LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109543.D
Acq On : 3 Oct 2018 13:55
Operator : JU/SJ
Sample : J5198-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-C

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-BF092218.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	2.275	21	32	53	rBV	223470	410869	17.96%	0.862%
2	3.681	261	271	283	rBV	190562	337979	14.77%	0.709%
3	4.898	474	478	487	rBV	92637	126586	5.53%	0.266%
4	5.169	520	524	531	rBV	195844	219747	9.60%	0.461%
5	5.275	539	542	546	rBV	381195	523729	22.89%	1.099%
6	5.316	546	549	573	rVB	1562207	2037423	89.05%	4.275%
7	5.539	583	587	597	rVB	274169	284064	12.42%	0.596%
8	6.228	701	704	707	rBV	128369	108883	4.76%	0.228%
9	6.304	714	717	720	rBV	180234	145147	6.34%	0.305%
10	6.345	720	724	740	rBV	1808991	2241655	97.98%	4.704%
11	6.475	742	746	753	rBV	2163747	2171001	94.89%	4.556%
12	6.528	753	755	763	rVB	293763	332831	14.55%	0.698%
13	6.704	781	785	792	rBV	566553	637897	27.88%	1.339%
14	6.763	792	795	800	rVB2	83538	92832	4.06%	0.195%
15	6.857	807	811	814	rBV	1769819	1617861	70.71%	3.395%
16	6.881	814	815	826	rVV	196148	179560	7.85%	0.377%
17	6.963	826	829	837	rVB3	62336	99365	4.34%	0.209%
18	7.098	849	852	862	rBV3	30756	79672	3.48%	0.167%
19	7.263	872	880	886	rBV	1344750	1428878	62.45%	2.998%
20	7.310	886	888	893	rVV2	76136	95417	4.17%	0.200%
21	7.728	954	959	966	rBV5	38027	81839	3.58%	0.172%
22	7.980	998	1002	1004	rBV	875182	816283	35.68%	1.713%
23	8.004	1004	1006	1013	rVV	504136	508692	22.23%	1.067%
24	8.586	1100	1105	1109	rVB3	43958	69601	3.04%	0.146%
25	8.692	1118	1123	1131	rVB2	93464	103331	4.52%	0.217%
26	8.792	1137	1140	1148	rVB	91471	100619	4.40%	0.211%
27	9.057	1180	1185	1196	rBV	2555952	2287871	100.00%	4.801%
28	9.157	1197	1202	1204	rBV2	61396	80387	3.51%	0.169%
29	9.451	1248	1252	1259	rVV	774081	741971	32.43%	1.557%
30	9.592	1272	1276	1282	rBV	227916	255389	11.16%	0.536%
31	9.727	1294	1299	1303	rBV	939564	933644	40.81%	1.959%
32	9.763	1303	1305	1315	rVB	147438	175549	7.67%	0.368%
33	9.933	1331	1334	1338	rVB	75038	66285	2.90%	0.139%
34	10.274	1389	1392	1398	rVB2	86607	103186	4.51%	0.217%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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Acq On : 3 Oct 2018 13:55
Operator : JU/SJ
Sample : J5198-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-C

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.392	1408	1412	1416	rVV4	42872	67765	2.96%	0.142%
36	10.433	1416	1419	1425	rVV3	40641	64178	2.81%	0.135%
37	10.516	1429	1433	1445	rVB	1458886	1446331	63.22%	3.035%
38	10.639	1451	1454	1462	rVB3	110338	158147	6.91%	0.332%
39	11.016	1516	1518	1522	rVB2	75335	73029	3.19%	0.153%
40	11.210	1547	1551	1553	rBV	798290	861078	37.64%	1.807%
41	11.233	1553	1555	1560	rVV	794481	712923	31.16%	1.496%
42	11.280	1560	1563	1567	rVV	215989	215846	9.43%	0.453%
43	11.510	1598	1602	1605	rVV2	69544	84777	3.71%	0.178%
44	11.710	1633	1636	1638	rBV	136265	134360	5.87%	0.282%
45	11.739	1638	1641	1645	rVB2	218010	267559	11.69%	0.561%
46	11.780	1646	1648	1651	rVB2	81350	72423	3.17%	0.152%
47	11.816	1651	1654	1657	rBV	284792	321860	14.07%	0.675%
48	12.004	1683	1686	1688	rBV	99461	85692	3.75%	0.180%
49	12.063	1694	1696	1703	rVB4	43163	64063	2.80%	0.134%
50	12.151	1708	1711	1714	rVB	90800	77469	3.39%	0.163%
51	12.257	1726	1729	1732	rBV	134023	129107	5.64%	0.271%
52	12.304	1732	1737	1741	rVB4	91802	170980	7.47%	0.359%
53	12.339	1741	1743	1748	rVB2	89608	116919	5.11%	0.245%
54	12.415	1752	1756	1761	rBV	1525726	1384483	60.51%	2.905%
55	12.463	1761	1764	1766	rBV2	103268	89409	3.91%	0.188%
56	12.510	1770	1772	1777	rBV	66989	87973	3.85%	0.185%
57	12.645	1789	1795	1798	rBV	1535352	1641671	71.76%	3.445%
58	12.762	1812	1815	1816	rBV2	90847	84475	3.69%	0.177%
59	12.786	1816	1819	1826	rVB	1636141	1597171	69.81%	3.352%
60	12.862	1828	1832	1836	rBV2	121527	171715	7.51%	0.360%
61	12.927	1840	1843	1844	rBV	150820	144255	6.31%	0.303%
62	12.945	1844	1846	1848	rVV2	88067	105156	4.60%	0.221%
63	12.968	1848	1850	1854	rVB	237736	241087	10.54%	0.506%
64	13.033	1858	1861	1864	rBV2	205623	185518	8.11%	0.389%
65	13.074	1864	1868	1871	rBV	226182	231998	10.14%	0.487%
66	13.162	1880	1883	1886	rBV	147834	122453	5.35%	0.257%
67	13.192	1886	1888	1892	rBV	125030	126352	5.52%	0.265%
68	13.374	1916	1919	1925	rVB2	204479	223930	9.79%	0.470%
69	13.462	1931	1934	1942	rVB3	120053	237977	10.40%	0.499%
70	13.568	1949	1952	1954	rBV3	201062	227929	9.96%	0.478%
71	13.610	1954	1959	1962	rVV4	745820	1073086	46.90%	2.252%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5198-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-C

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.633	1962	1963	1966	rVV	142527	151391	6.62%	0.318%
73	13.692	1970	1973	1979	rVB2	188549	270271	11.81%	0.567%
74	13.751	1979	1983	1987	rBV	1337297	1288279	56.31%	2.703%
75	13.833	1992	1997	2000	rVV2	1213771	1963544	85.82%	4.120%
76	13.862	2000	2002	2010	rVB	900671	913934	39.95%	1.918%
77	13.939	2013	2015	2018	rBV	158447	130725	5.71%	0.274%
78	14.186	2054	2057	2059	rBV2	71752	81897	3.58%	0.172%
79	14.221	2059	2063	2066	rVV	261181	299825	13.10%	0.629%
80	14.257	2066	2069	2072	rVV	118050	127210	5.56%	0.267%
81	14.315	2076	2079	2082	rVV2	193742	224563	9.82%	0.471%
82	14.345	2082	2084	2086	rVV	169937	162526	7.10%	0.341%
83	14.362	2086	2087	2091	rVB2	153344	124625	5.45%	0.262%
84	14.609	2125	2129	2137	rVB4	148500	235038	10.27%	0.493%
85	14.851	2165	2170	2172	rBV	1137502	1658784	72.50%	3.481%
86	14.921	2179	2182	2184	rBV2	178210	212012	9.27%	0.445%
87	14.945	2184	2186	2190	rVB	289334	259311	11.33%	0.544%
88	15.127	2212	2217	2223	rVB	806737	1051334	45.95%	2.206%
89	15.186	2223	2227	2232	rVB	1109087	1341748	58.65%	2.816%
90	15.245	2232	2237	2239	rBV	508453	649708	28.40%	1.363%
91	15.274	2239	2242	2250	rVB2	518547	685877	29.98%	1.439%
92	15.674	2307	2310	2315	rVB2	173662	239559	10.47%	0.503%
93	15.756	2322	2324	2334	rVB4	106926	169446	7.41%	0.356%
94	16.133	2384	2388	2392	rBV	106331	141146	6.17%	0.296%
95	16.598	2460	2467	2473	rVB	525162	1016241	44.42%	2.133%
96	16.750	2488	2493	2497	rBV2	101245	188511	8.24%	0.396%
97	16.803	2498	2502	2508	rVV2	86662	159492	6.97%	0.335%
98	17.003	2529	2536	2547	rVB	422527	889063	38.86%	1.866%
99	17.215	2566	2572	2580	rBV	101374	206388	9.02%	0.433%
100	18.062	2710	2716	2733	rVB	53789	214470	9.37%	0.450%

Sum of corrected areas: 47654105

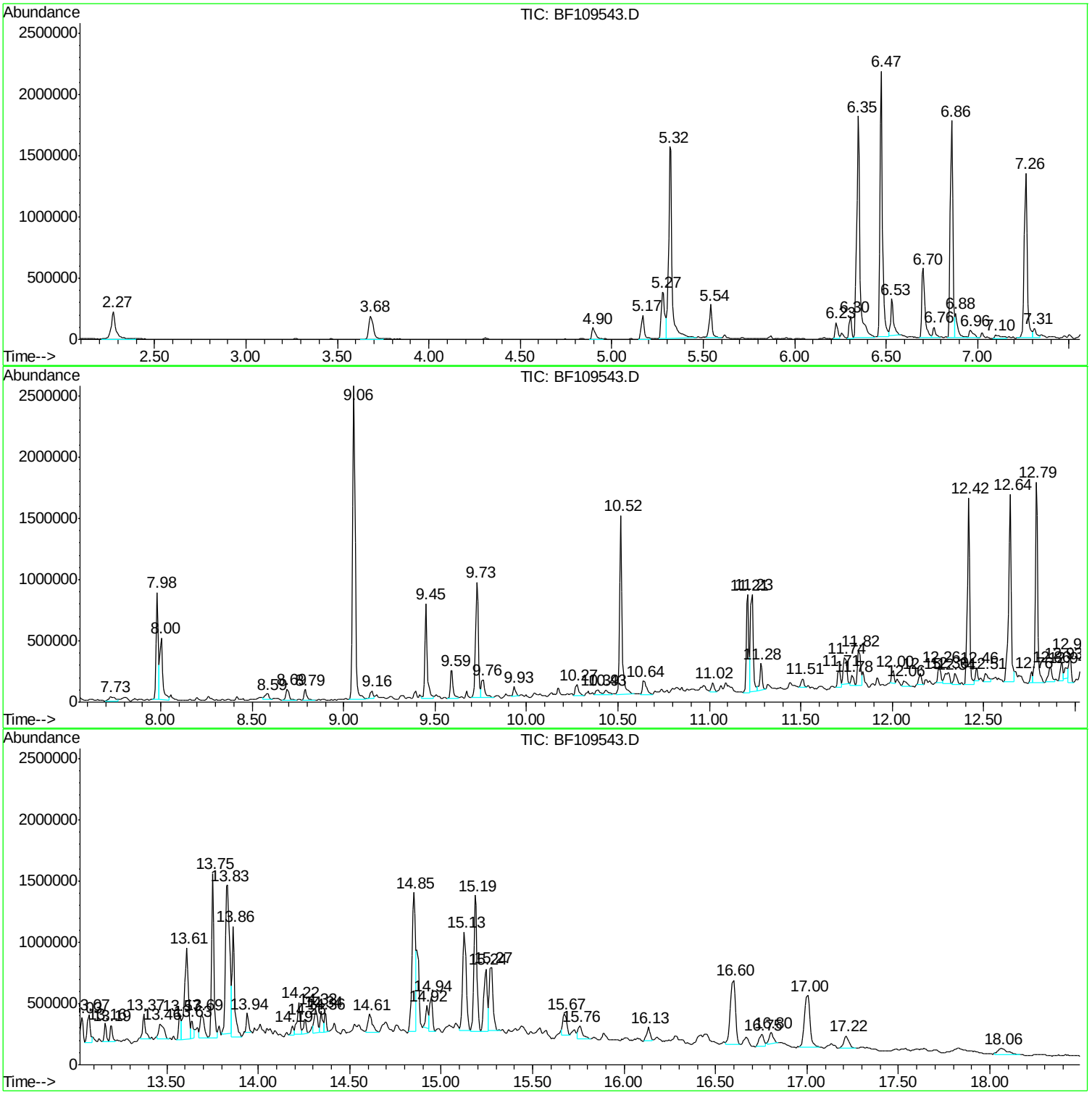
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109543.D
Acq On : 3 Oct 2018 13:55
Operator : JU/SJ
Sample : J5198-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF100318\
Data File : BF109543.D
Acq On : 3 Oct 2018 13:55
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Sample : J5198-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

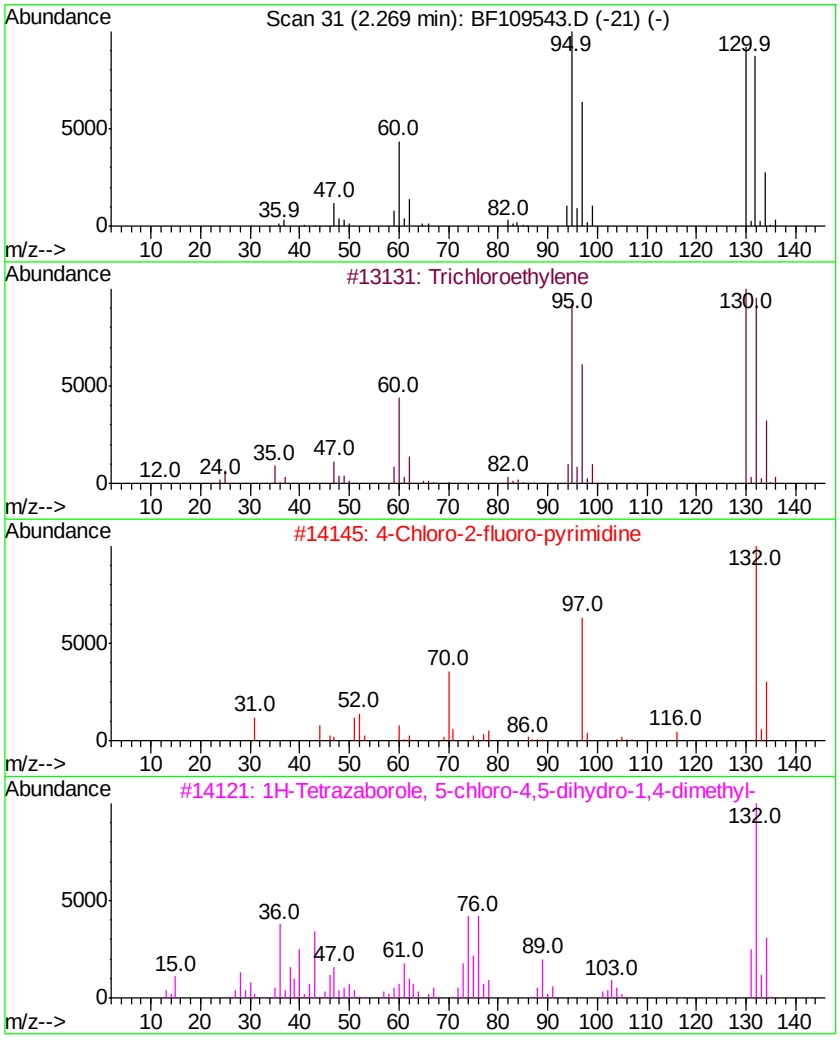
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

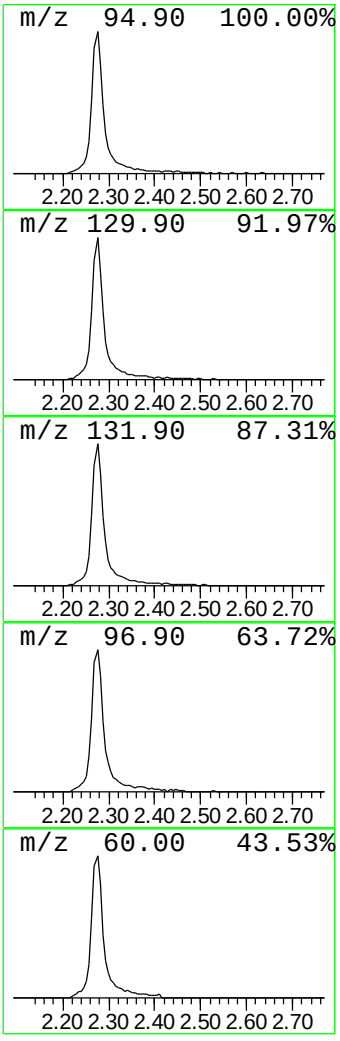
****

Peak Number 1 Trichloroethylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	12.88 ng	410869	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	98
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	22
3	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	14
4	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	10
5	Pyridine, 1-oxide	95	C5H5NO	000694-59-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109543.D
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Operator : JU/SJ
Sample : J5198-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

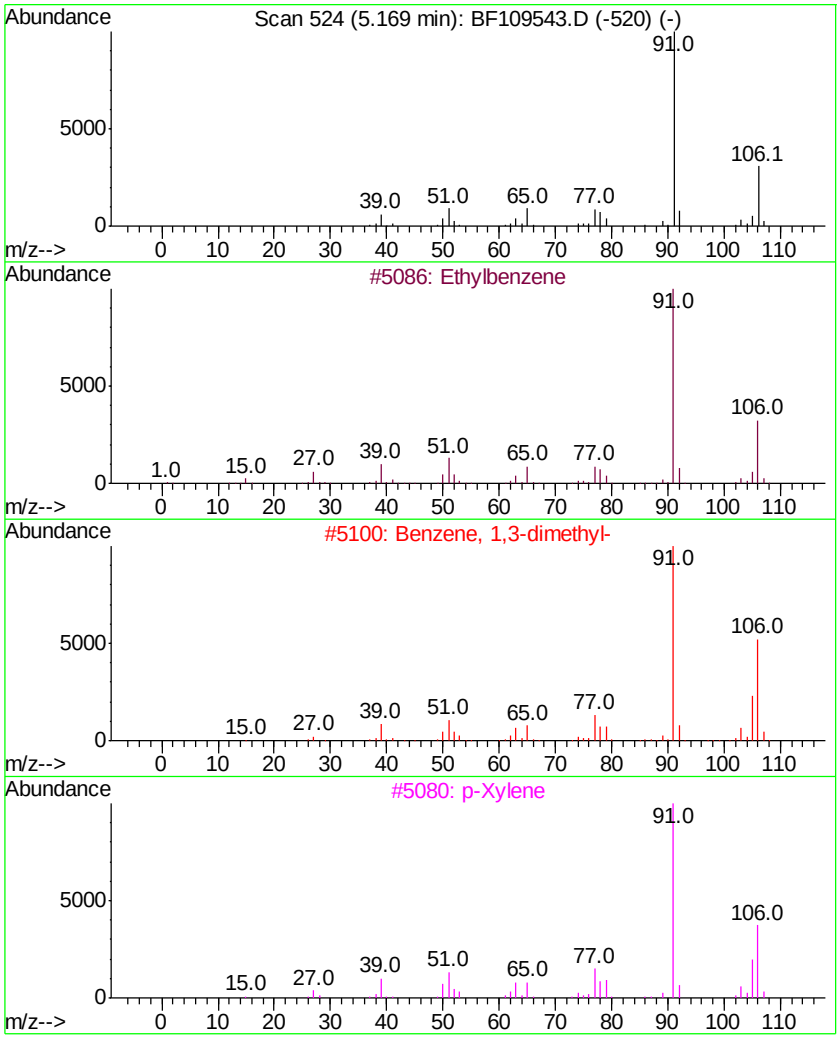
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

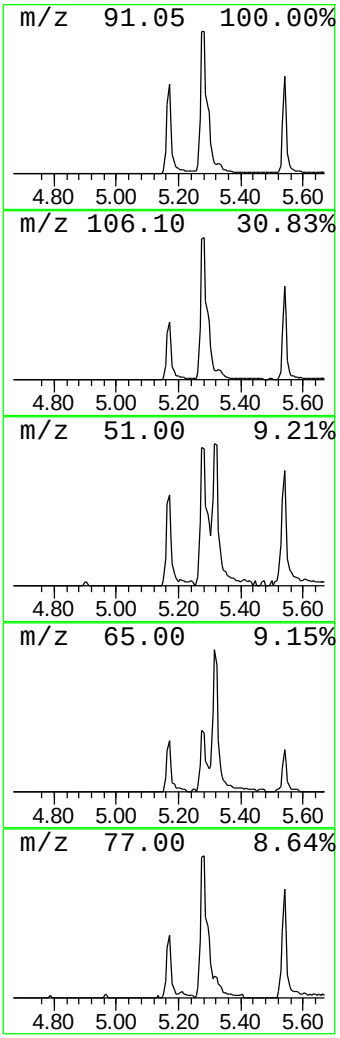
****

Peak Number 3 Ethylbenzene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	6.89 ng	219747	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	86
3	p-Xylene	106	C8H10	000106-42-3	80
4	o-Xylene	106	C8H10	000095-47-6	72
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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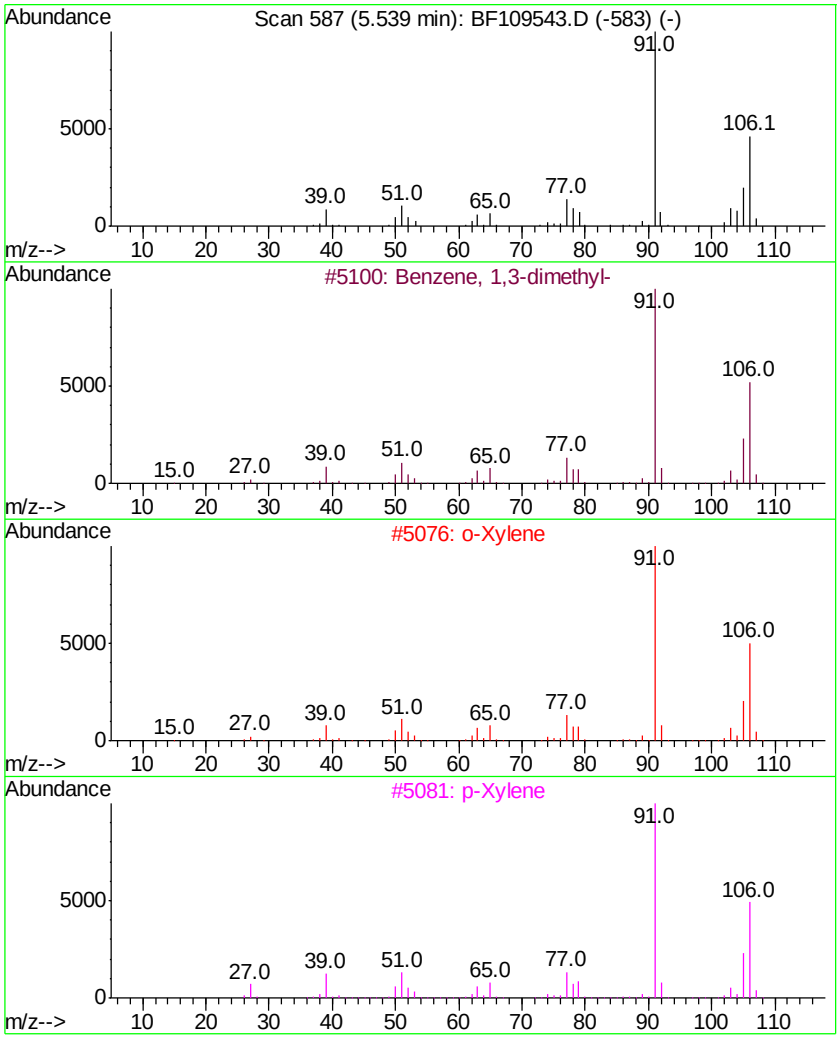
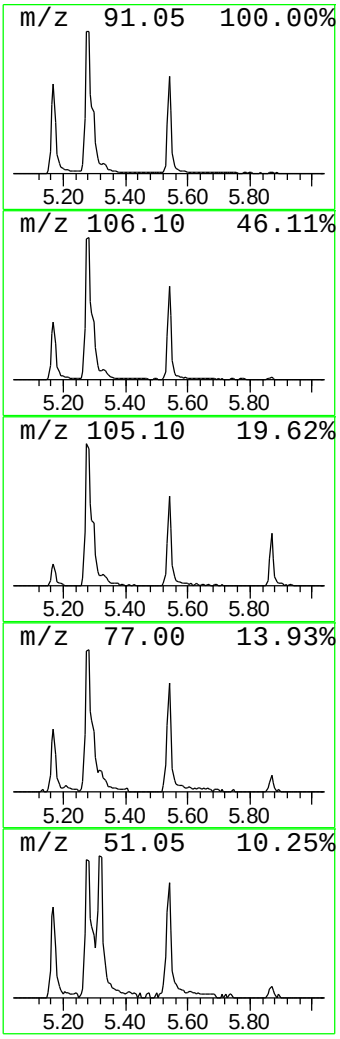
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	8.91 ng	284064	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	o-Xylene	106	C8H10	000095-47-6	95
3	p-Xylene	106	C8H10	000106-42-3	94
4	Benzeneethanol, .alpha.,.beta.-d...	150	C10H14O	052089-32-4	78
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109543.D
Acq On : 3 Oct 2018 13:55
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Sample : J5198-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

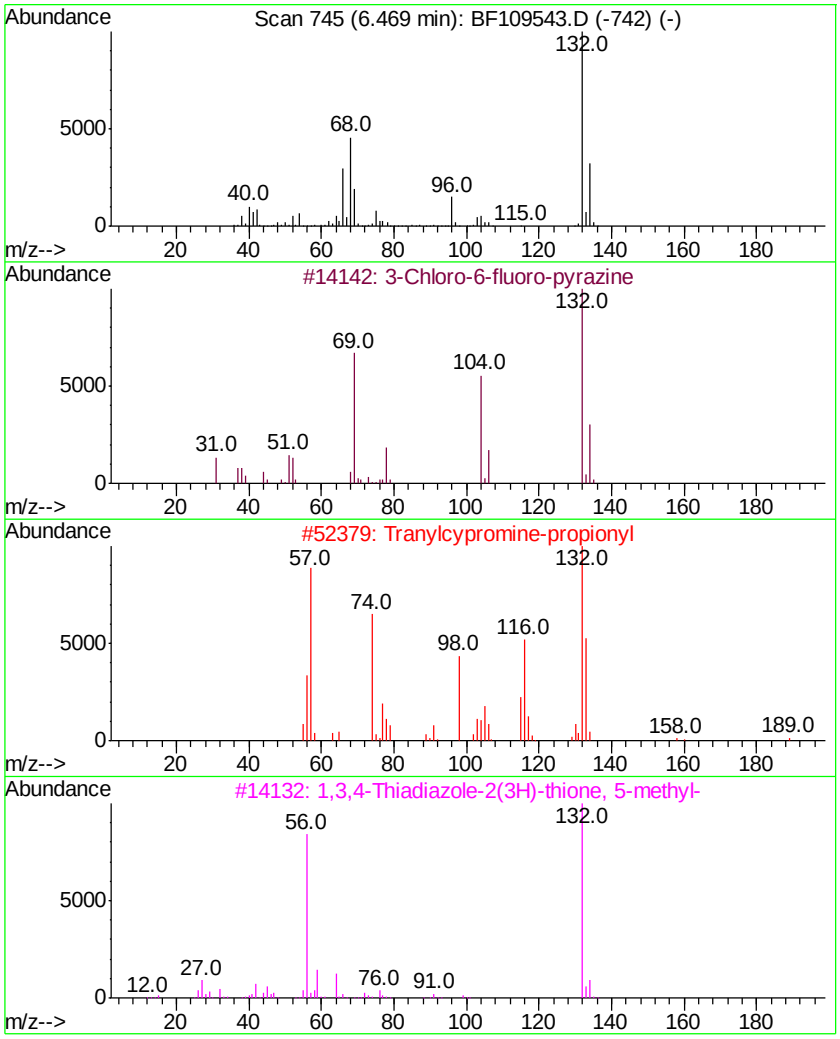
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

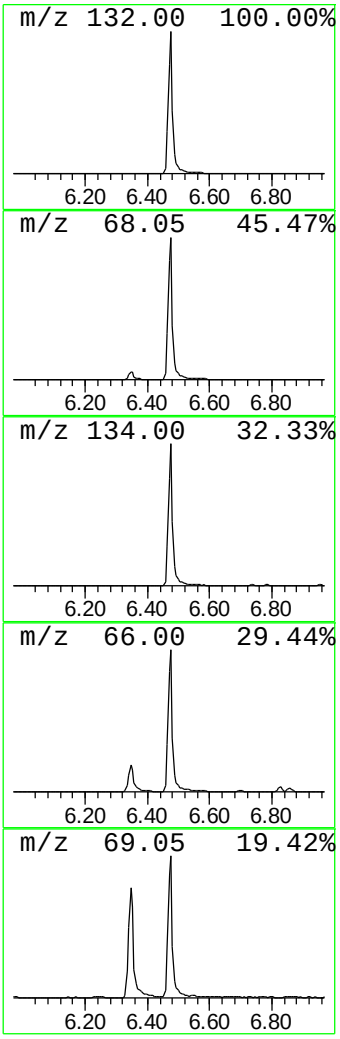
****

Peak Number 5 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	68.07 ng	2171000	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109543.D
Acq On : 3 Oct 2018 13:55
Operator : JU/SJ
Sample : J5198-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

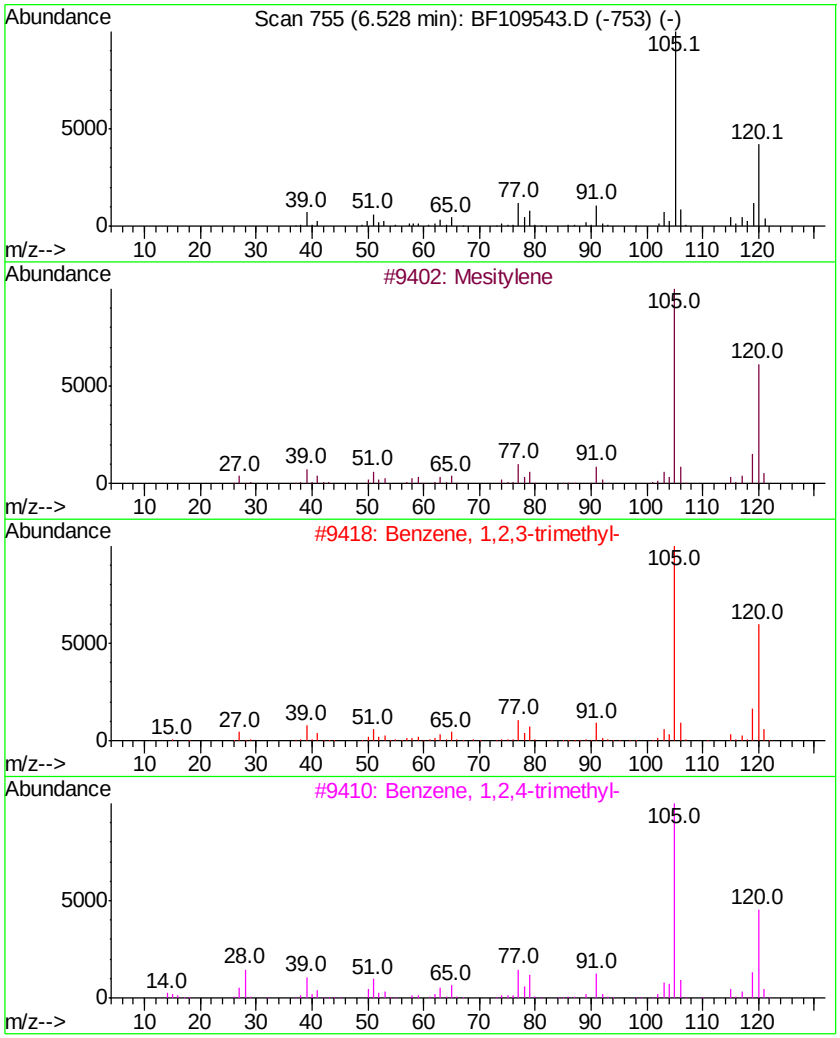
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

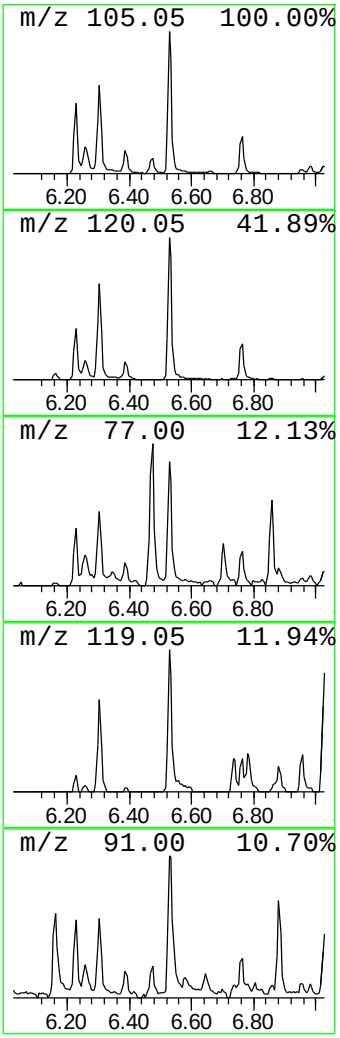
****

Peak Number 6 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	10.44 ng	332831	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Acq On : 3 Oct 2018 13:55
Operator : JU/SJ
Sample : J5198-05
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-100218-C

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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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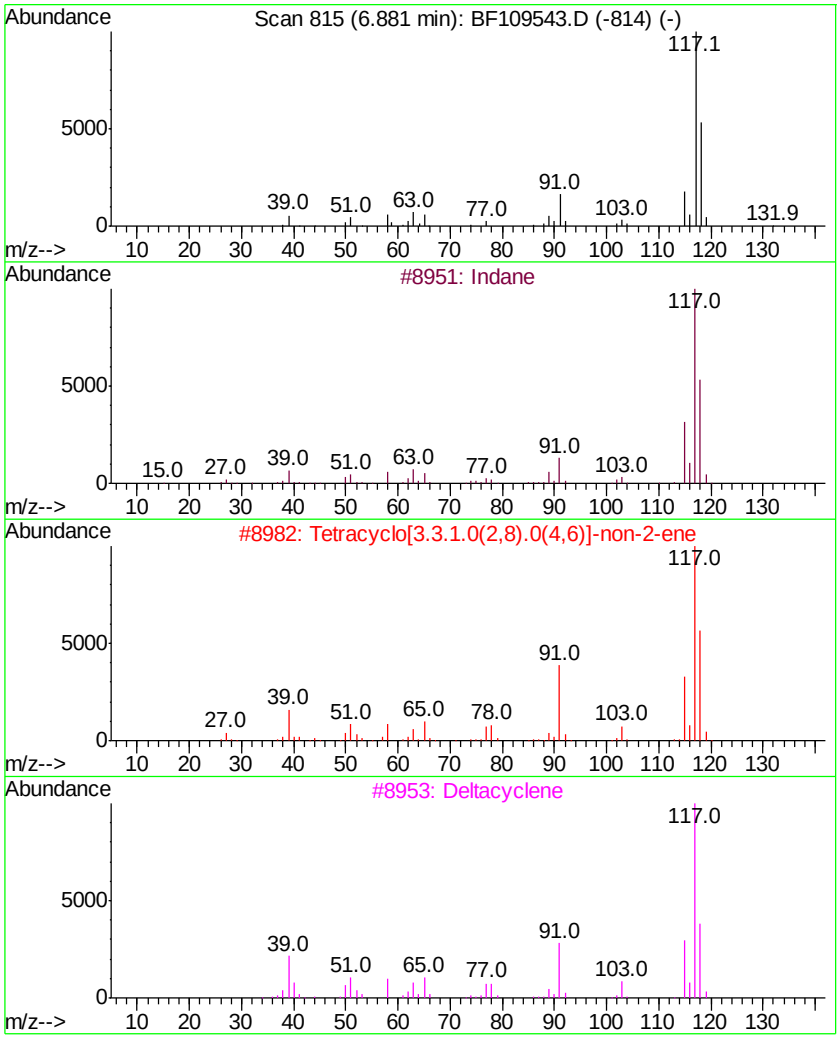
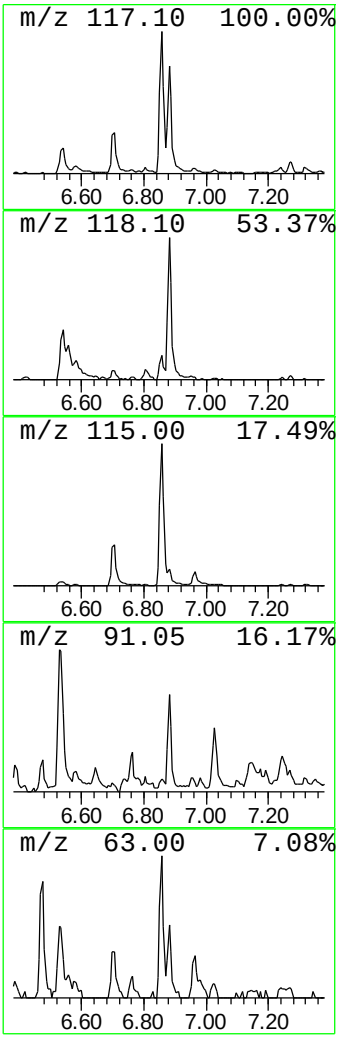
Peak Number 8 Indane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	5.63 ng	179560	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	86
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	72





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ClientSampleId : CL-01-100218-C

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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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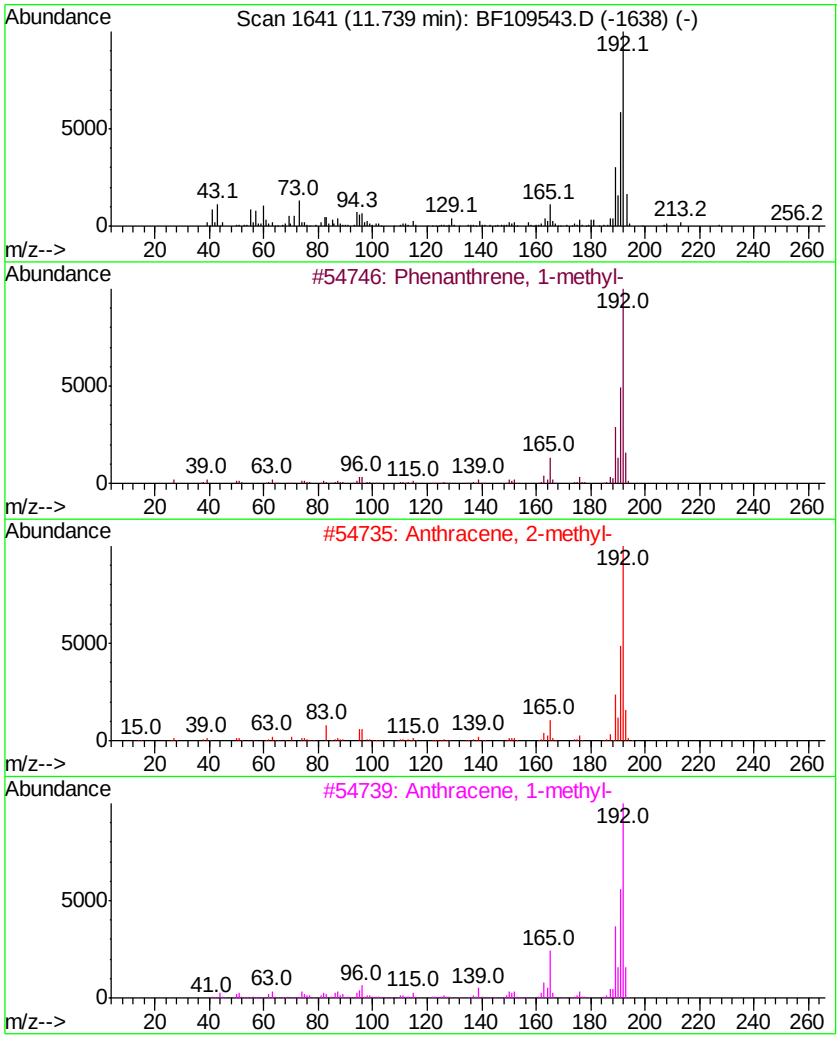
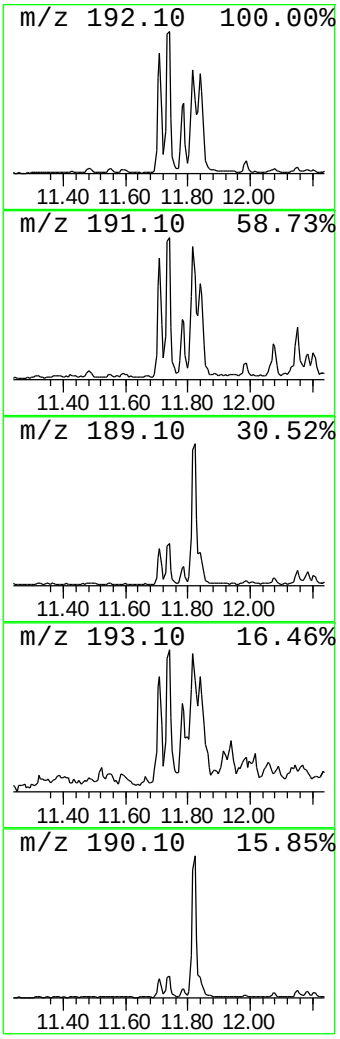
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	6.21 ng	267559	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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

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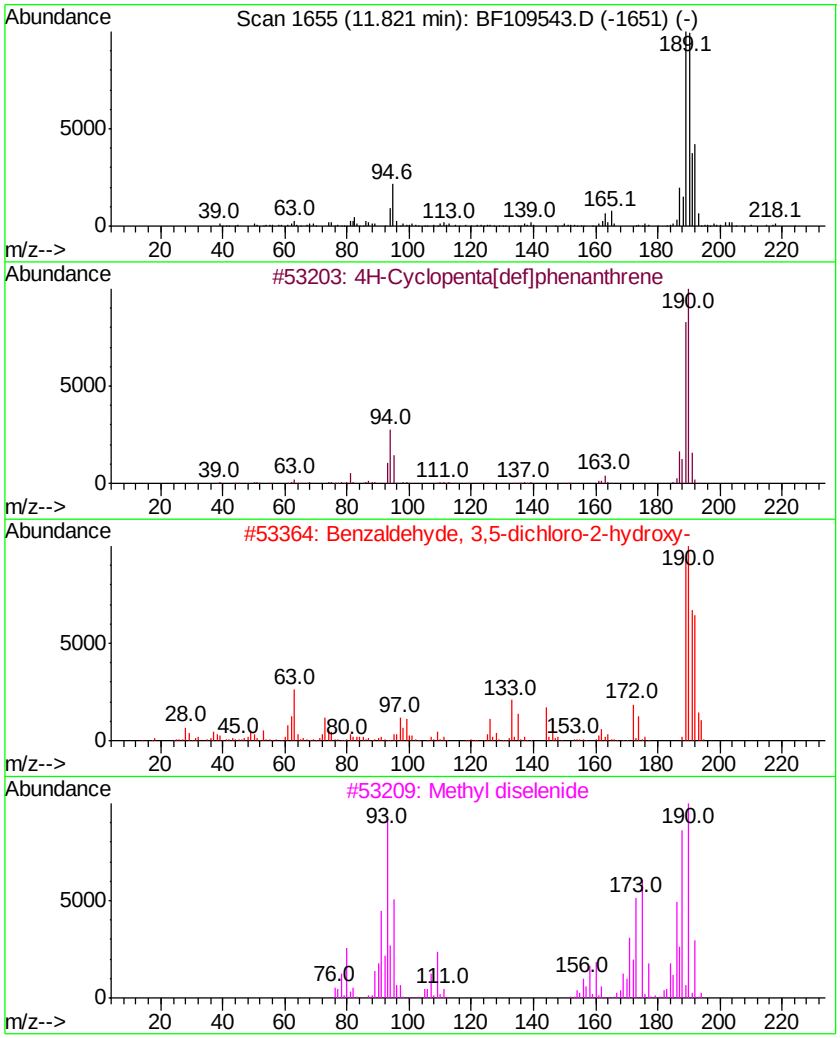
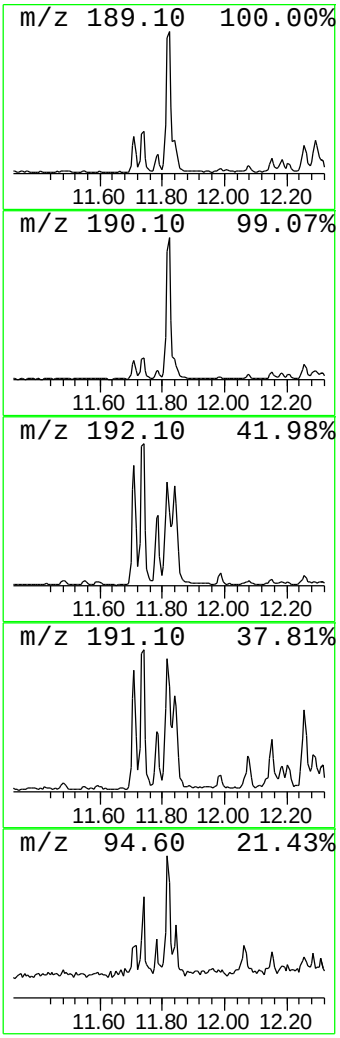
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	7.48 ng	321860	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	20





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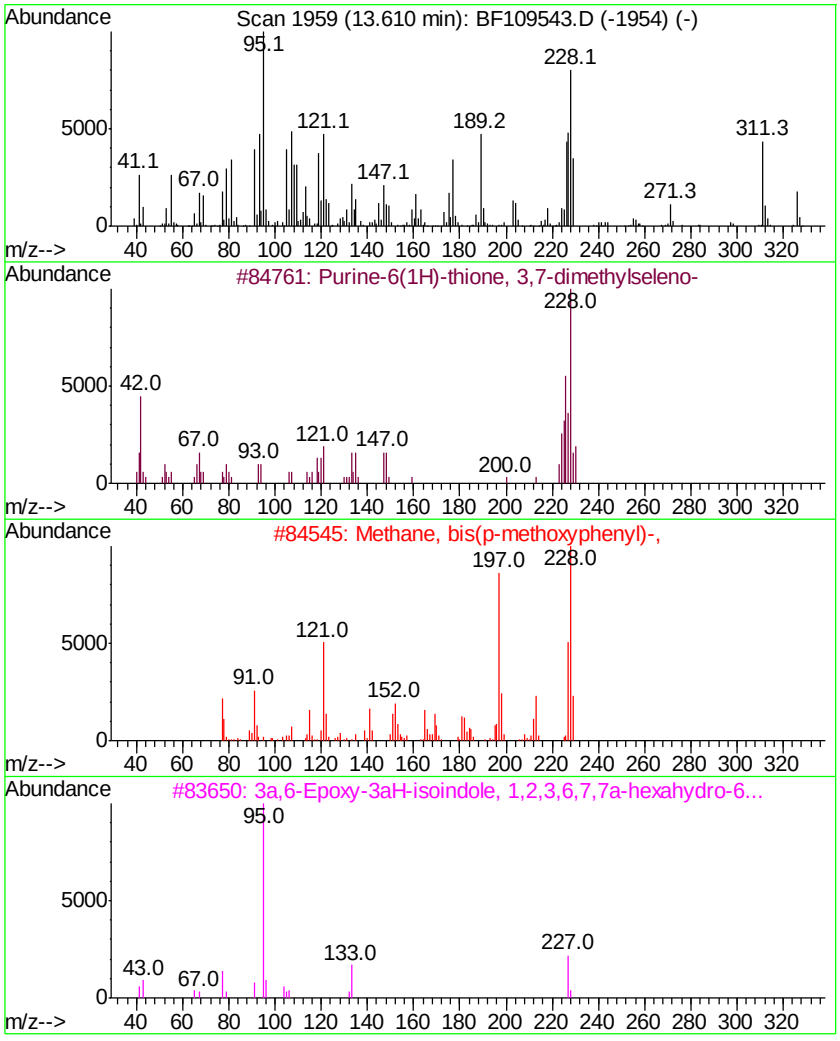
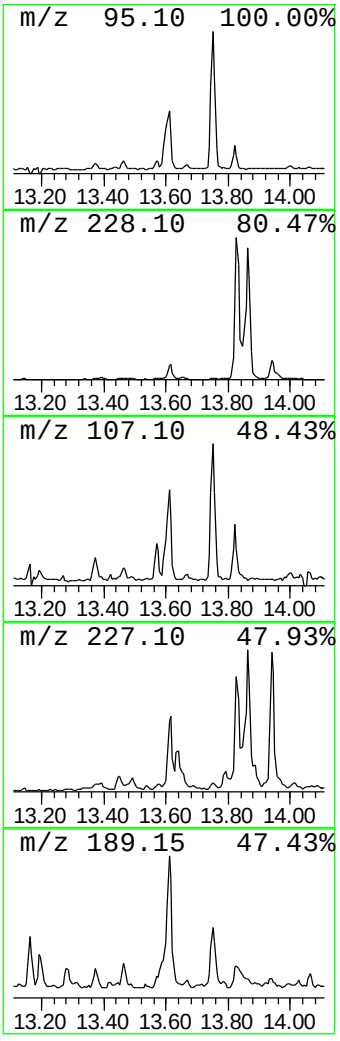
Peak Number 11 unknown13.61 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	10.93 ng	1073090	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	22
2	Methane, bis(p-methoxyphenyl)-,	228	C15H16O2	000726-18-1	22
3	3a,6-Epoxy-3aH-isoindole, 1,2,3,...	227	C15H17NO	071840-20-5	14
4	Thiazolo[5,4-f]quinoline, 2,7,9-...	228	C13H12N2S	038463-47-7	14
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	14





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TIC Integration Parameters: LSCINT.P

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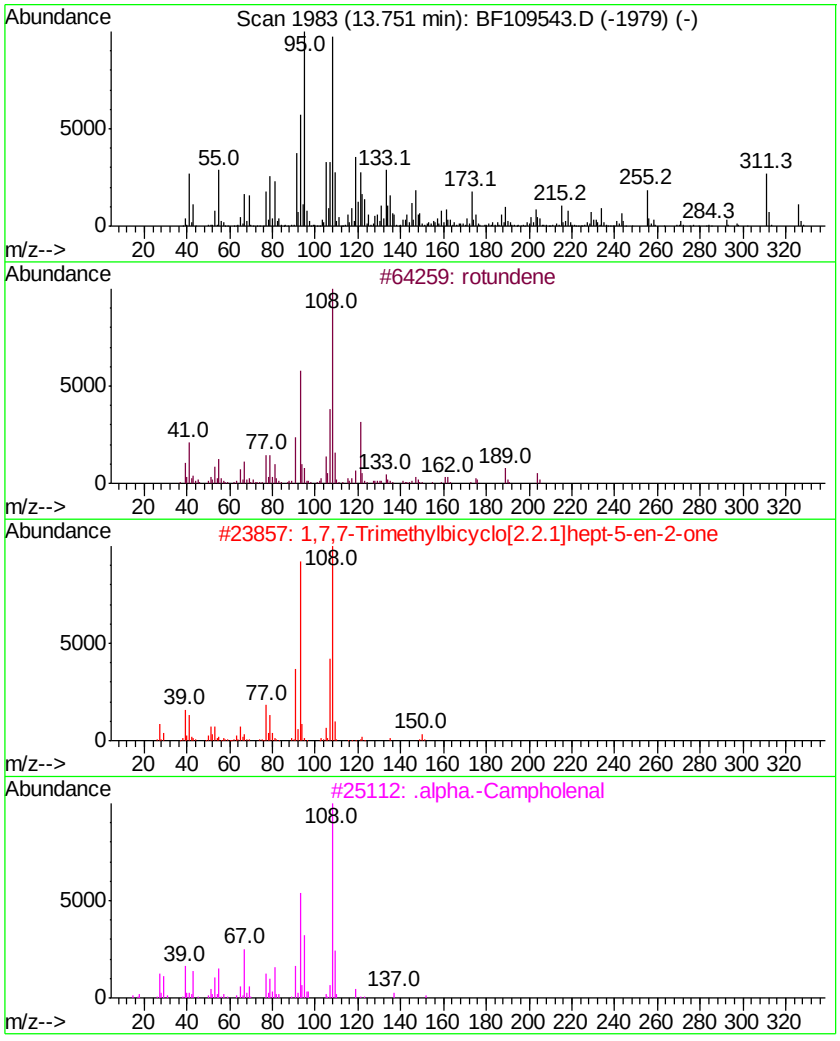
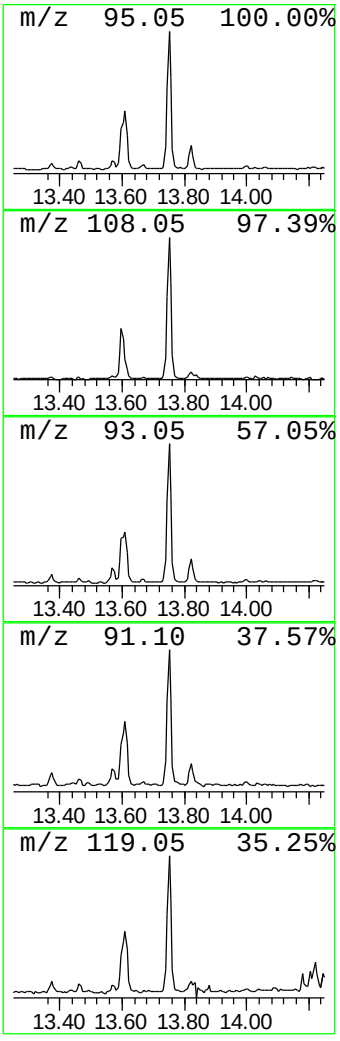
Peak Number 12 unknown13.75 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	13.12 ng	1288280	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	rotundene	204	C15H24	1000374-17-0	45
2	1,7,7-Trimethylbicyclo[2.2.1]hep...	150	C10H14O	022516-10-5	35
3	.alpha.-Campholenal	152	C10H16O	004501-58-0	27
4	Trimethylamine (N-B) bis(trifluo...	237	C7H14BF6N	1000163-00-5	18
5	N-(2-Furylcarbonyl)tyrosine	275	C14H13NO5	1000260-99-5	14





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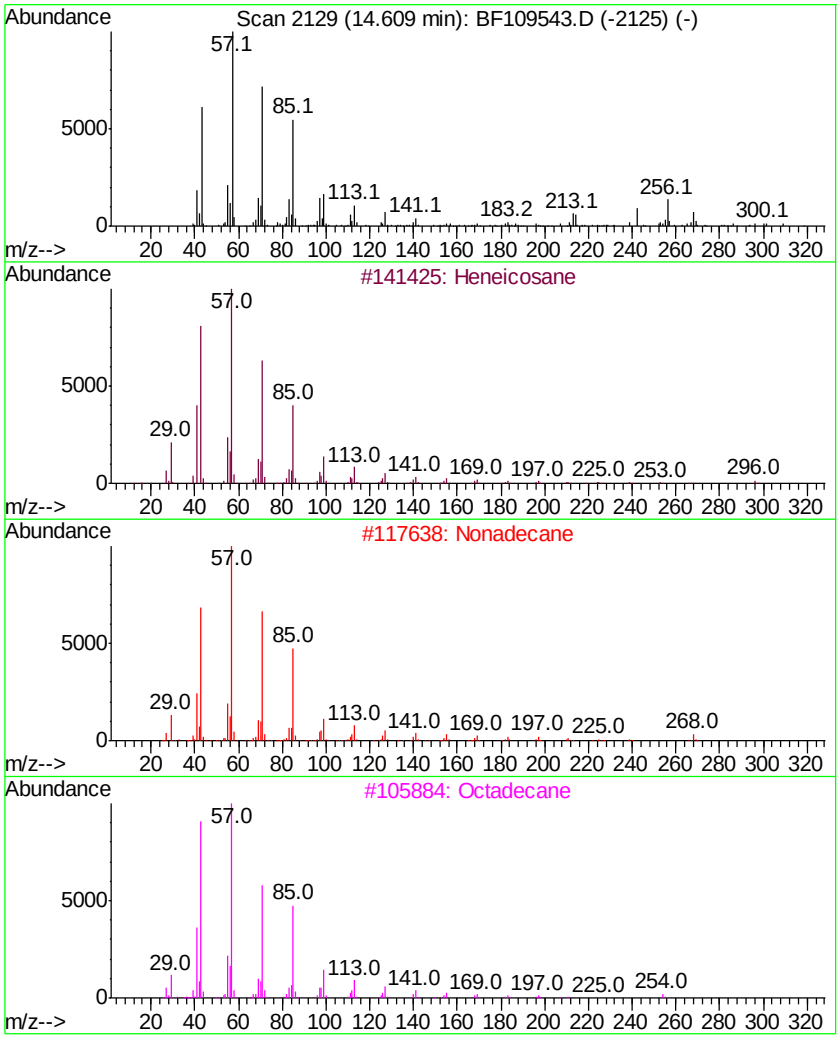
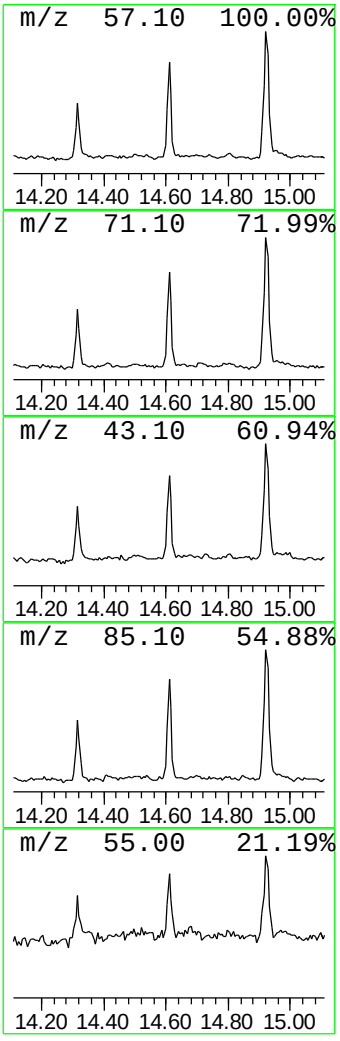
Peak Number 13 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	7.24 ng	235038	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Nonadecane	268	C19H40	000629-92-5	90
3	Octadecane	254	C18H38	000593-45-3	83
4	Hexacosane	366	C26H54	000630-01-3	81
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76





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Misc :
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ClientSampleId : CL-01-100218-C

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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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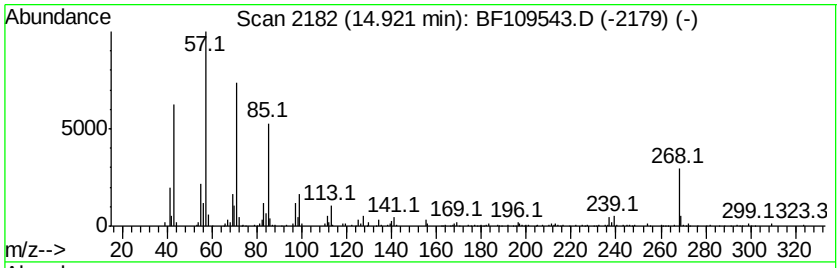
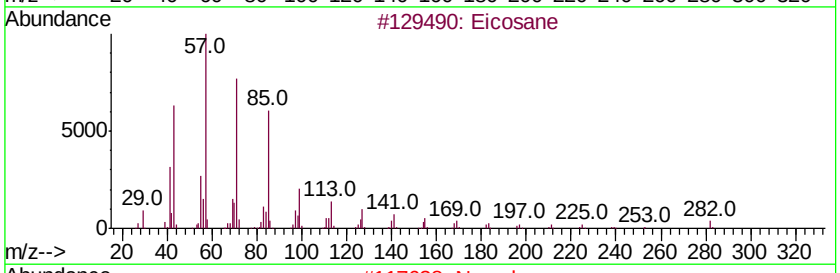
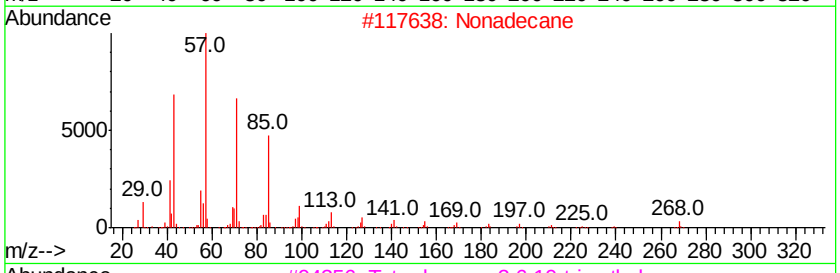
Peak Number 14 Eicosane Concentration Rank 16

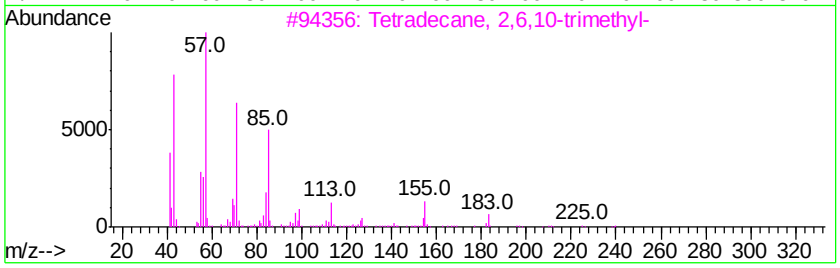
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	6.53 ng	212012	Perylene-d12	15.24

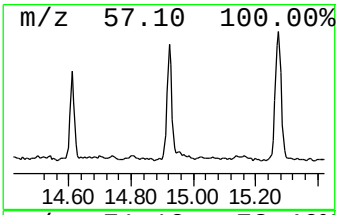
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heneicosane	296	C21H44	000629-94-7	83

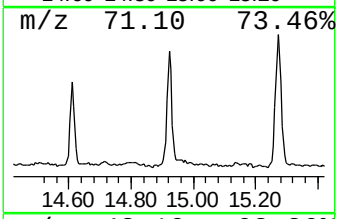


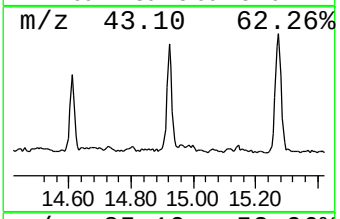


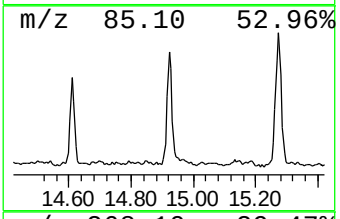


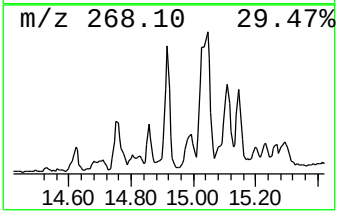












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Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-100218-C

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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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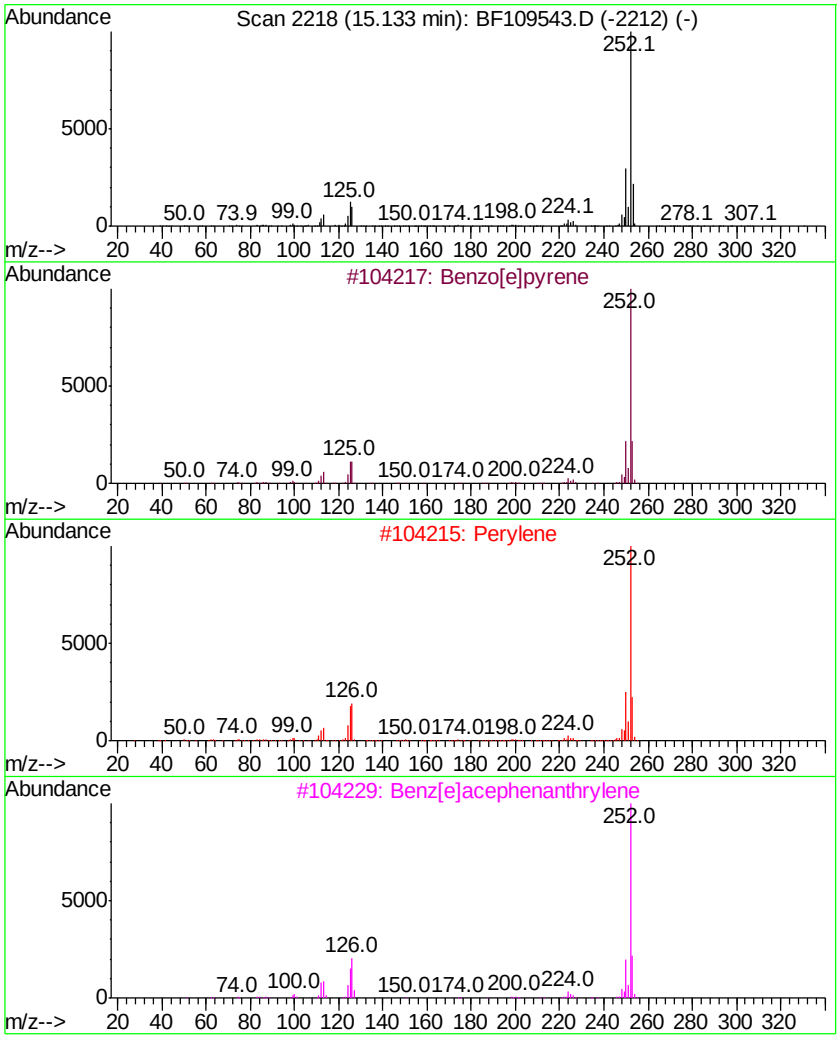
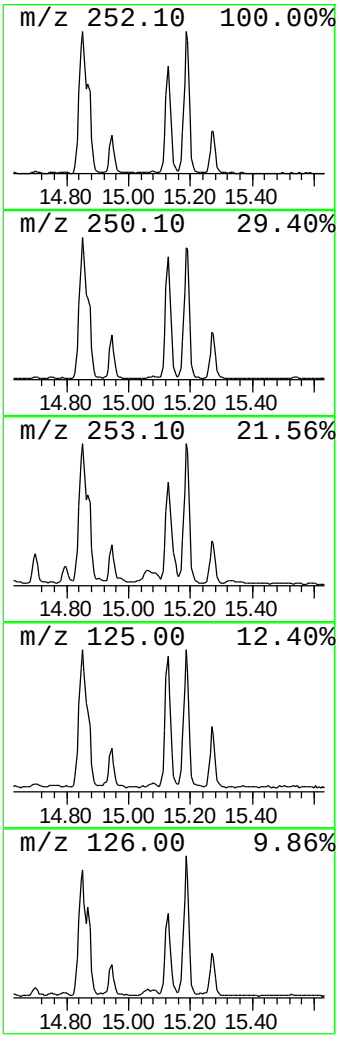
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	32.36 ng	1051330	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





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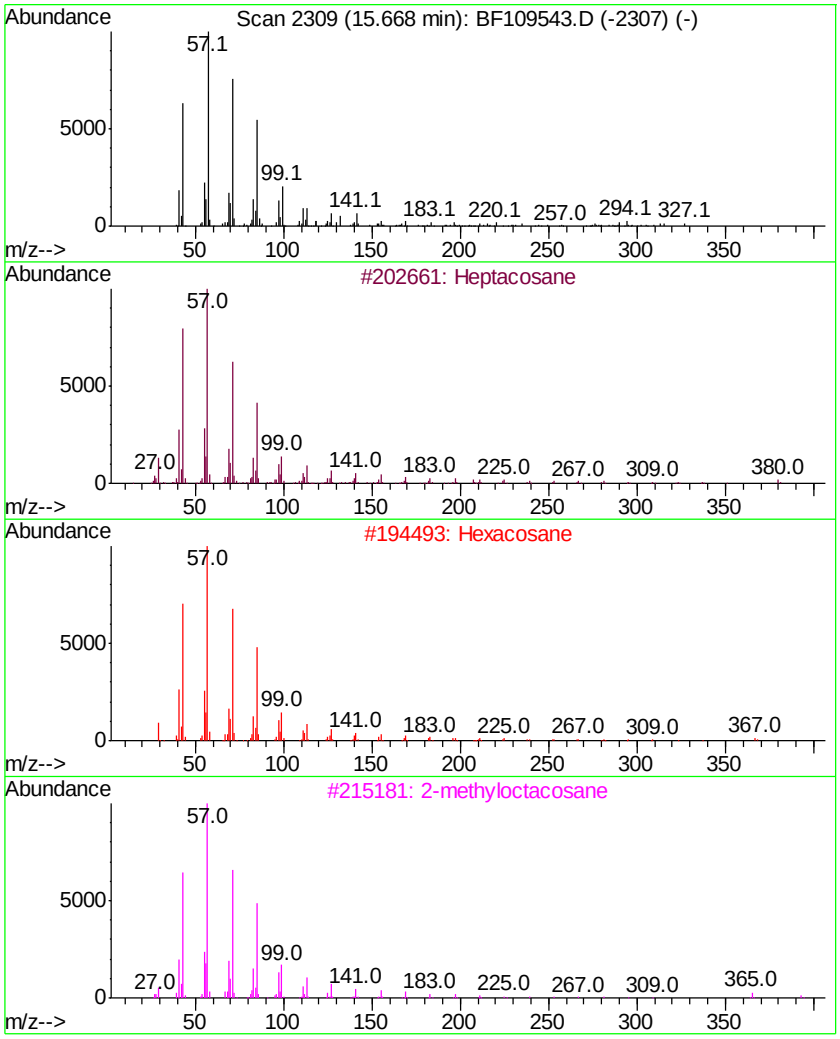
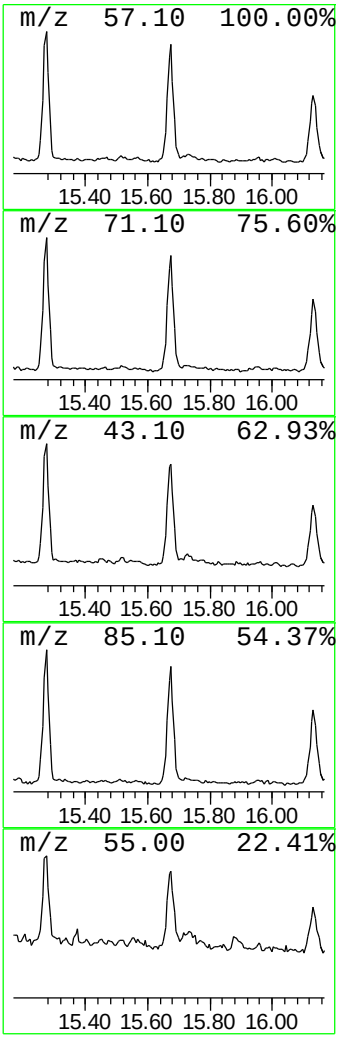
Peak Number 17 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	7.37 ng	239559	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





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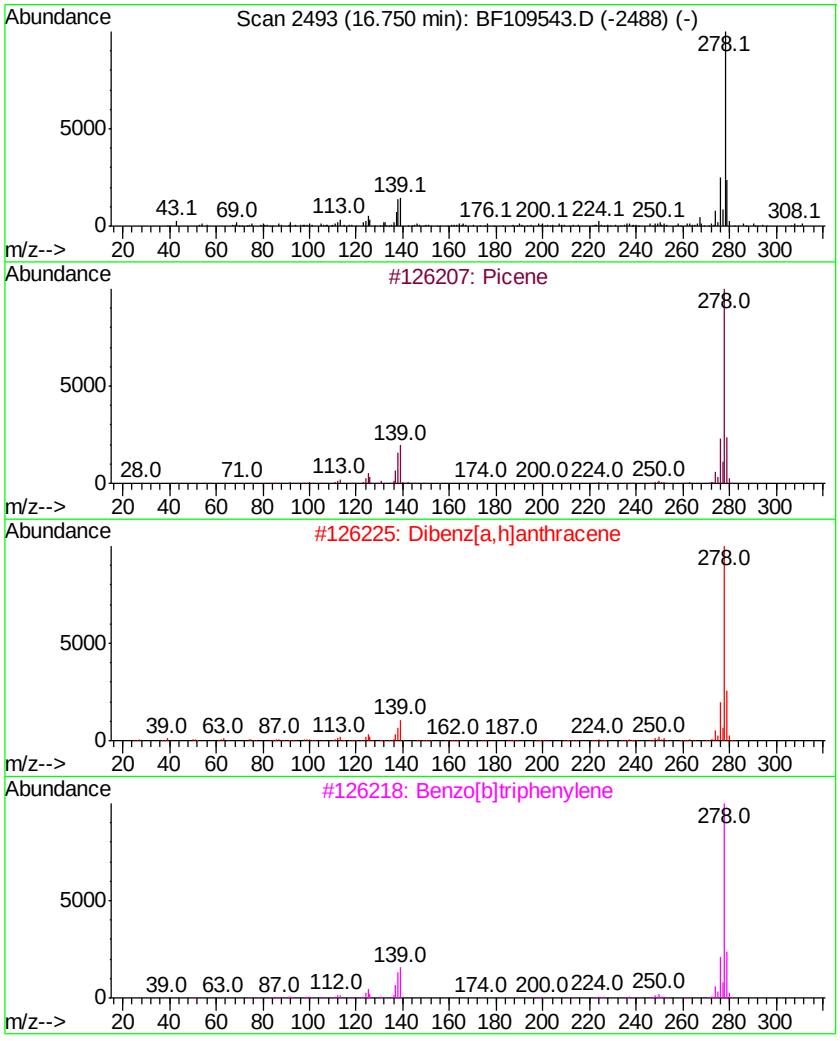
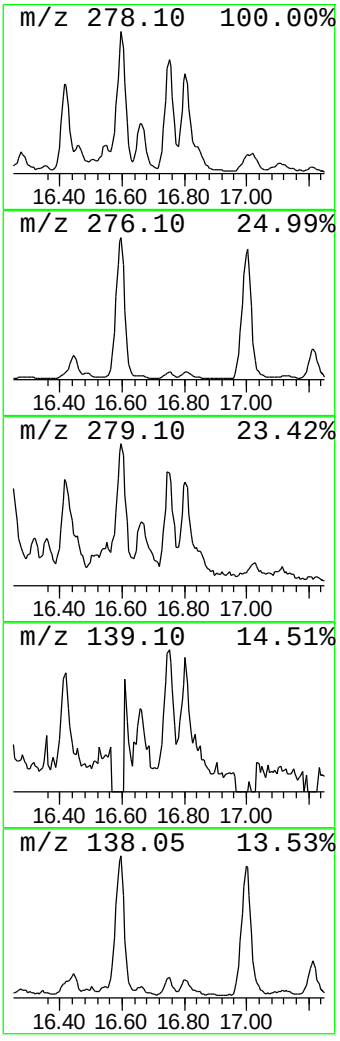
Peak Number 18 Picene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	5.80 ng	188511	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	98
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
4	Pentaphene	278	C22H14	000222-93-5	97
5	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	92





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Acq On : 3 Oct 2018 13:55
Operator : JU/SJ
Sample : J5198-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

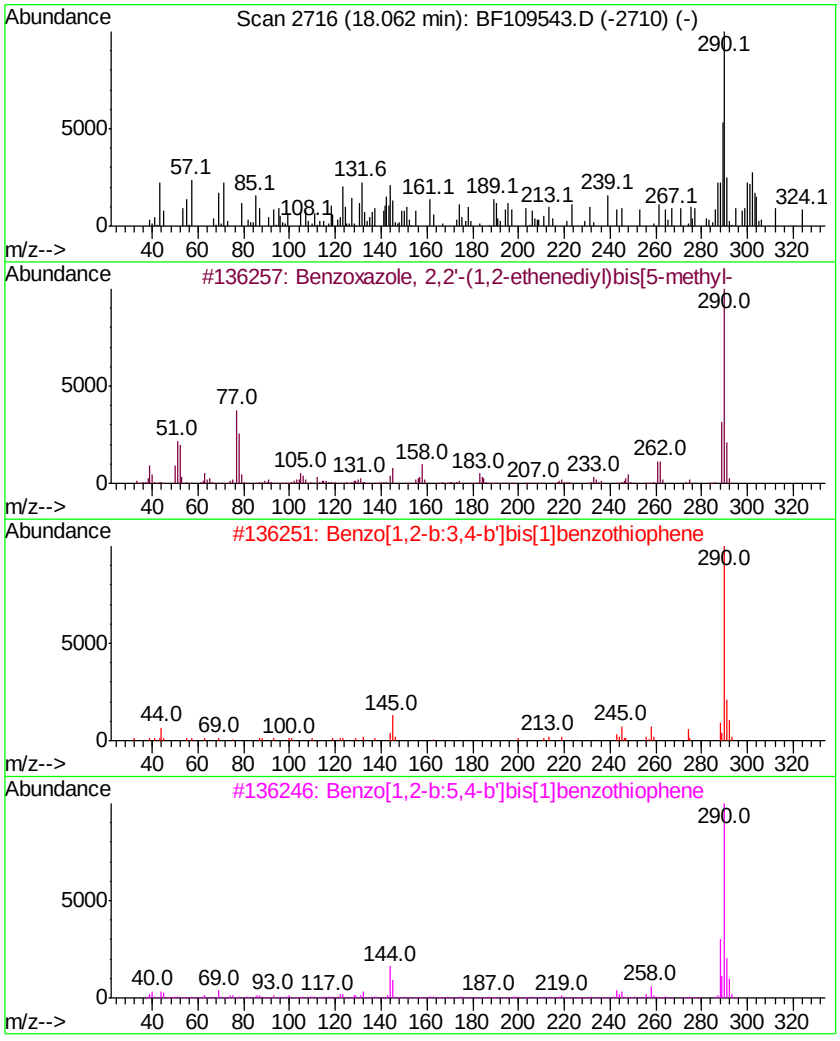
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

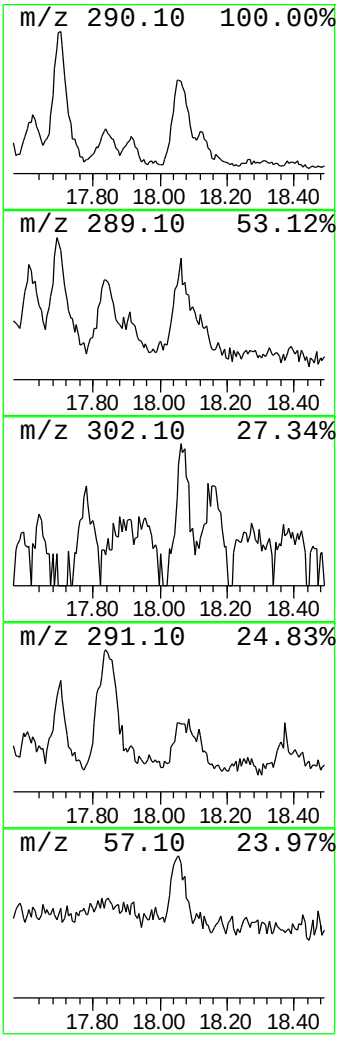
****

Peak Number 20 unknown18.06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	6.60 ng	214470	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoxazole, 2,2'-(1,2-ethenediv...	290	C18H14N2O2	001041-00-5	35
2	Benzo[1,2-b:3,4-b']bis[1]benzoth...	290	C18H10S2	000198-89-0	35
3	Benzo[1,2-b:5,4-b']bis[1]benzoth...	290	C18H10S2	000241-37-2	30
4	2-(4-Methoxy-phenyl)-1,2-dihydro...	290	C18H14N2O2	1000193-55-3	30
5	1,1':2',1''-Terphenyl, 3,3''-dim...	290	C20H18O2	1000327-41-3	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
Data File : BF109543.D
Acq On : 3 Oct 2018 13:55
Operator : JU/SJ
Sample : J5198-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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
Trichloroethylene	2.27	12.9	ng	410869	1	6.70	637897	20.0
Ethylbenzene	5.17	6.9	ng	219747	1	6.70	637897	20.0
Benzene, 1,3-dime...	5.54	8.9	ng	284064	1	6.70	637897	20.0
unknown6.47	6.47	68.1	ng	2171000	1	6.70	637897	20.0
Mesitylene	6.53	10.4	ng	332831	1	6.70	637897	20.0
Indane	6.88	5.6	ng	179560	1	6.70	637897	20.0
Phenanthrene, 1-m...	11.74	6.2	ng	267559	4	11.21	861078	20.0
4H-Cyclopenta[def...	11.82	7.5	ng	321860	4	11.21	861078	20.0
unknown13.61	13.61	10.9	ng	1073090	5	13.84	1963540	20.0
unknown13.75	13.75	13.1	ng	1288280	5	13.84	1963540	20.0
Heneicosane	14.61	7.2	ng	235038	6	15.24	649708	20.0
Eicosane	14.92	6.5	ng	212012	6	15.24	649708	20.0
Benzo[e]pyrene	15.13	32.4	ng	1051330	6	15.24	649708	20.0
Heptacosane	15.67	7.4	ng	239559	6	15.24	649708	20.0
Picene	16.75	5.8	ng	188511	6	15.24	649708	20.0
unknown18.06	18.06	6.6	ng	214470	6	15.24	649708	20.0