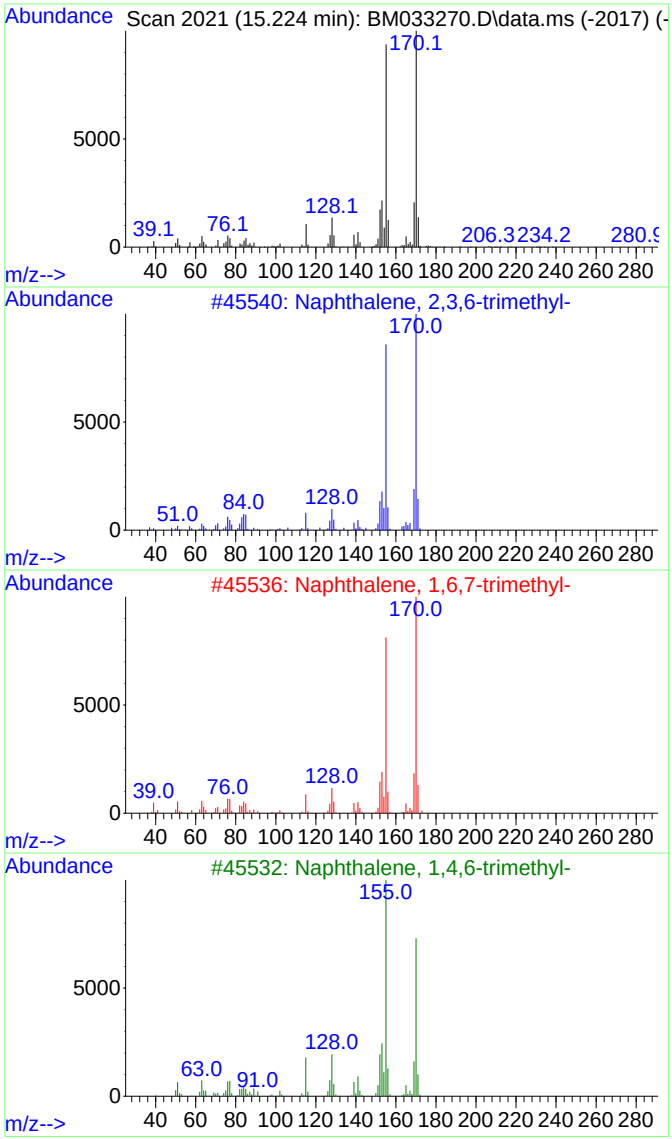
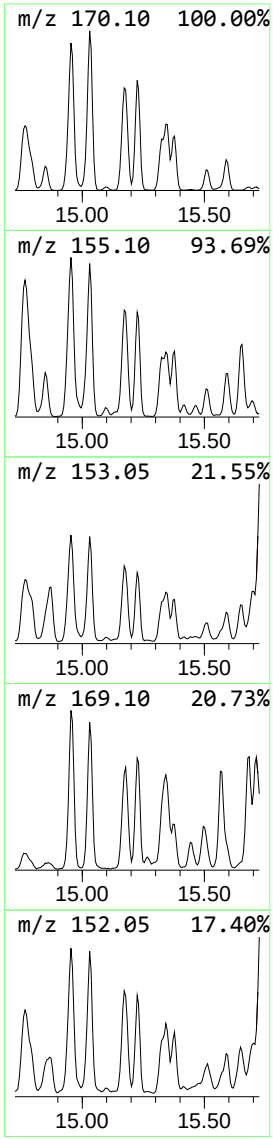
Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.225	31.75 ng	3332280	Acenaphthene-d10	14.560

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





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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

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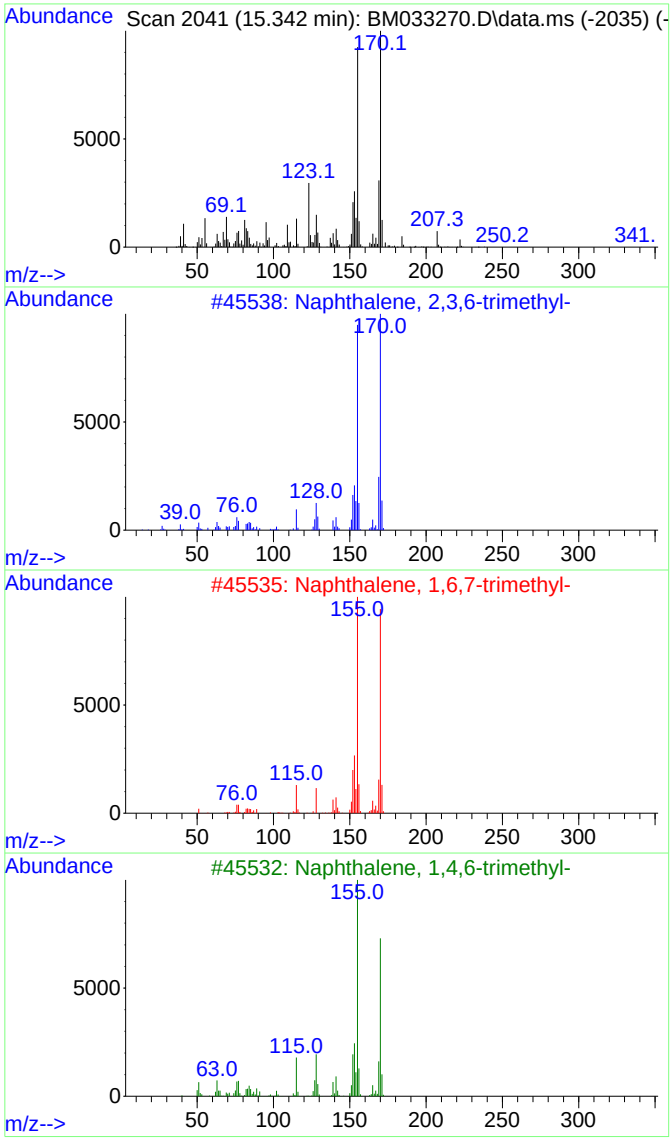
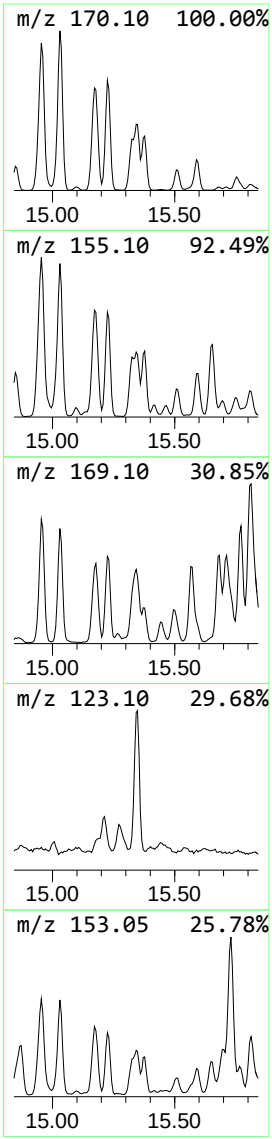
Peak Number 16 4,6,8-Trimethylazulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.342	33.66 ng	3532190	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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ALS Vial : 7 Sample Multiplier: 1

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BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

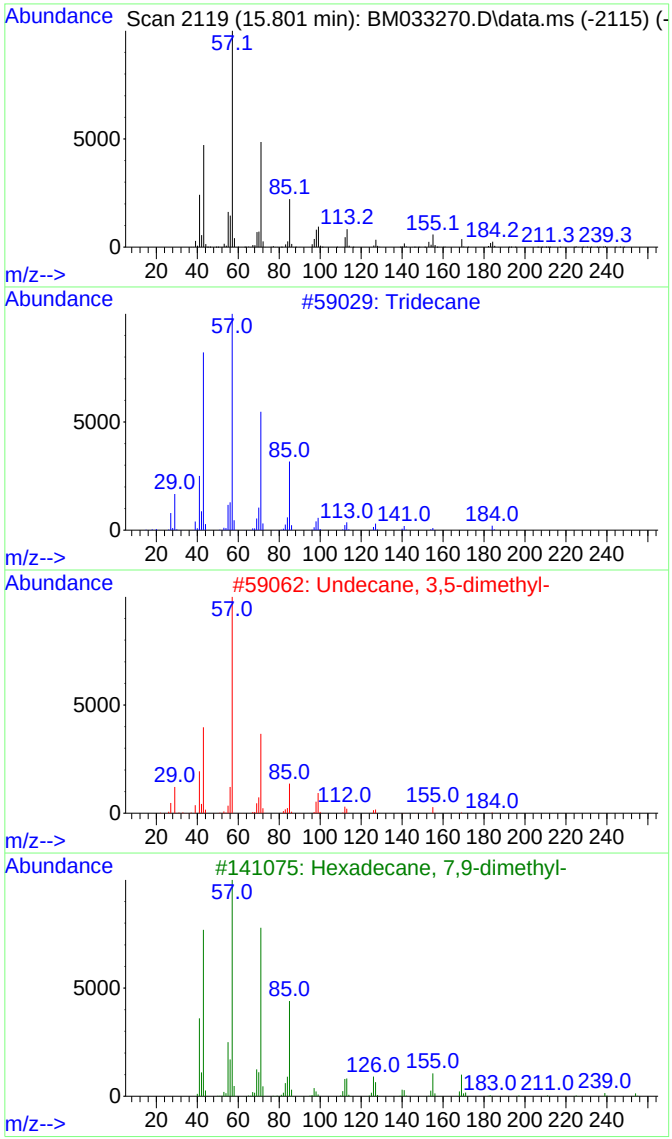
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

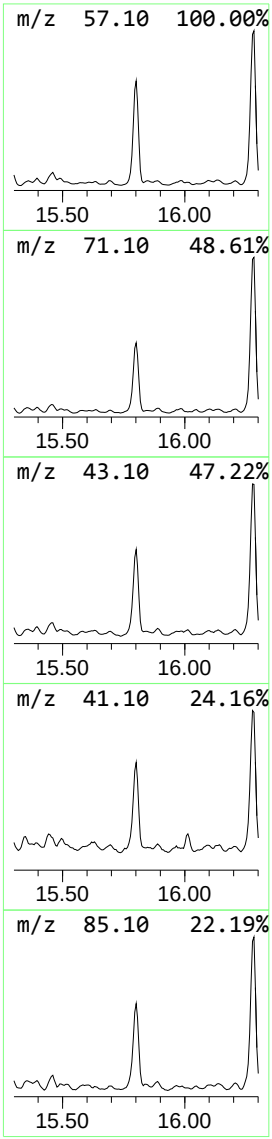
****

Peak Number 17 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.801	67.39 ng	7071830	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	62
5	Heptacosane	380	C27H56	000593-49-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033270.D
Acq On : 26 Nov 2021 18:17
Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

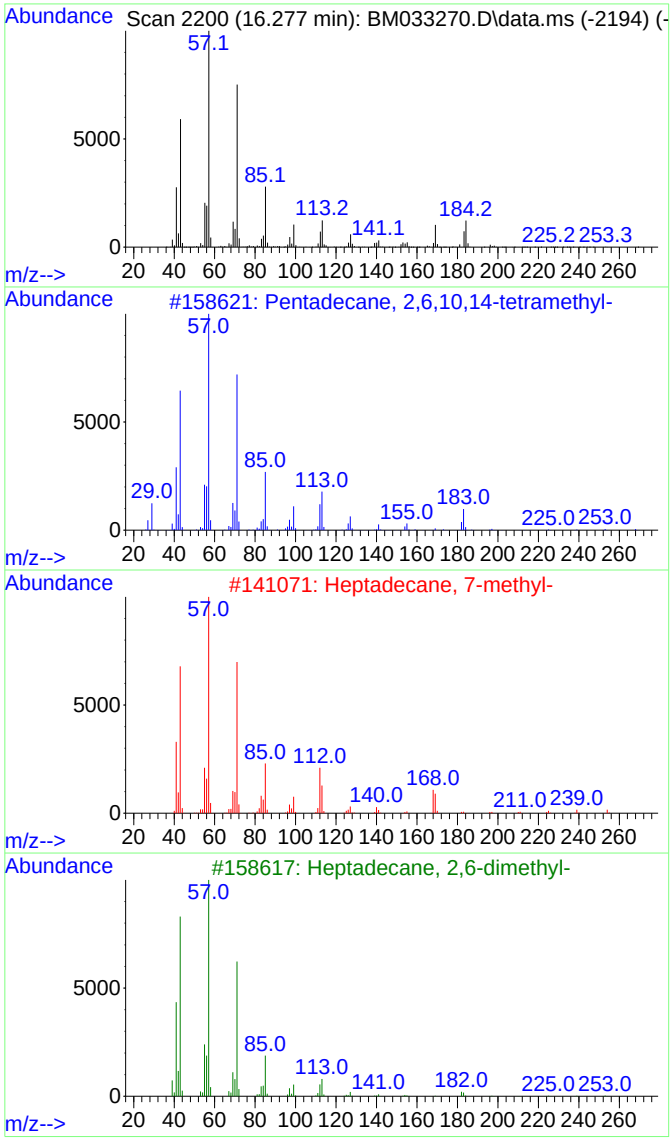
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

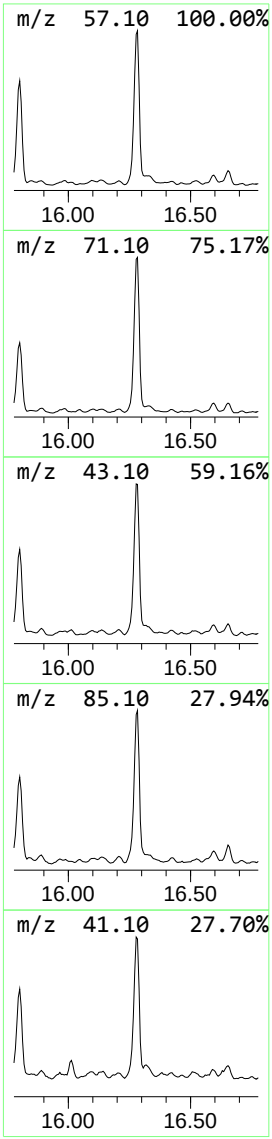
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.277	120.67 ng	12270200	Phenanthrene-d10	17.295

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033270.D
Acq On : 26 Nov 2021 18:17
Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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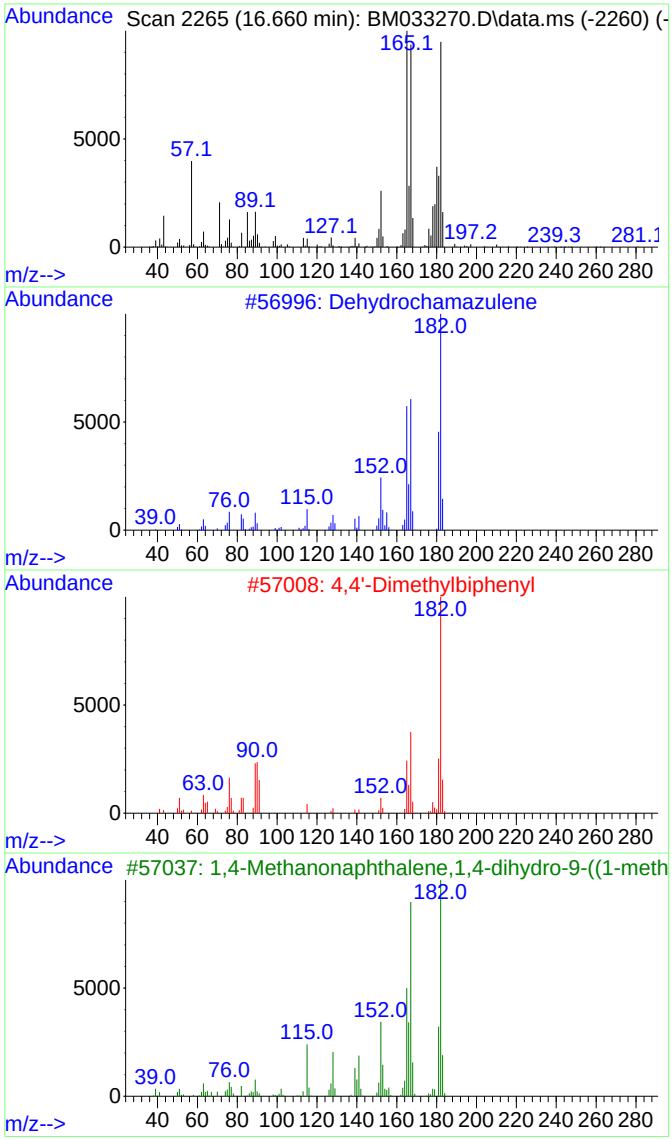
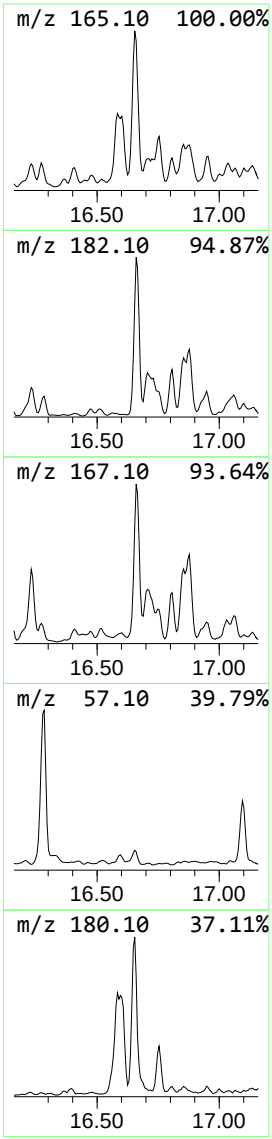
Peak Number 19 Dehydrochamazulene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.660	28.12 ng	2859620	Phenanthrene-d10	17.295

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydrochamazulene	182	C14H14	321732-25-6	81
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	76
3	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	70
4	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	68
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033270.D
Acq On : 26 Nov 2021 18:17
Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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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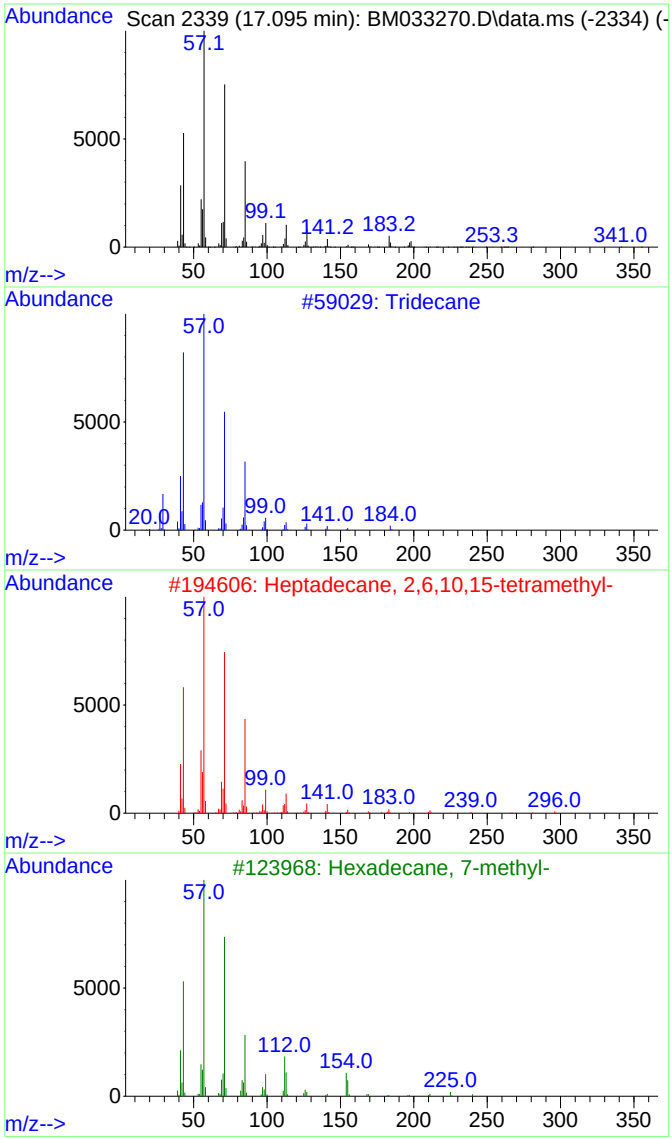
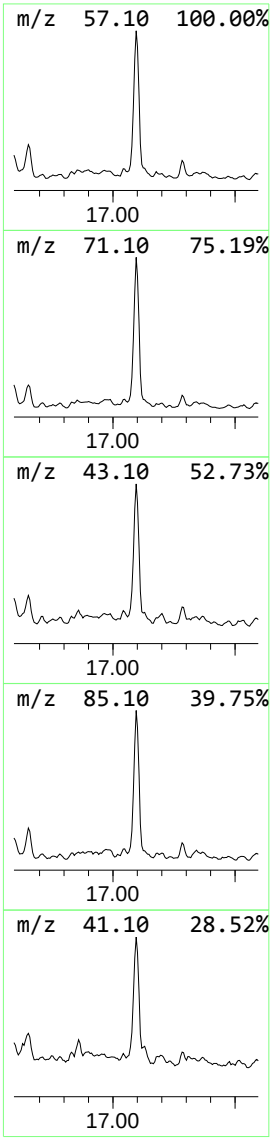
Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.095	67.26 ng	6839170	Phenanthrene-d10	17.295

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033270.D
Acq On : 26 Nov 2021 18:17
Operator : CG/JU
Sample : M4815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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, 1,2,3-...	7.578	32.5	ng	1301420	1	7.937	800389	20.0
Benzene, 1,2-di...	8.572	28.5	ng	1140340	1	7.937	800389	20.0
Benzene, 1-ethy...	9.037	54.2	ng	2169460	1	7.937	800389	20.0
Dodecane, 2,6,1...	13.089	56.7	ng	5946060	3	14.560	2098830	20.0
Naphthalene, 1,...	13.730	74.9	ng	7856910	3	14.560	2098830	20.0
Naphthalene, 2,...	13.889	125.8	ng	13206800	3	14.560	2098830	20.0
Naphthalene, 1,...	13.942	62.6	ng	6567370	3	14.560	2098830	20.0
Tetratetracontane	14.036	74.2	ng	7783550	3	14.560	2098830	20.0
Naphthalene, 1,...	14.119	51.8	ng	5435150	3	14.560	2098830	20.0
unknown14.389	14.389	30.2	ng	3172430	3	14.560	2098830	20.0
Naphthalene, 1,...	14.772	60.2	ng	6315650	3	14.560	2098830	20.0
Naphthalene, 1,...	15.030	37.7	ng	3955870	3	14.560	2098830	20.0
Cyclohexane, (2...	15.072	28.6	ng	3006810	3	14.560	2098830	20.0
Naphthalene, 2,...	15.177	45.8	ng	4805080	3	14.560	2098830	20.0
Naphthalene, 1,...	15.225	31.8	ng	3332280	3	14.560	2098830	20.0
4,6,8-Trimethyl...	15.342	33.7	ng	3532190	3	14.560	2098830	20.0
Tridecane	15.801	67.4	ng	7071830	3	14.560	2098830	20.0
Pentadecane, 2,...	16.277	120.7	ng	12270200	4	17.295	2033680	20.0
Dehydrochamazulene	16.660	28.1	ng	2859620	4	17.295	2033680	20.0
Heptadecane, 2,...	17.095	67.3	ng	6839170	4	17.295	2033680	20.0