LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111169.D
Acq On : 7 Dec 2018 6:22
Operator : JU/SJ
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

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_F\METHODS\8270-BF120518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	193	196	208	rBV	176329	370264	3.24%	0.281%
2	3.863	292	302	308	rBV2	123379	191379	1.68%	0.145%
3	5.022	490	499	506	rBV	494505	673307	5.90%	0.510%
4	5.428	562	568	571	rBV	10241208	10284498	90.05%	7.793%
5	6.440	734	740	750	rBV2	10220256	11420995	100.00%	8.654%
6	6.581	759	764	767	rBV	10688128	10291745	90.11%	7.798%
7	6.810	799	803	806	rBV	3243799	2626656	23.00%	1.990%
8	6.969	825	830	833	rVB	8786327	7826209	68.52%	5.930%
9	7.369	892	898	901	rBV	7022077	6491353	56.84%	4.919%
10	8.087	1016	1020	1023	rBV	3503594	3196264	27.99%	2.422%
11	8.110	1023	1024	1027	rVB	590871	301247	2.64%	0.228%
12	8.798	1138	1141	1144	rVB	162986	144688	1.27%	0.110%
13	9.169	1199	1204	1207	rBV	10311715	9046971	79.21%	6.855%
14	9.557	1267	1270	1273	rVV	1467943	1075318	9.42%	0.815%
15	9.698	1290	1294	1298	rBV	157527	146960	1.29%	0.111%
16	9.845	1312	1319	1322	rBV	2975770	2714096	23.76%	2.056%
17	9.875	1322	1324	1327	rVB	562437	406005	3.55%	0.308%
18	10.045	1350	1353	1356	rVB	339157	263318	2.31%	0.200%
19	10.386	1408	1411	1417	rBV	491552	411786	3.61%	0.312%
20	10.451	1417	1422	1424	rBV	101808	115670	1.01%	0.088%
21	10.545	1436	1438	1443	rVB4	103247	157203	1.38%	0.119%
22	10.598	1443	1447	1448	rBV	241038	200223	1.75%	0.152%
23	10.628	1448	1452	1457	rVB	5390216	4646089	40.68%	3.520%
24	10.763	1471	1475	1479	rBV	1092119	1014186	8.88%	0.768%
25	10.816	1481	1484	1486	rBV	1562990	1221854	10.70%	0.926%
26	10.851	1486	1490	1493	rVV2	1592794	1884037	16.50%	1.428%
27	10.881	1493	1495	1497	rVV2	1641950	1363896	11.94%	1.033%
28	10.904	1497	1499	1502	rVV	971399	895222	7.84%	0.678%
29	10.951	1502	1507	1508	rVV2	631124	926667	8.11%	0.702%
30	10.998	1511	1515	1518	rVV3	1286664	1564920	13.70%	1.186%
31	11.033	1518	1521	1523	rVV	1317393	1282604	11.23%	0.972%
32	11.051	1523	1524	1526	rVV2	546595	425865	3.73%	0.323%
33	11.075	1526	1528	1532	rVB2	797986	683105	5.98%	0.518%
34	11.222	1549	1553	1555	rVV	333300	346671	3.04%	0.263%

LSC Area Percent Report

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Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

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_F\METHODS\8270-BF120518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.263	1558	1560	1566	rVB3	150677	237219	2.08%	0.180%
36	11.328	1567	1571	1573	rBV	2555060	2565974	22.47%	1.944%
37	11.351	1573	1575	1578	rVV	3991188	2953028	25.86%	2.238%
38	11.398	1578	1583	1586	rVB	899717	790559	6.92%	0.599%
39	11.551	1604	1609	1612	rBV2	412297	441808	3.87%	0.335%
40	11.828	1652	1656	1658	rBV	392579	330562	2.89%	0.250%
41	11.857	1658	1661	1666	rVV2	1911859	1939422	16.98%	1.470%
42	11.898	1666	1668	1671	rVV	227898	230382	2.02%	0.175%
43	11.939	1671	1675	1677	rVV	688240	682981	5.98%	0.517%
44	11.963	1677	1679	1681	rVB	245552	196652	1.72%	0.149%
45	12.122	1703	1706	1707	rBV	312984	240300	2.10%	0.182%
46	12.139	1707	1709	1713	rVB	364459	295830	2.59%	0.224%
47	12.275	1726	1732	1734	rBV2	109964	124557	1.09%	0.094%
48	12.375	1743	1749	1752	rBV2	227343	288883	2.53%	0.219%
49	12.416	1752	1756	1757	rVV2	128361	149599	1.31%	0.113%
50	12.457	1761	1763	1769	rVB2	177306	203876	1.79%	0.154%
51	12.539	1773	1777	1780	rBV	4850114	4140101	36.25%	3.137%
52	12.645	1790	1795	1800	rBV3	516543	690135	6.04%	0.523%
53	12.686	1800	1802	1807	rVB	162611	152696	1.34%	0.116%
54	12.763	1809	1815	1819	rBV	3688196	4290354	37.57%	3.251%
55	12.816	1821	1824	1829	rVB2	165016	223629	1.96%	0.169%
56	12.880	1832	1835	1837	rBV	210827	217740	1.91%	0.165%
57	12.910	1837	1840	1844	rVB	6793861	6627773	58.03%	5.022%
58	12.986	1847	1853	1855	rBV2	225466	363633	3.18%	0.276%
59	13.069	1865	1867	1868	rBV	172249	145479	1.27%	0.110%
60	13.092	1868	1871	1874	rVB	566327	533466	4.67%	0.404%
61	13.133	1874	1878	1880	rBV4	100608	146277	1.28%	0.111%
62	13.157	1880	1882	1885	rVB	414659	345301	3.02%	0.262%
63	13.198	1885	1889	1891	rBV	365531	354093	3.10%	0.268%
64	13.286	1902	1904	1907	rVB	160751	144310	1.26%	0.109%
65	13.316	1907	1909	1913	rBV2	169499	180875	1.58%	0.137%
66	13.392	1919	1922	1927	rBV5	115732	120249	1.05%	0.091%
67	13.592	1954	1956	1959	rBV	167194	155166	1.36%	0.118%
68	13.710	1973	1976	1979	rVB2	197111	193933	1.70%	0.147%
69	13.739	1979	1981	1983	rVV	312767	232468	2.04%	0.176%
70	13.763	1983	1985	1989	rVV2	201619	241869	2.12%	0.183%
71	13.816	1989	1994	2000	rVB2	1277740	1574558	13.79%	1.193%

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

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_F\METHODS\8270-BF120518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.957	2011	2018	2021	rBV2	4219667	5423468	47.49%	4.109%
73	13.986	2021	2023	2026	rVB	1506308	1132033	9.91%	0.858%
74	14.069	2034	2037	2040	rBV	261996	248101	2.17%	0.188%
75	14.145	2047	2050	2052	rVB2	218952	186517	1.63%	0.141%
76	14.180	2053	2056	2060	rVB2	156377	161562	1.41%	0.122%
77	14.345	2082	2084	2087	rVB	230150	195722	1.71%	0.148%
78	14.380	2088	2090	2093	rVB	192927	142012	1.24%	0.108%
79	14.451	2098	2102	2107	rVV5	300964	626570	5.49%	0.475%
80	14.492	2107	2109	2112	rVB2	192947	170397	1.49%	0.129%
81	14.821	2163	2165	2171	rVB3	245138	266891	2.34%	0.202%
82	14.892	2174	2177	2181	rBV3	240838	257504	2.25%	0.195%
83	14.986	2189	2193	2196	rBV	1033508	1520801	13.32%	1.152%
84	15.086	2207	2210	2211	rBV2	262634	260904	2.28%	0.198%
85	15.280	2239	2243	2248	rVB	624142	759225	6.65%	0.575%
86	15.339	2249	2253	2258	rVB	869783	1002339	8.78%	0.759%
87	15.398	2259	2263	2266	rBV2	1060676	1328415	11.63%	1.007%
88	15.427	2266	2268	2271	rVB	147864	126454	1.11%	0.096%
89	16.810	2499	2503	2512	rVB2	411682	811450	7.10%	0.615%

Sum of corrected areas: 131977373

LSC Report - Integrated Chromatogram

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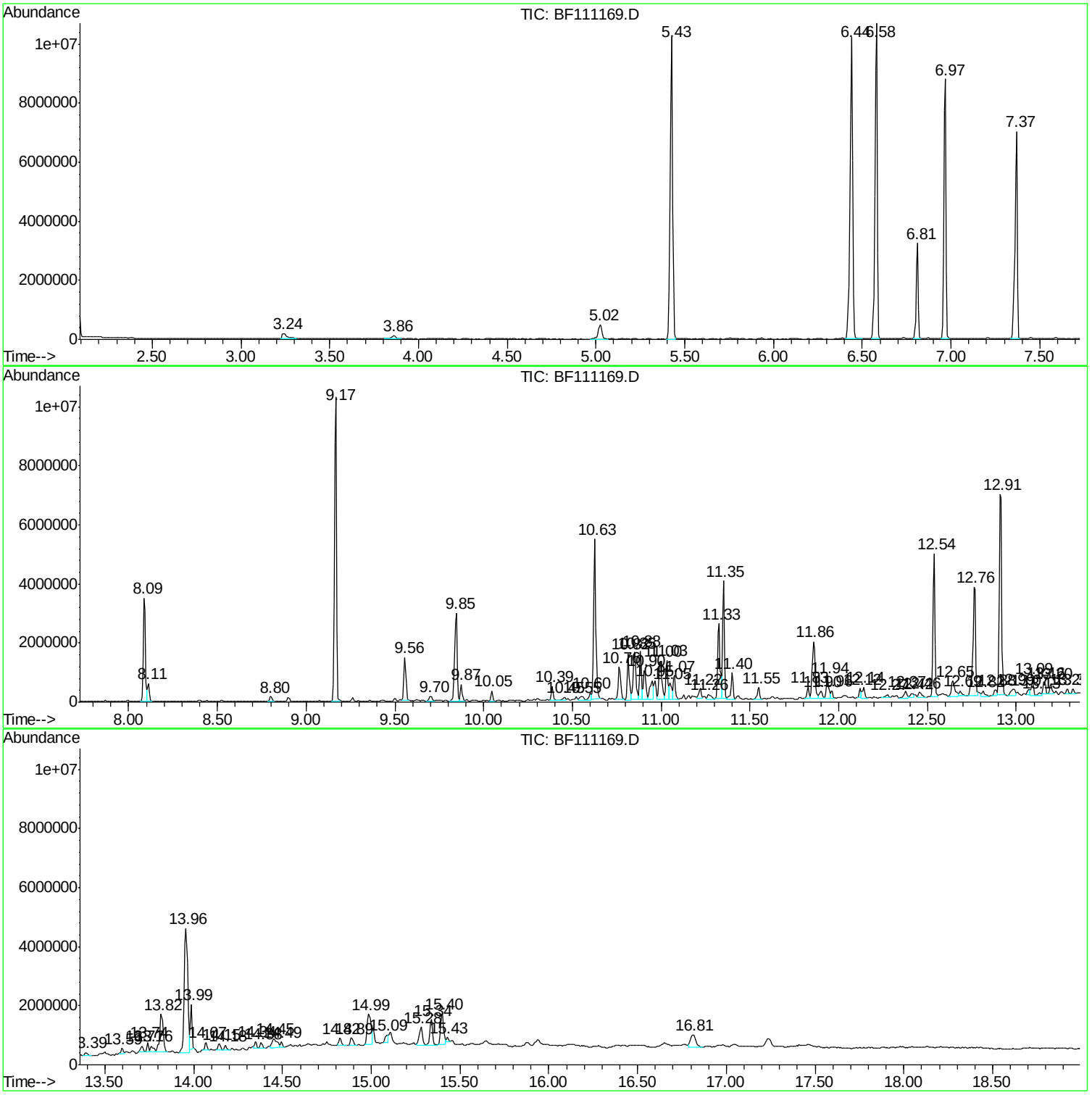
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111169.D
Acq On : 7 Dec 2018 6:22
Operator : JU/SJ
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

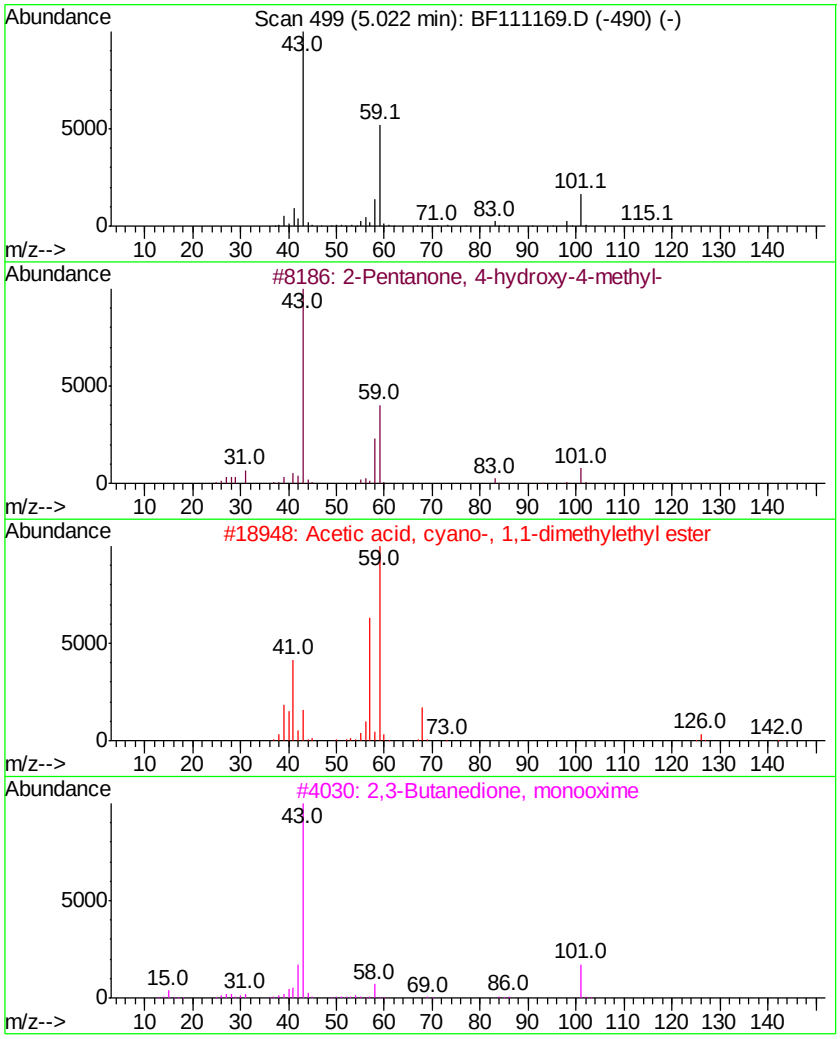
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

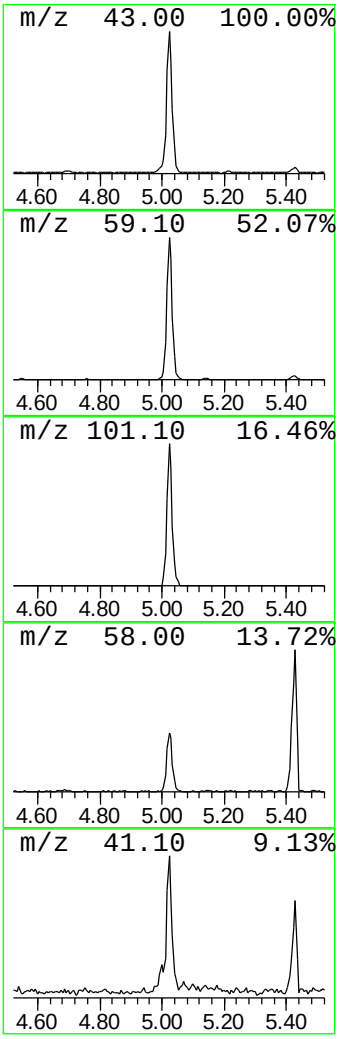
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	5.13 ng	673307	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111169.D
Acq On : 7 Dec 2018 6:22
Operator : JU/SJ
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

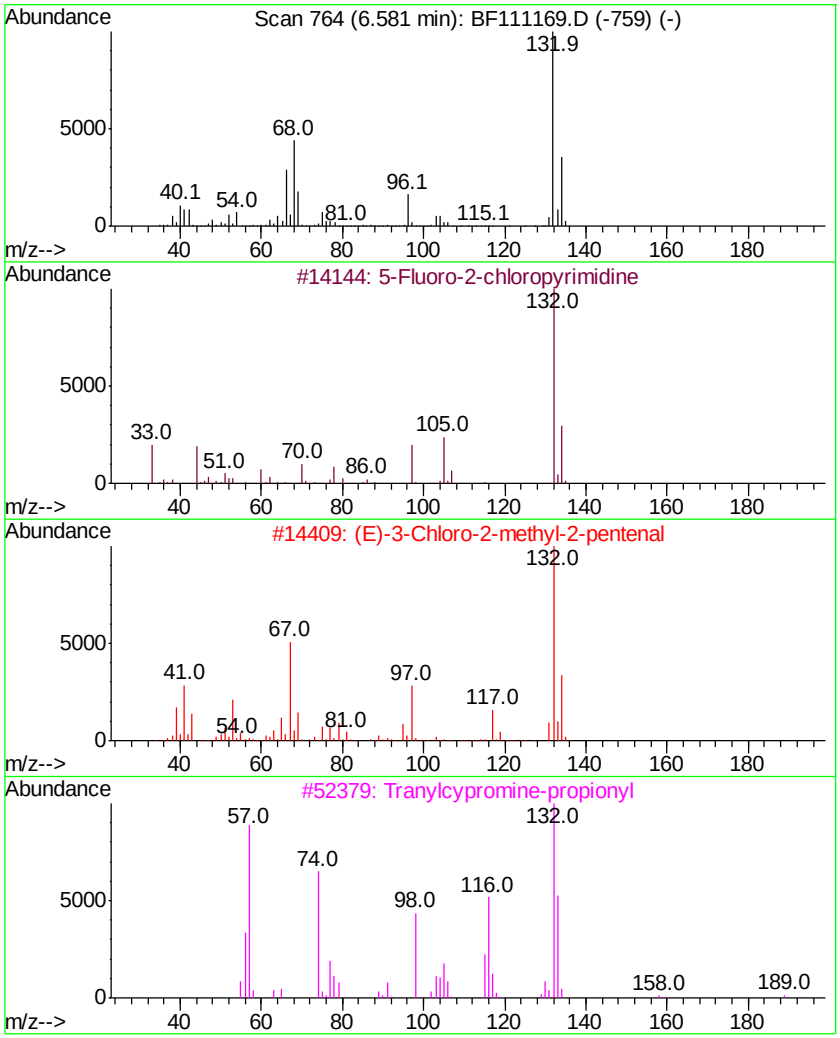
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

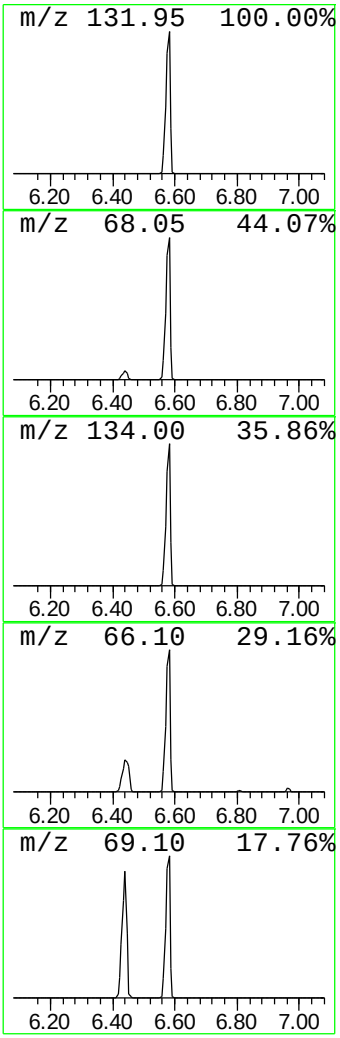
****

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	78.36 ng	10291700	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Xenon	132	Xe	007440-63-3	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

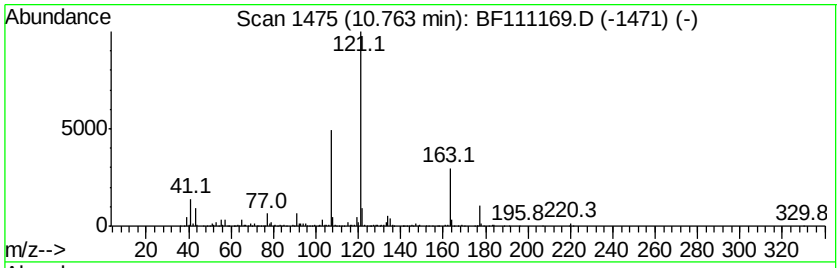
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

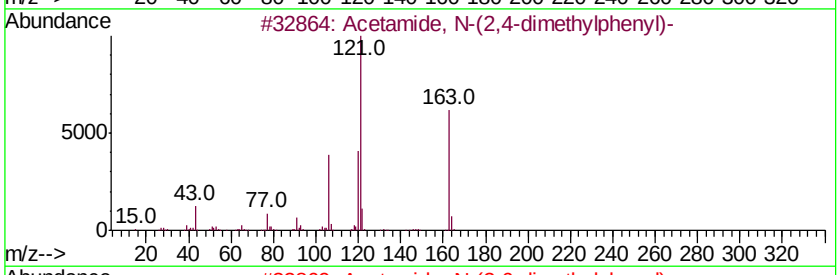
****

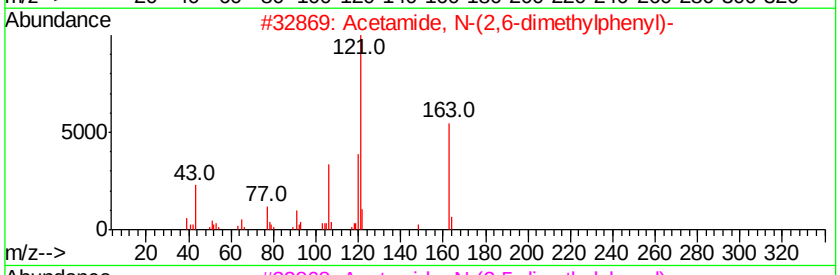
Peak Number 4 Acetamide, N-(2,4-dimethylp... Concentration Rank 10

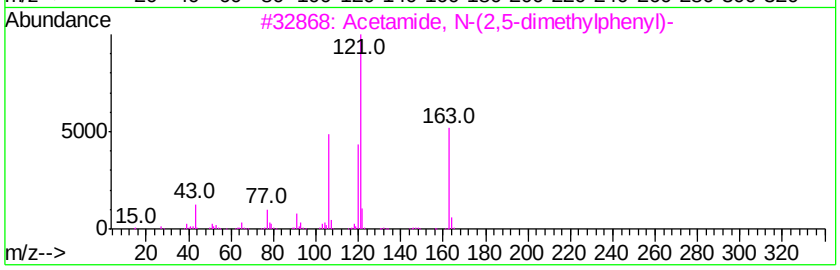
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	7.90 ng	1014190	Phenanthrene-d10	11.33

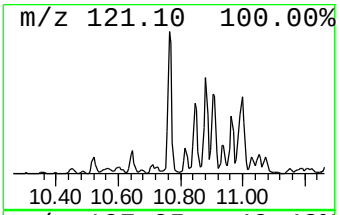
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	52
2	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	50
3	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	49
4	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	43
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	38

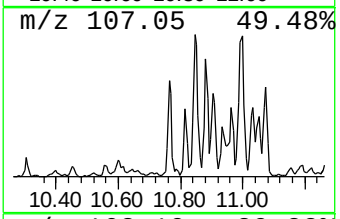


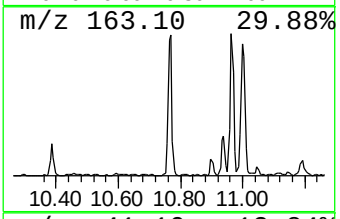


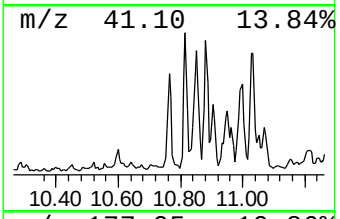


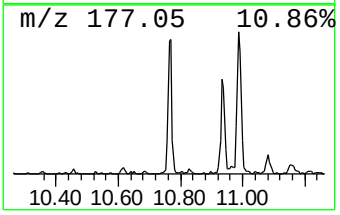












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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

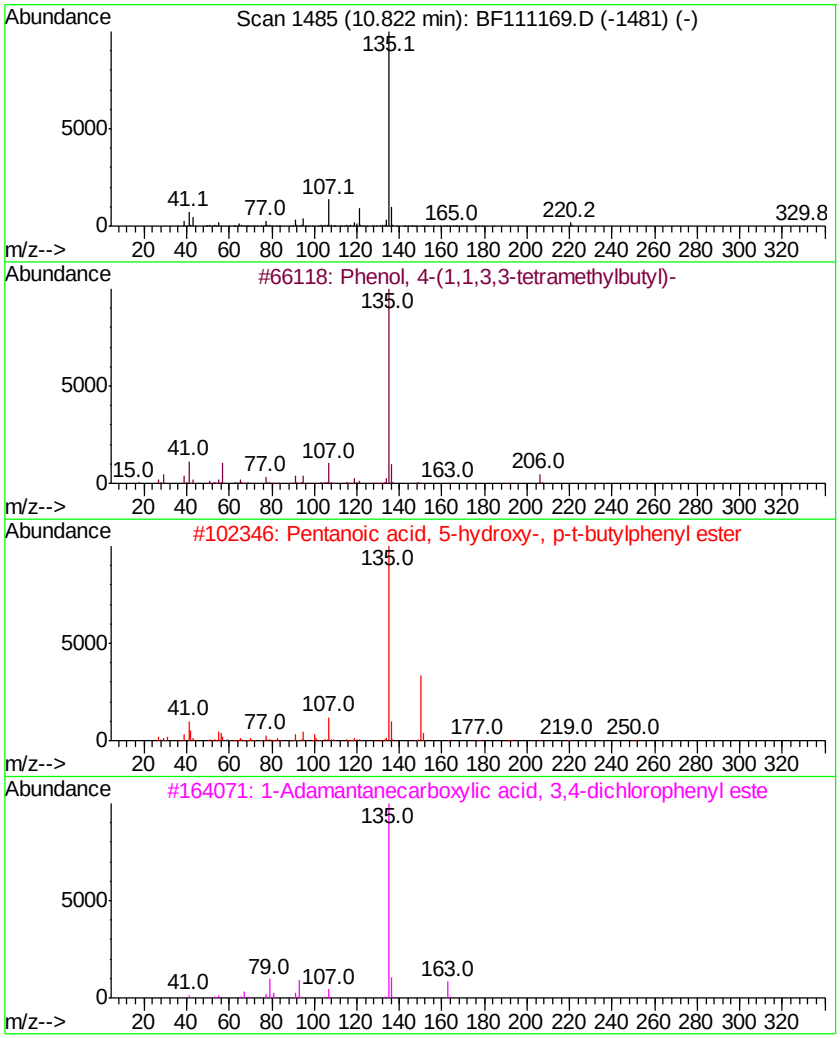
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

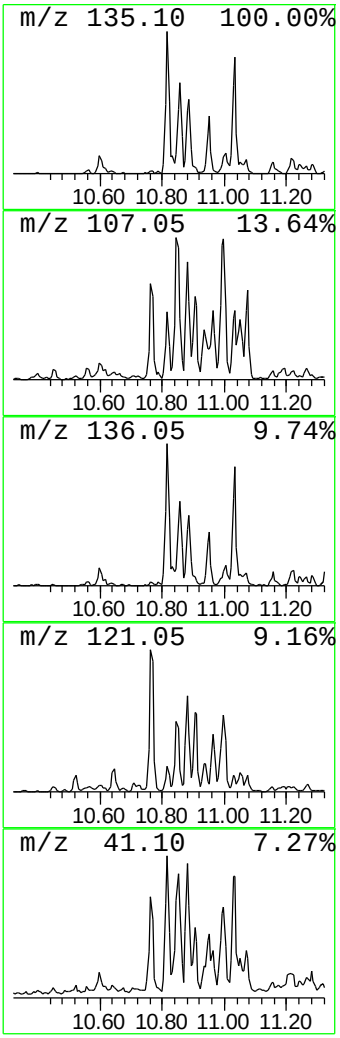
****

Peak Number 5 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	9.52 ng	1221850	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
3	1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	64
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
5	1-n-Hexyladamantane	220	C16H28	022458-75-9	59





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Acq On : 7 Dec 2018 6:22
Operator : JU/SJ
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

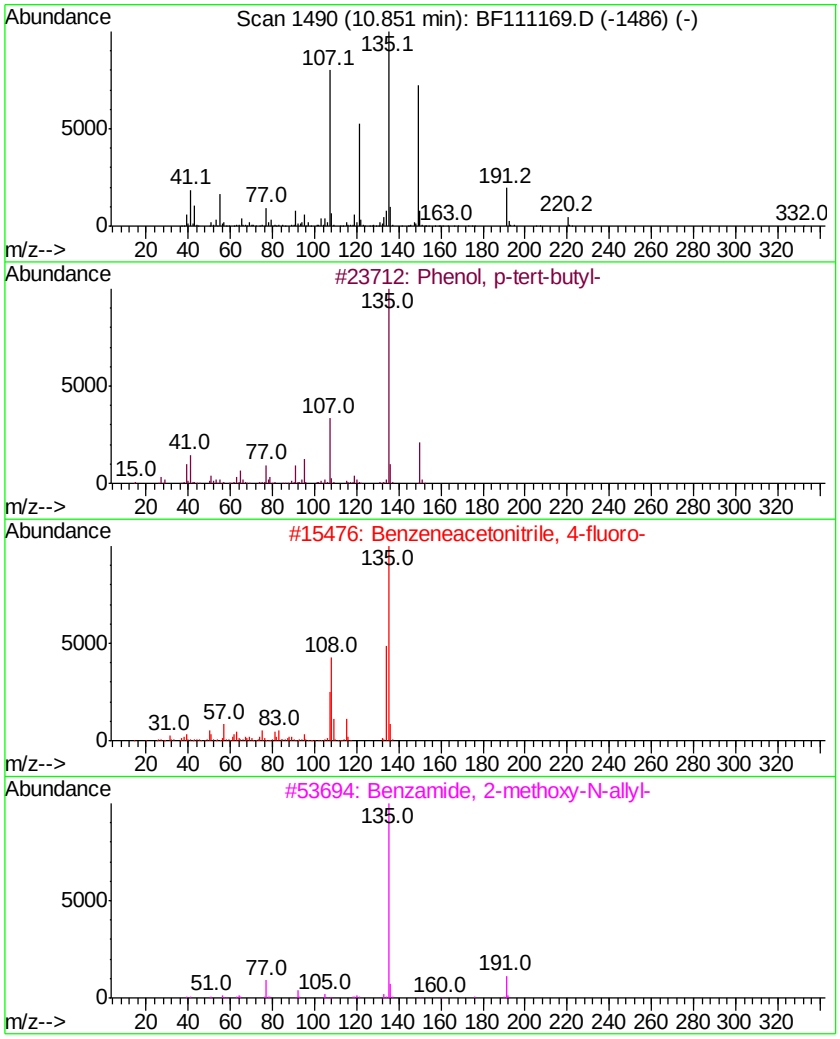
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

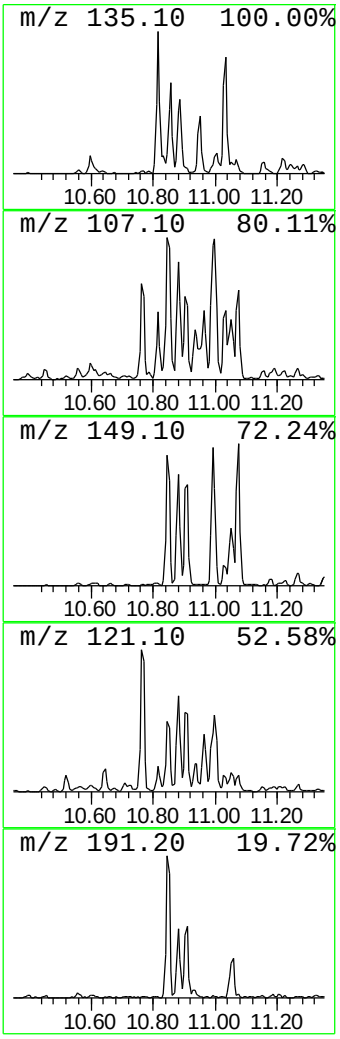
****

Peak Number 6 unknown10.85 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	14.68 ng	1884040	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	35
2	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	30
3	Benzamide, 2-methoxy-N-allyl-	191	C11H13NO2	1000339-10-5	27
4	Pentanamide, N-(3-methylphenyl)-	191	C12H17NO	1000306-89-1	27
5	1,3-Benzenediol, o-(4-methylbenz...	362	C22H18O5	1000330-77-7	22





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Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

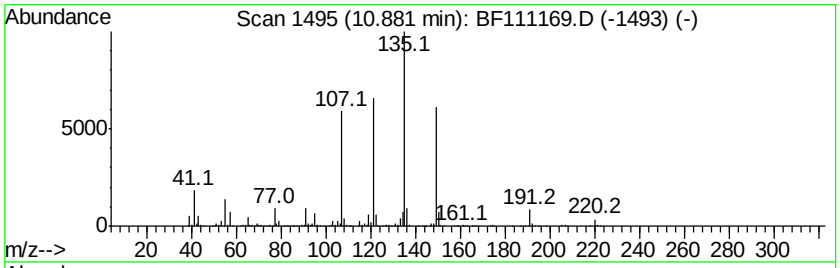
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

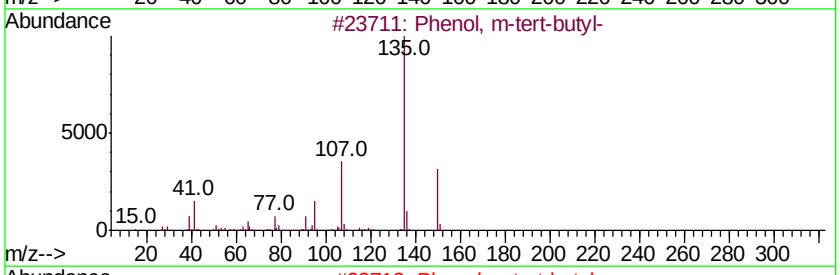
****

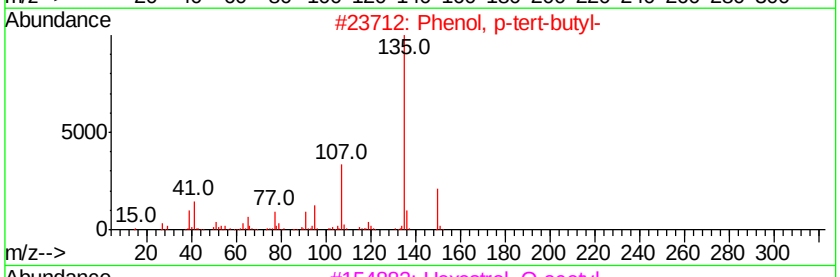
Peak Number 7 Phenol, m-tert-butyl- Concentration Rank 7

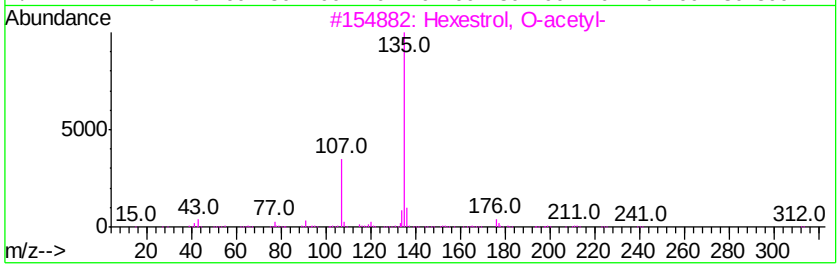
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	10.63 ng	1363900	Phenanthrene-d10	11.33

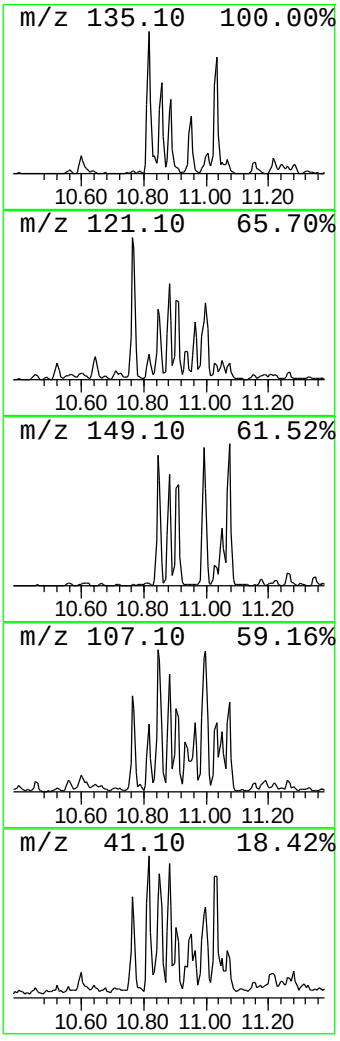
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	52
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	52
3	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	50
4	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	50
5	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	50











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Acq On : 7 Dec 2018 6:22
Operator : JU/SJ
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

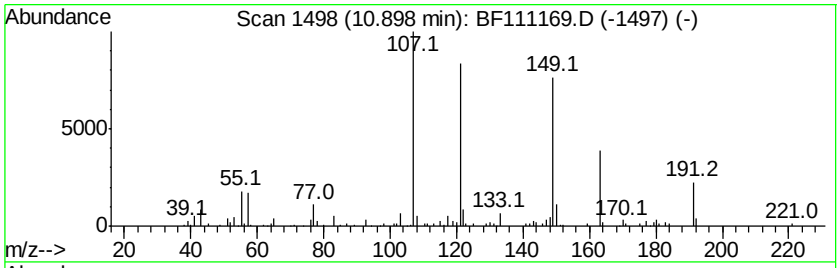
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

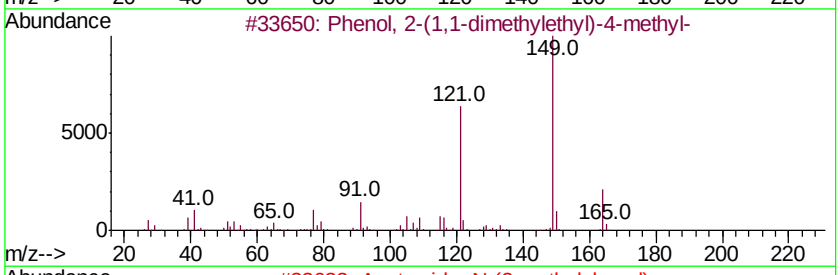
****

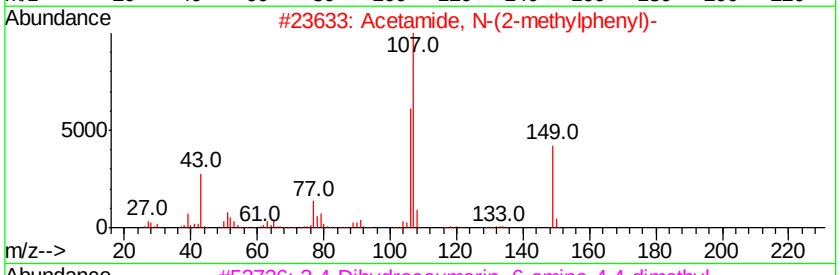
Peak Number 8 Phenol, 2-(1,1-dimethylethy... Concentration Rank 12

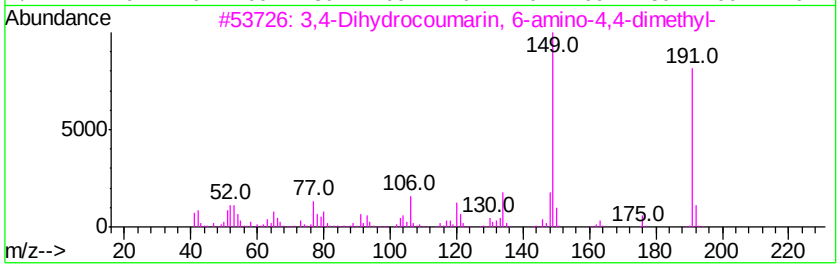
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	6.98 ng	895222	Phenanthrene-d10	11.33

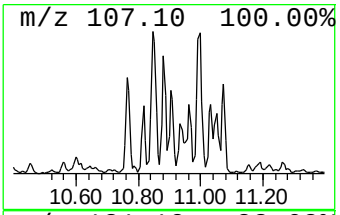
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
3	3,4-Dihydrocoumarin, 6-amino-4,4...	191	C11H13NO2	1000128-49-9	35
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
5	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	27

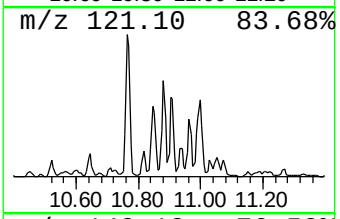


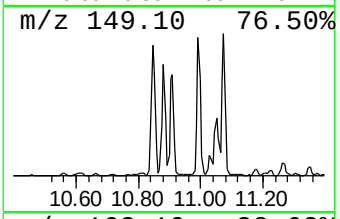


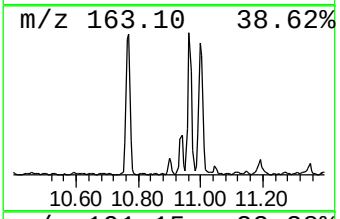


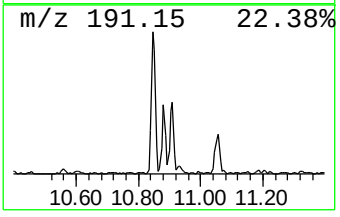












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Acq On : 7 Dec 2018 6:22
Operator : JU/SJ
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

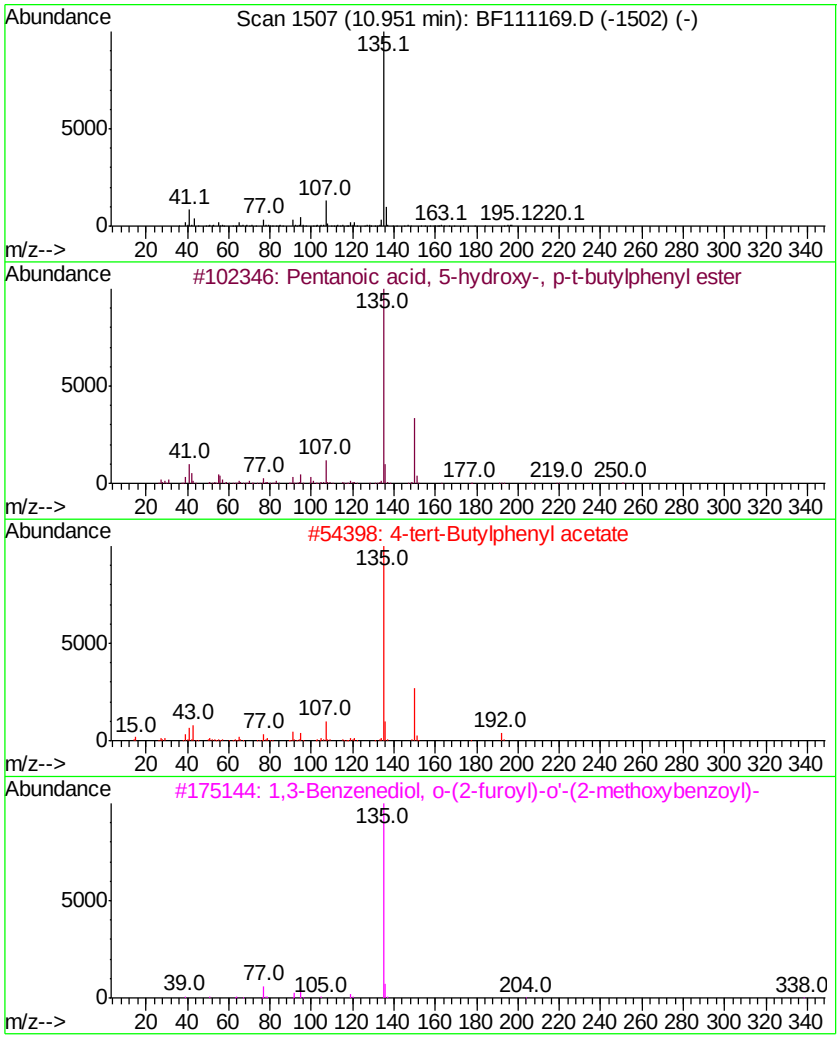
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

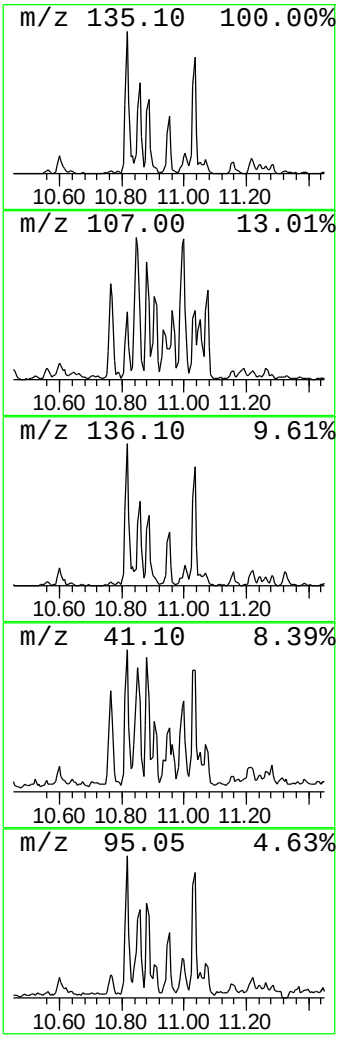
****

Peak Number 9 Pentanoic acid, 5-hydroxy-,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	7.22 ng	926667	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
3	1,3-Benzenediol, o-(2-furoyl)-o'...	338	C19H14O6	1000330-77-5	64
4	1-Adamantanecarboxylic acid, 4-c...	290	C17H19ClO2	1000307-66-0	53
5	m-Anisic acid, 4-nitrophenyl ester	273	C14H11NO5	1000307-80-4	50





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Operator : JU/SJ
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

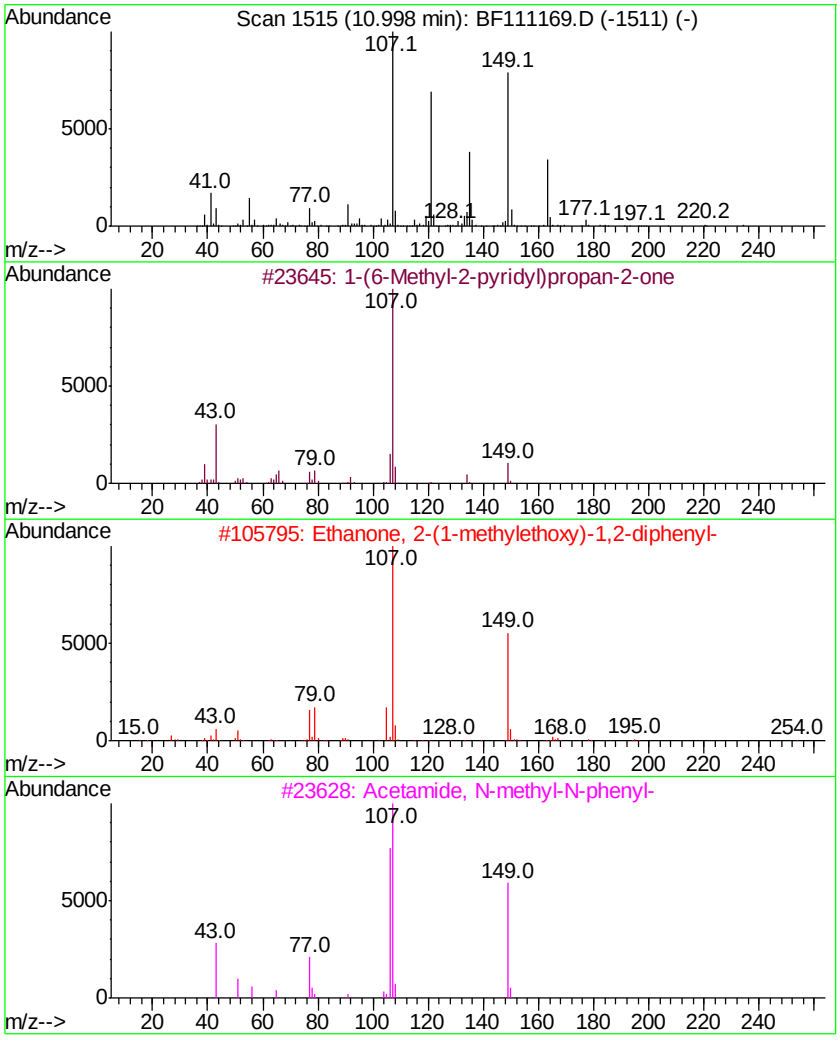
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

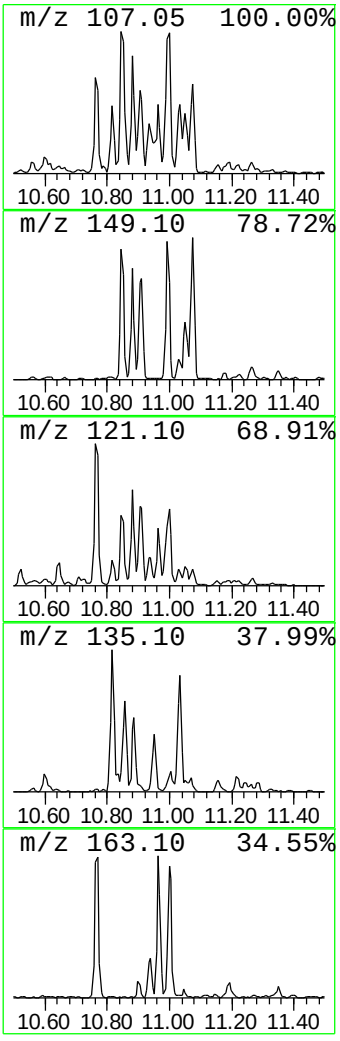
****

Peak Number 10 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	12.20 ng	1564920	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	53
2	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	53
3	Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	53
4	p-Propionotoluidide	163	C10H13NO	002759-55-9	38
5	Benzeneethanol, .beta.-(1-methyl...	270	C18H22O2	053288-15-6	35





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Sample : J6168-03
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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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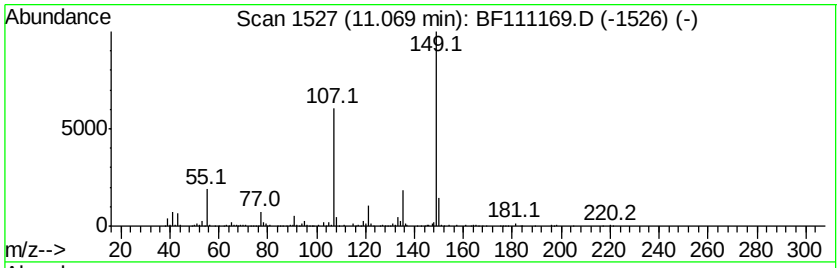
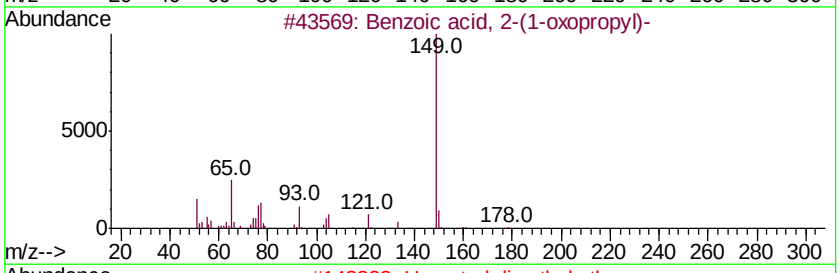
****

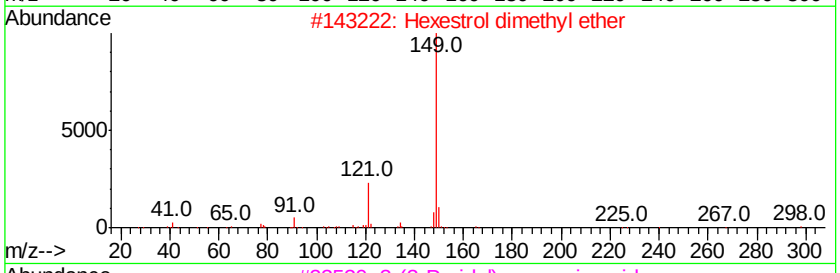
Peak Number 12 Benzoic acid, 2-(1-oxopropyl)- Concentration Rank 15

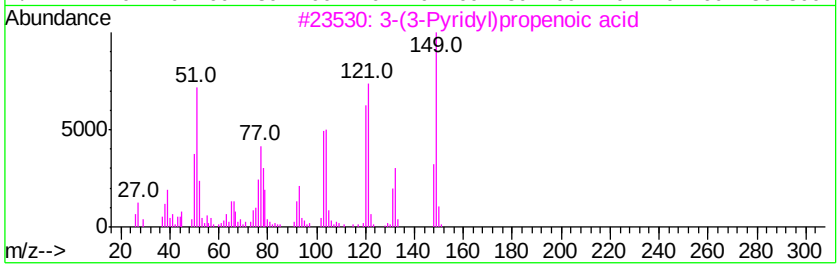
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	5.32 ng	683105	Phenanthrene-d10	11.33

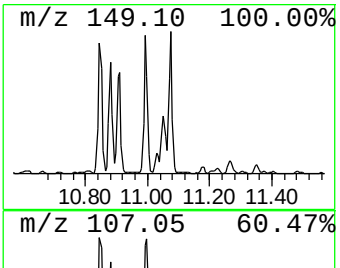
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	50
2	Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	50
3	3-(3-Pyridyl)propenoic acid	149	C8H7NO2	001126-74-5	46
4	3-Ethoxy-4-hydroxyphenylacetonit...	177	C10H11NO2	205748-01-2	43
5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	40

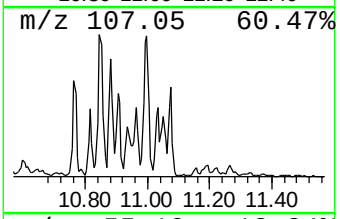


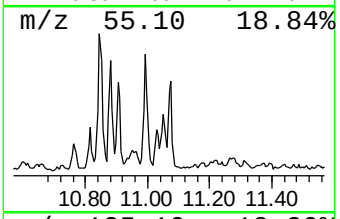


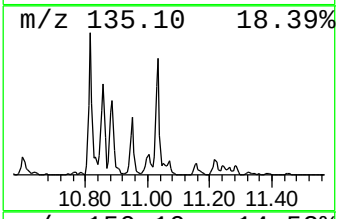


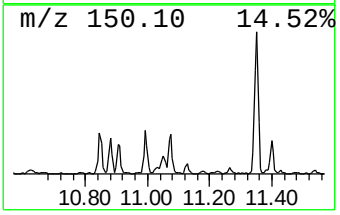












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Operator : JU/SJ
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

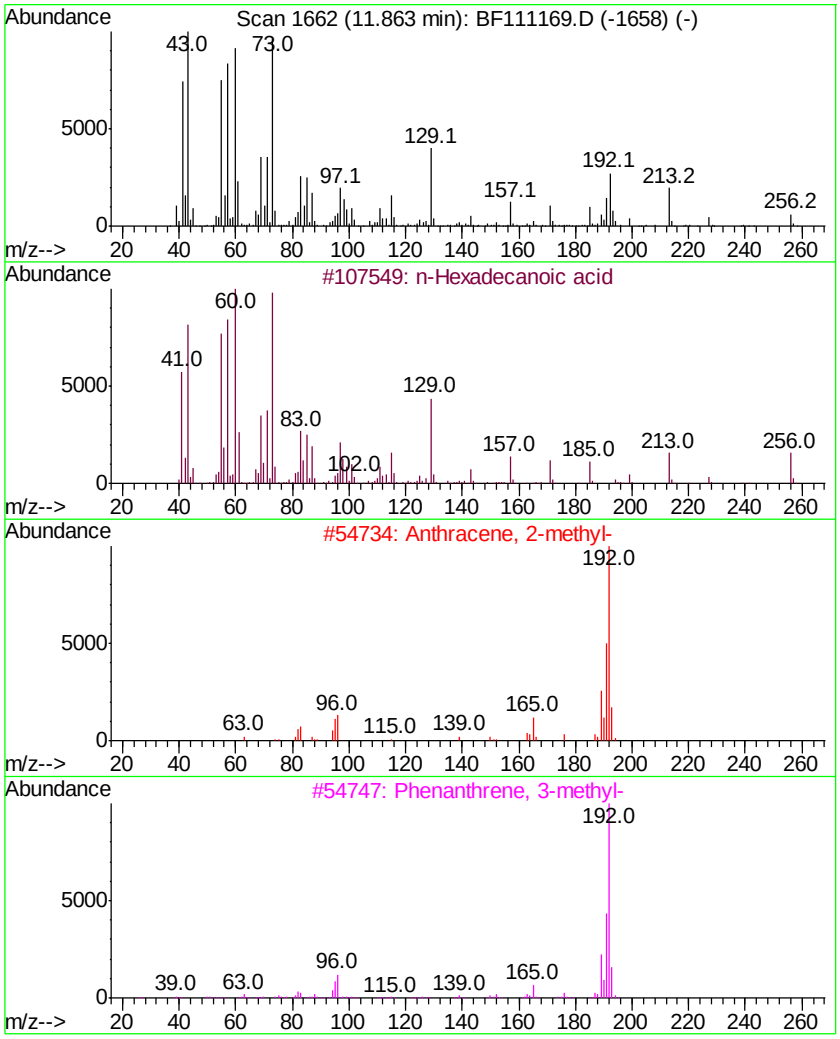
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

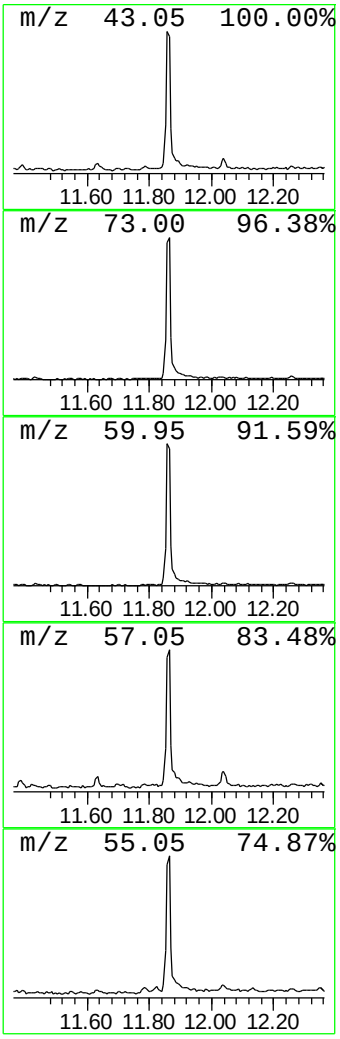
****

Peak Number 13 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	15.12 ng	1939420	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





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ClientSampleId : S1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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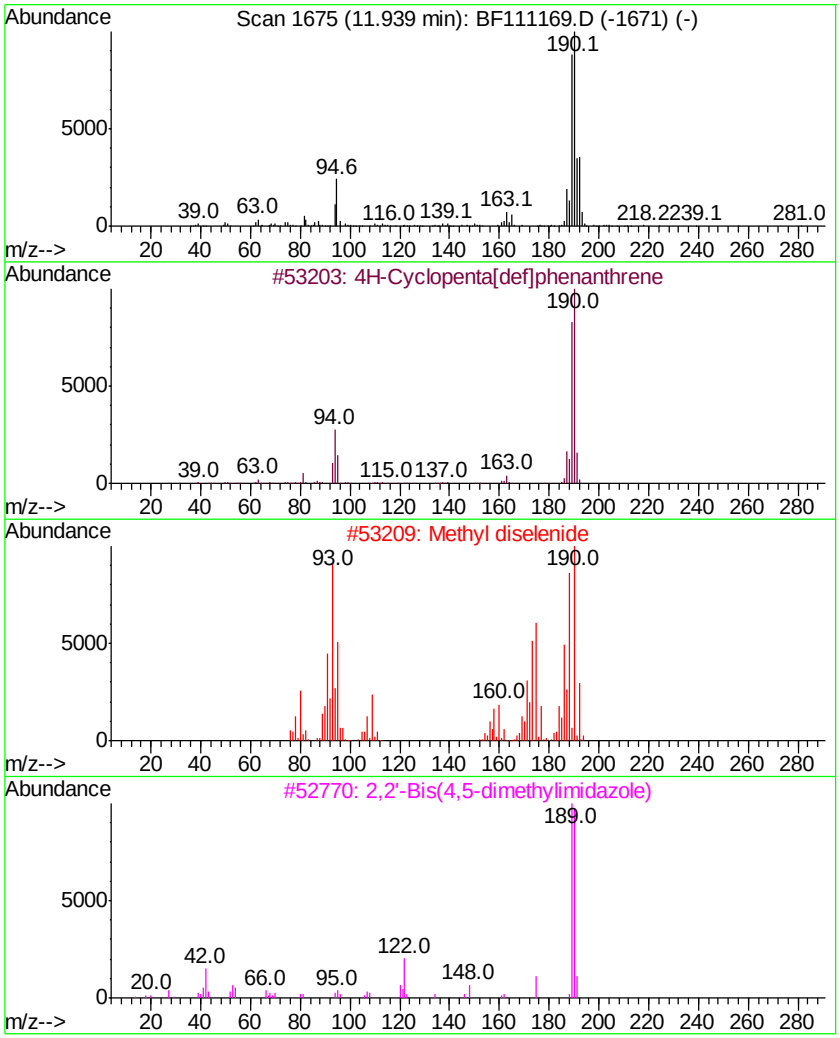
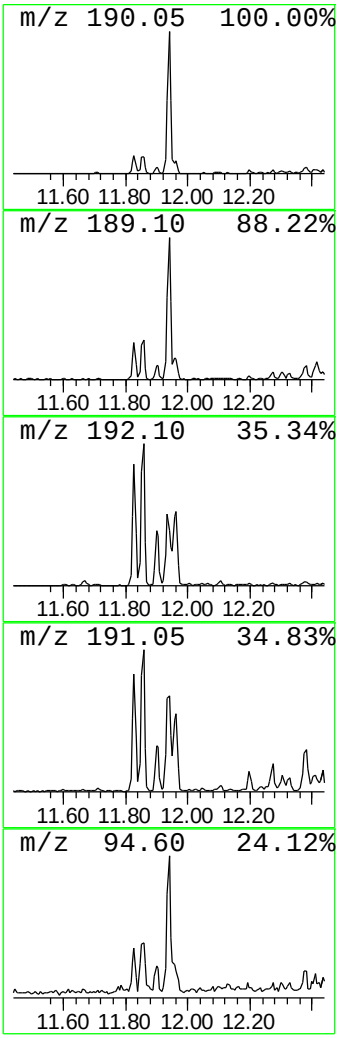
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	5.32 ng	682981	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Methyl diselenide	190	C2H6Se2	007101-31-7	49
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	22





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Data File : BF111169.D
Acq On : 7 Dec 2018 6:22
Operator : JU/SJ
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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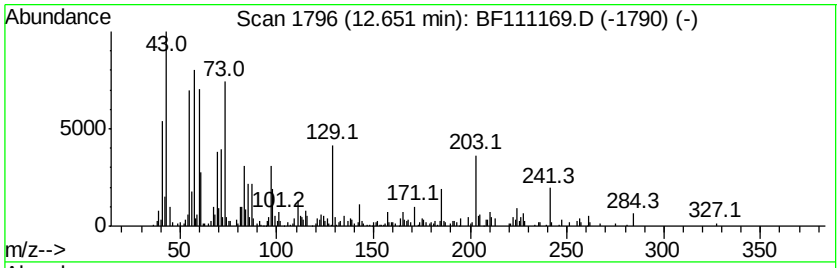
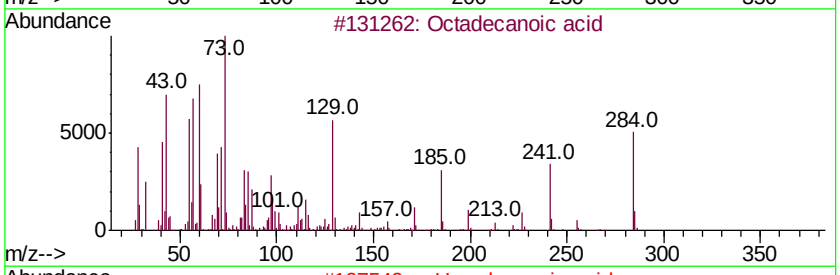
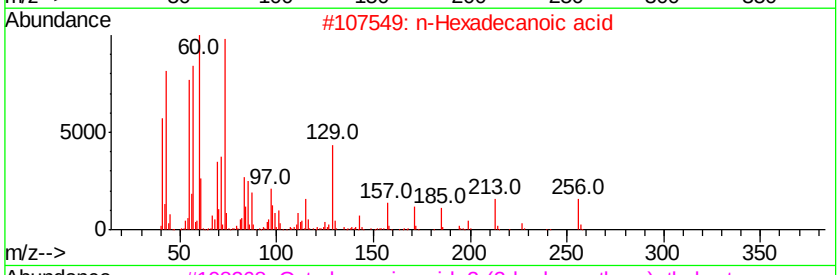
Peak Number 15 Octadecanoic acid Concentration Rank 14

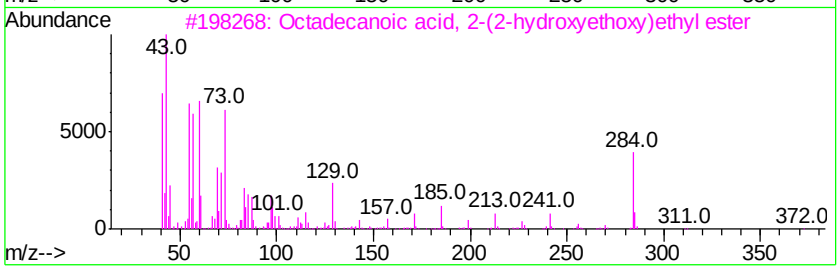
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	5.38 ng	690135	Phenanthrene-d10	11.33

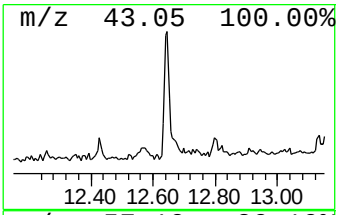
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72

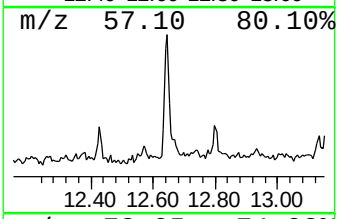


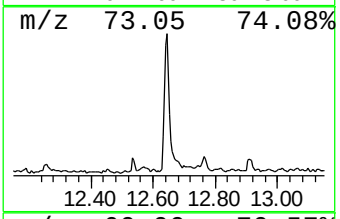


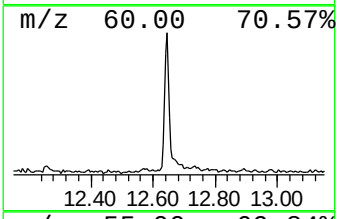


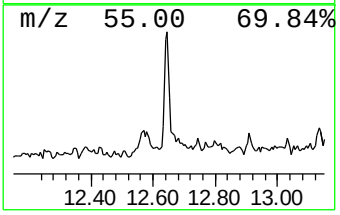












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Data File : BF111169.D
Acq On : 7 Dec 2018 6:22
Operator : JU/SJ
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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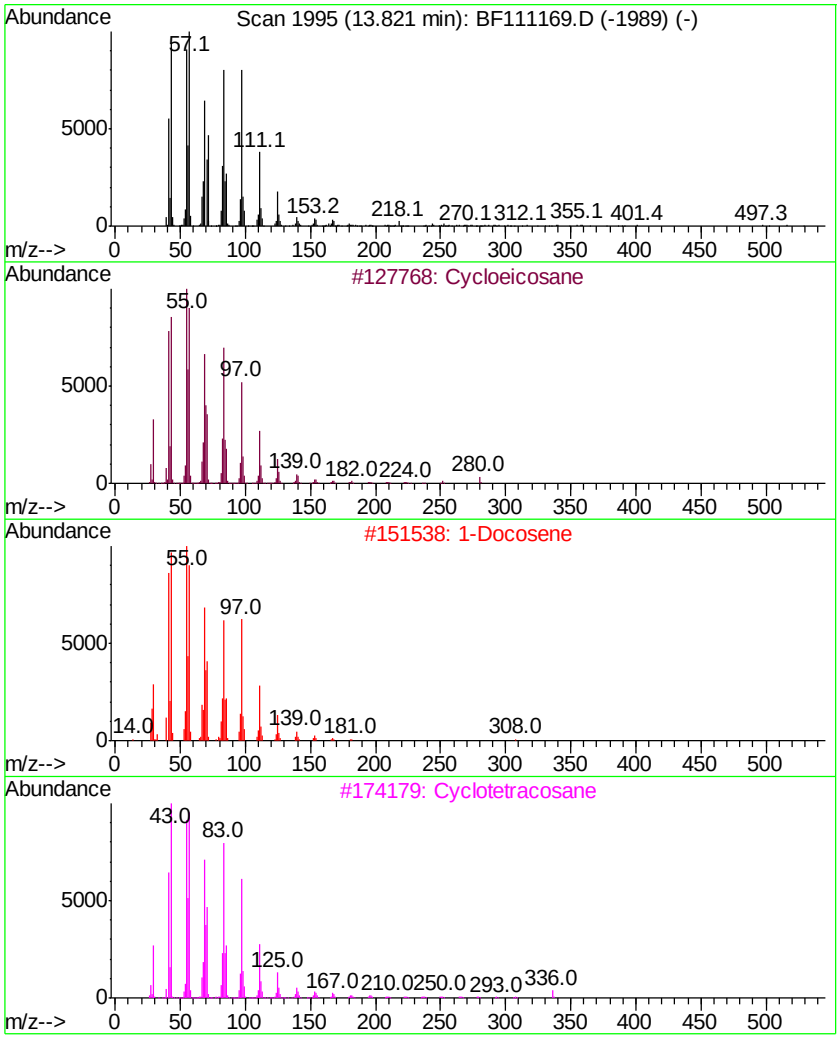
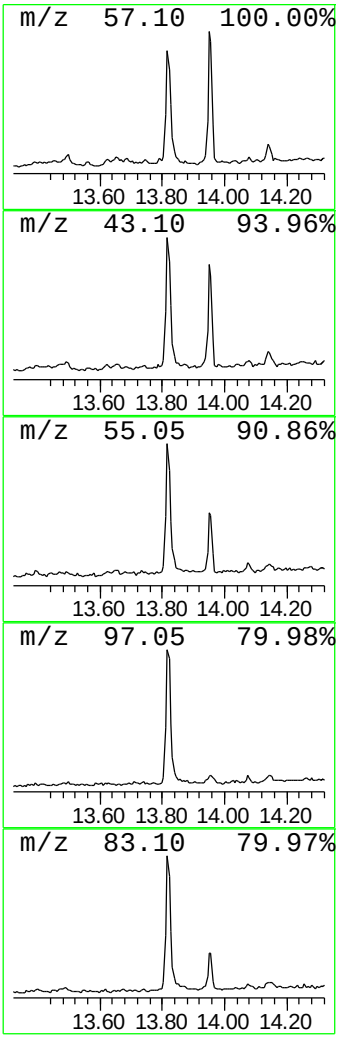
Peak Number 16 Cycloeicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.81 ng	1574560	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	1-Docosene	308	C22H44	001599-67-3	94
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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Instrument : BNA_F
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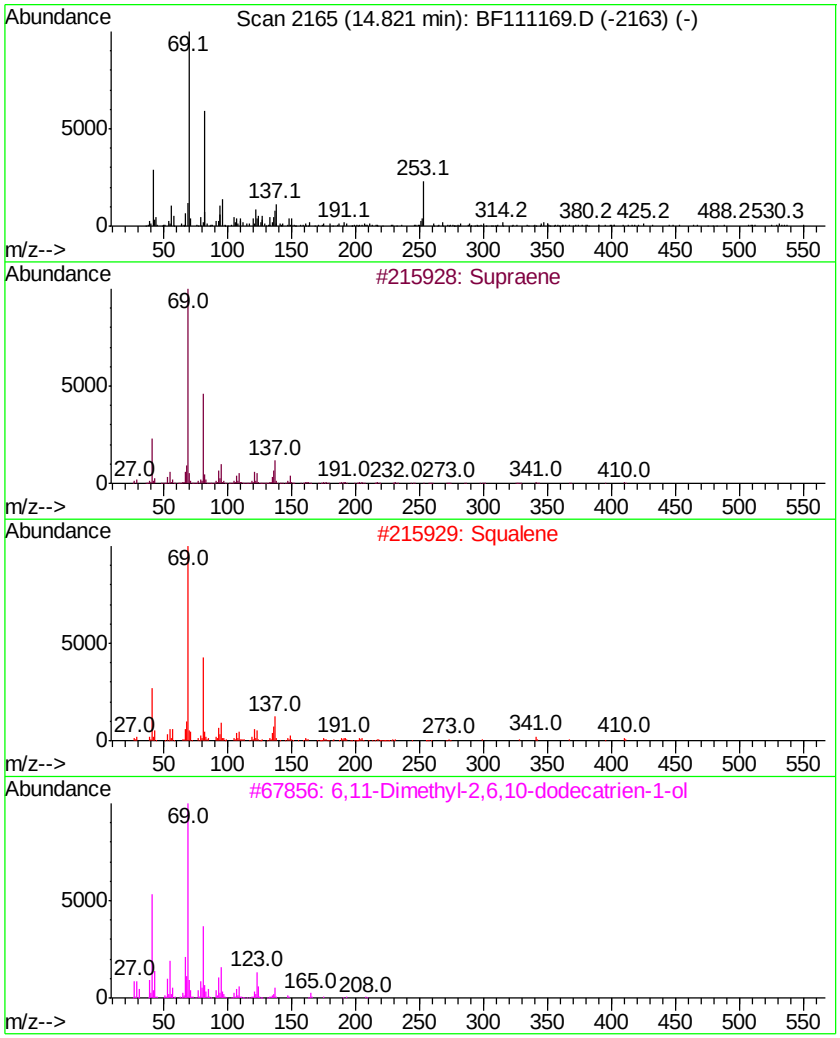
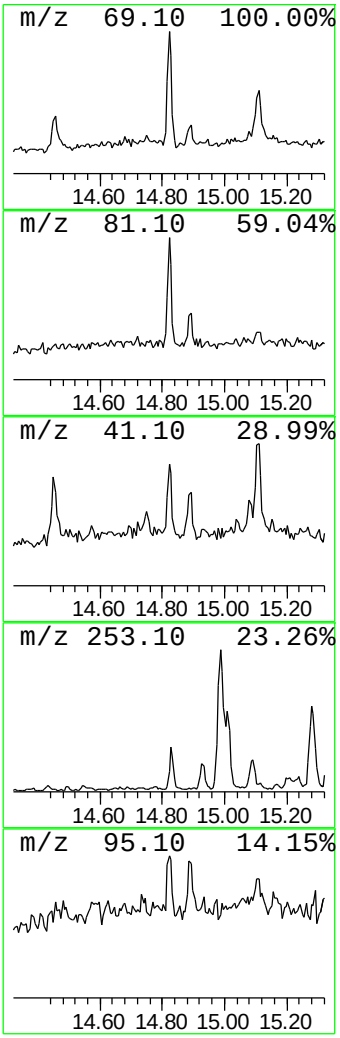
Peak Number 17 Supraene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	4.02 ng	266891	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	52
2	Squalene	410	C30H50	000111-02-4	52
3	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	50
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	50
5	Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	50





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Acq On : 7 Dec 2018 6:22
Operator : JU/SJ
Sample : J6168-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

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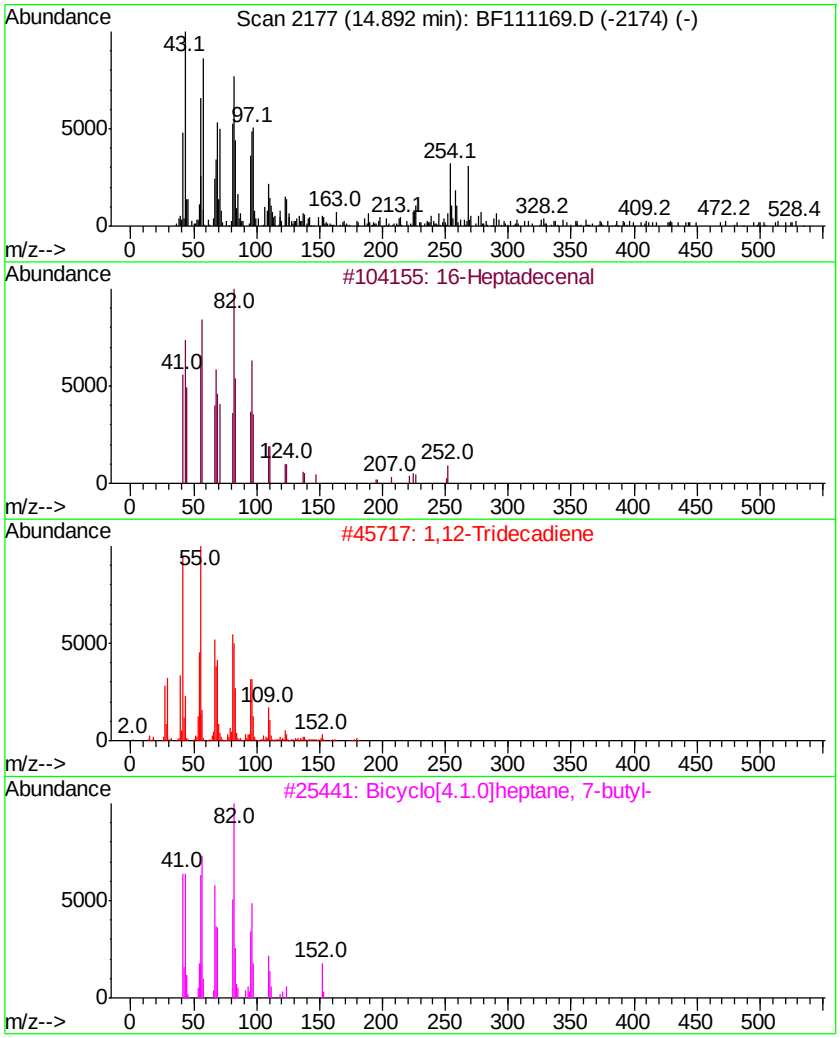
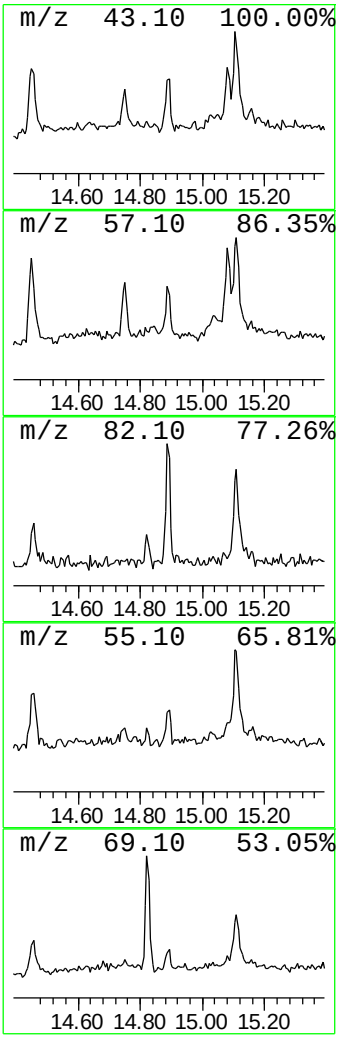
Peak Number 18 16-Heptadecenal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	3.88 ng	257504	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	64
2	1,12-Tridecadiene	180	C13H24	021964-48-7	60
3	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	60
4	1,19-Eicosadiene	278	C20H38	014811-95-1	60
5	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	58





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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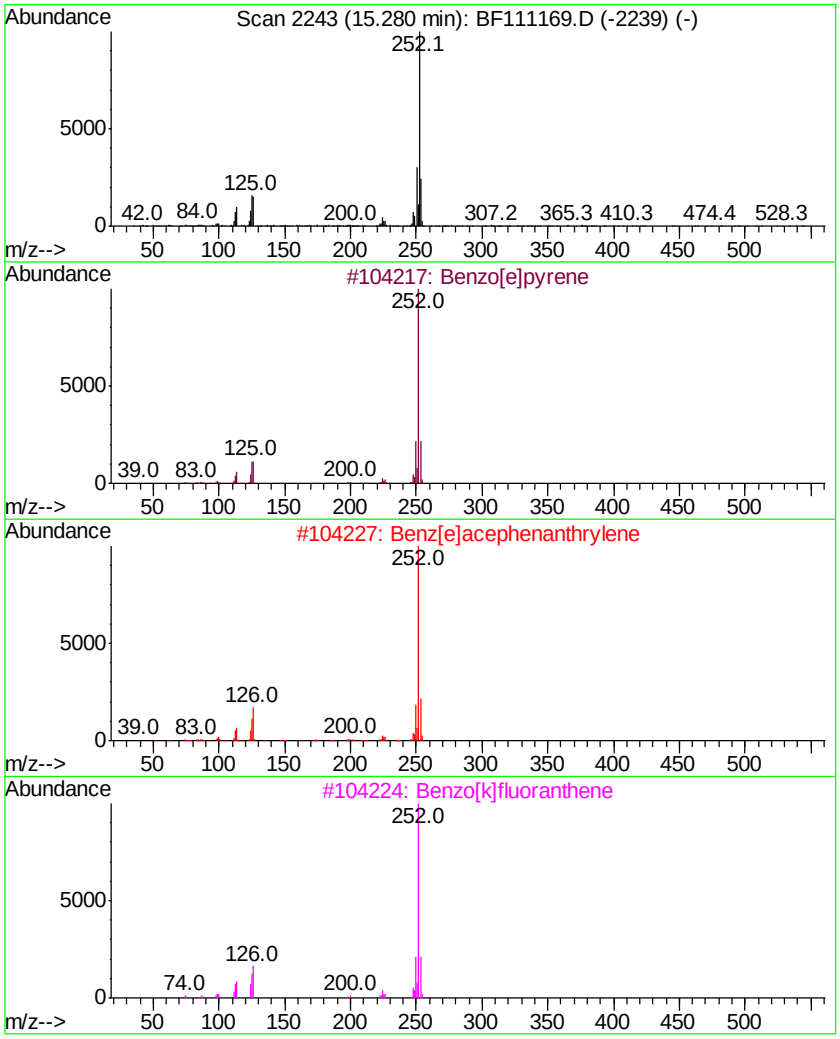
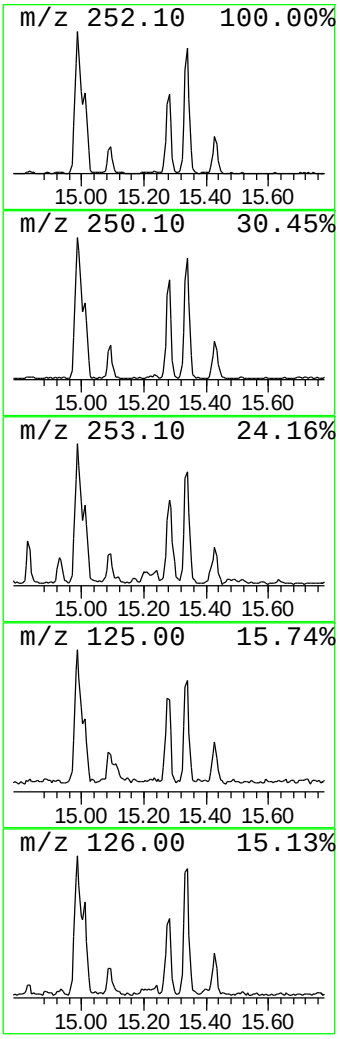
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	11.43 ng	759225	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_F
ClientSampleId : S1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	5.1	ng	673307	1	6.81	2626660	20.0
unknown6.58	6.58	78.4	ng	10291700	1	6.81	2626660	20.0
Acetamide, N-(2,4...	10.76	7.9	ng	1014190	4	11.33	2565970	20.0
Phenol, 4-(1,1,3,...	10.82	9.5	ng	1221850	4	11.33	2565970	20.0
unknown10.85	10.85	14.7	ng	1884040	4	11.33	2565970	20.0
Phenol, m-tert-bu...	10.88	10.6	ng	1363900	4	11.33	2565970	20.0
Phenol, 2-(1,1-di...	10.90	7.0	ng	895222	4	11.33	2565970	20.0
Pentanoic acid, 5...	10.95	7.2	ng	926667	4	11.33	2565970	20.0
1-(6-Methyl-2-pyr...	11.00	12.2	ng	1564920	4	11.33	2565970	20.0
Benzoic acid, 2-(...	11.07	5.3	ng	683105	4	11.33	2565970	20.0
n-Hexadecanoic acid	11.86	15.1	ng	1939420	4	11.33	2565970	20.0
4H-Cyclopenta[def...	11.94	5.3	ng	682981	4	11.33	2565970	20.0
Octadecanoic acid	12.65	5.4	ng	690135	4	11.33	2565970	20.0
Cycloeicosane	13.82	5.8	ng	1574560	5	13.96	5423470	20.0
Supraene	14.82	4.0	ng	266891	6	15.40	1328420	20.0
16-Heptadecenal	14.89	3.9	ng	257504	6	15.40	1328420	20.0
Benzo[e]pyrene	15.28	11.4	ng	759225	6	15.40	1328420	20.0