LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109919.D
Acq On : 17 Oct 2018 12:52
Operator : JU/SJ
Sample : J5516-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

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-BF101518.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	2.328	35	41	46	rVB	670198	908848	8.17%	0.580%
2	5.598	592	597	600	rBV	4952237	4679514	42.07%	2.988%
3	6.598	761	767	770	rBV	4625878	4937258	44.39%	3.152%
4	6.745	787	792	795	rBV	5147167	4857860	43.67%	3.101%
5	6.981	828	832	835	rBV	1796687	1529333	13.75%	0.976%
6	7.134	854	858	861	rBV	4364409	3830036	34.43%	2.445%
7	7.539	922	927	930	rVB	3371126	3111487	27.97%	1.986%
8	8.263	1046	1050	1052	rBV	2392130	2033844	18.28%	1.298%
9	8.281	1052	1053	1056	rVB	430579	292934	2.63%	0.187%
10	8.975	1167	1171	1175	rBV	4347065	4173206	37.52%	2.664%
11	9.075	1183	1188	1191	rVB	2933832	2488335	22.37%	1.589%
12	9.339	1227	1233	1236	rVB	5914346	5504805	49.49%	3.514%
13	9.439	1246	1250	1253	rVB	1860351	1491202	13.41%	0.952%
14	9.533	1263	1266	1272	rVB	743868	716068	6.44%	0.457%
15	9.598	1272	1277	1282	rBV	1310612	1805923	16.24%	1.153%
16	9.675	1286	1290	1293	rBV	1680598	1754678	15.77%	1.120%
17	9.704	1293	1295	1297	rVV	1153466	787771	7.08%	0.503%
18	9.728	1297	1299	1304	rVB	682043	529599	4.76%	0.338%
19	9.792	1307	1310	1312	rBV	739068	609931	5.48%	0.389%
20	9.880	1322	1325	1328	rVB	615685	511721	4.60%	0.327%
21	9.998	1342	1345	1347	rVV	958415	848995	7.63%	0.542%
22	10.022	1347	1349	1352	rVV2	2438005	2251558	20.24%	1.437%
23	10.057	1352	1355	1358	rVV	6095585	5539658	49.80%	3.537%
24	10.122	1363	1366	1370	rVV	236229	310628	2.79%	0.198%
25	10.180	1370	1376	1380	rVV3	332540	496054	4.46%	0.317%
26	10.227	1380	1384	1387	rVV	4495881	4184970	37.62%	2.672%
27	10.257	1387	1389	1394	rVV	405446	355163	3.19%	0.227%
28	10.333	1398	1402	1405	rBV2	344213	345547	3.11%	0.221%
29	10.363	1405	1407	1413	rVB	344287	301239	2.71%	0.192%
30	10.439	1413	1420	1424	rBV4	343292	608638	5.47%	0.389%
31	10.575	1438	1443	1446	rVB	5543929	5133088	46.15%	3.277%
32	10.622	1446	1451	1452	rBV	266840	285281	2.56%	0.182%
33	10.633	1452	1453	1455	rVV	384499	348348	3.13%	0.222%
34	10.657	1455	1457	1459	rVV	899161	720922	6.48%	0.460%

LSC Area Percent Report

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Acq On : 17 Oct 2018 12:52
Operator : JU/SJ
Sample : J5516-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

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-BF101518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.704	1463	1465	1466	rVV	382621	292895	2.63%	0.187%
36	10.727	1466	1469	1473	rVV	1092930	996374	8.96%	0.636%
37	10.810	1476	1483	1487	rVV	3618685	3594137	32.31%	2.295%
38	10.927	1497	1503	1510	rVB4	536329	895171	8.05%	0.572%
39	11.116	1528	1535	1538	rBV2	688673	907961	8.16%	0.580%
40	11.145	1538	1540	1543	rVV2	279863	263770	2.37%	0.168%
41	11.198	1546	1549	1552	rVB2	278647	290679	2.61%	0.186%
42	11.245	1552	1557	1559	rBV2	277319	389768	3.50%	0.249%
43	11.269	1559	1561	1563	rVV3	326497	296452	2.67%	0.189%
44	11.316	1567	1569	1573	rVV2	327377	282902	2.54%	0.181%
45	11.363	1573	1577	1580	rVV2	459920	518492	4.66%	0.331%
46	11.410	1582	1585	1590	rVB	1269357	1066303	9.59%	0.681%
47	11.516	1599	1603	1605	rBV	2149485	2505858	22.53%	1.600%
48	11.551	1605	1609	1611	rVV	9644376	11123515	100.00%	7.102%
49	11.592	1611	1616	1619	rVV	2663601	2283268	20.53%	1.458%
50	11.739	1634	1641	1644	rBV2	631769	722517	6.50%	0.461%
51	12.016	1682	1688	1691	rBV2	1305848	1960255	17.62%	1.251%
52	12.045	1691	1693	1696	rVV	1424851	1189829	10.70%	0.760%
53	12.092	1697	1701	1704	rVV	550814	532846	4.79%	0.340%
54	12.133	1704	1708	1714	rVB2	2152088	2413860	21.70%	1.541%
55	12.310	1735	1738	1740	rBV	757448	594887	5.35%	0.380%
56	12.651	1793	1796	1805	rVB2	289274	389393	3.50%	0.249%
57	12.739	1805	1811	1814	rBV	6560865	6851039	61.59%	4.374%
58	12.816	1821	1824	1828	rVB2	1118193	1015683	9.13%	0.648%
59	12.968	1842	1850	1854	rBV2	5329536	6713159	60.35%	4.286%
60	13.010	1854	1857	1861	rVB3	271006	310665	2.79%	0.198%
61	13.098	1865	1872	1875	rBV	4865155	5332400	47.94%	3.404%
62	13.174	1881	1885	1889	rBV3	365955	604250	5.43%	0.386%
63	13.286	1896	1904	1907	rVB2	890778	1301258	11.70%	0.831%
64	13.351	1912	1915	1918	rBV	814321	779547	7.01%	0.498%
65	13.392	1918	1922	1924	rVV3	414578	490591	4.41%	0.313%
66	13.486	1935	1938	1940	rBV	337752	295002	2.65%	0.188%
67	13.568	1949	1952	1954	rBV2	349516	349195	3.14%	0.223%
68	13.910	2005	2010	2012	rBV2	287245	336718	3.03%	0.215%
69	13.933	2012	2014	2016	rBV	356549	272009	2.45%	0.174%
70	13.963	2016	2019	2020	rBV	388119	386177	3.47%	0.247%
71	14.127	2044	2047	2048	rBV2	298964	301159	2.71%	0.192%

LSC Area Percent Report

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Sample : J5516-06
Misc :
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Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.157	2048	2052	2055	rVV3	2297512	3767595	33.87%	2.405%
73	14.186	2055	2057	2062	rVB	1379004	1228959	11.05%	0.785%
74	14.268	2068	2071	2075	rBV	695959	699144	6.29%	0.446%
75	14.374	2086	2089	2093	rBV2	272993	340410	3.06%	0.217%
76	14.539	2113	2117	2121	rVB	343250	441684	3.97%	0.282%
77	14.610	2126	2129	2132	rBV2	450035	416894	3.75%	0.266%
78	14.668	2137	2139	2142	rVV	291983	348068	3.13%	0.222%
79	14.698	2142	2144	2147	rVV	307950	289113	2.60%	0.185%
80	14.733	2147	2150	2158	rVB5	168764	309342	2.78%	0.197%
81	14.862	2168	2172	2175	rBV4	181779	258899	2.33%	0.165%
82	14.933	2180	2184	2190	rVB2	707018	849818	7.64%	0.543%
83	15.062	2200	2206	2213	rVB3	196820	408201	3.67%	0.261%
84	15.233	2230	2235	2238	rBV	1825706	2877328	25.87%	1.837%
85	15.262	2238	2240	2242	rVV	921235	940835	8.46%	0.601%
86	15.286	2242	2244	2251	rVV2	1016230	1221312	10.98%	0.780%
87	15.345	2251	2254	2257	rVB	535342	530475	4.77%	0.339%
88	15.557	2285	2290	2296	rVB	1207957	1633197	14.68%	1.043%
89	15.621	2296	2301	2307	rBV2	1405473	2188004	19.67%	1.397%
90	15.692	2307	2313	2316	rVV2	2245242	3509099	31.55%	2.240%
91	15.721	2316	2318	2324	rVB	577153	697876	6.27%	0.446%
92	15.857	2337	2341	2347	rBV	331599	462036	4.15%	0.295%
93	16.157	2386	2392	2397	rBV	781452	1303755	11.72%	0.832%
94	16.286	2410	2414	2423	rVB7	118314	265871	2.39%	0.170%
95	16.698	2479	2484	2493	rVB	393185	706994	6.36%	0.451%
96	17.245	2572	2577	2583	rVB2	523452	1000023	8.99%	0.638%
97	17.315	2583	2589	2602	rVB2	502055	1183417	10.64%	0.756%
98	17.503	2615	2621	2634	rVB6	180795	440649	3.96%	0.281%
99	17.721	2652	2658	2671	rVB	395208	874107	7.86%	0.558%
100	17.874	2679	2684	2694	rVB10	118022	306916	2.76%	0.196%

Sum of corrected areas: 156634447

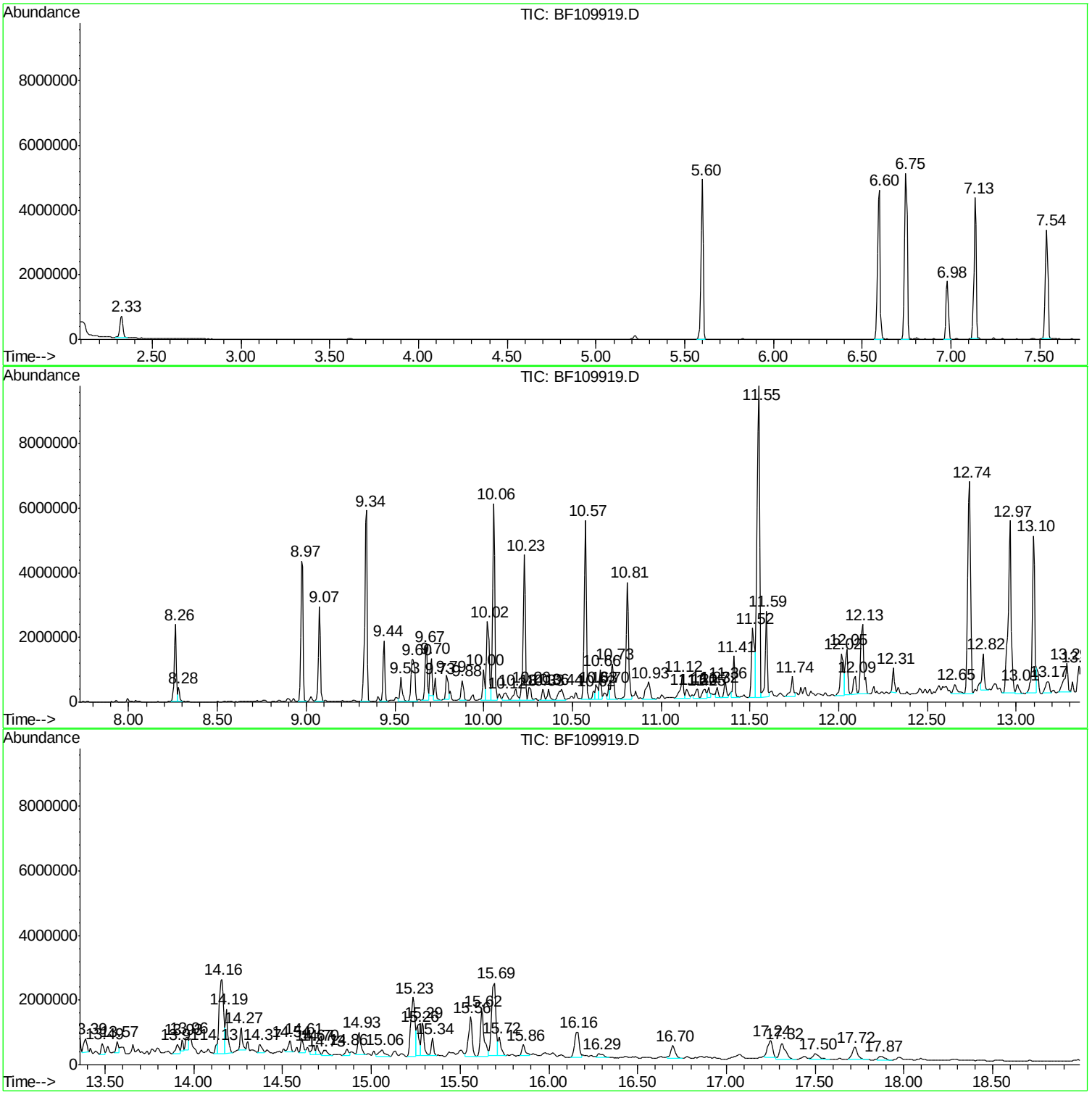
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109919.D
Acq On : 17 Oct 2018 12:52
Operator : JU/SJ
Sample : J5516-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109919.D
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Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

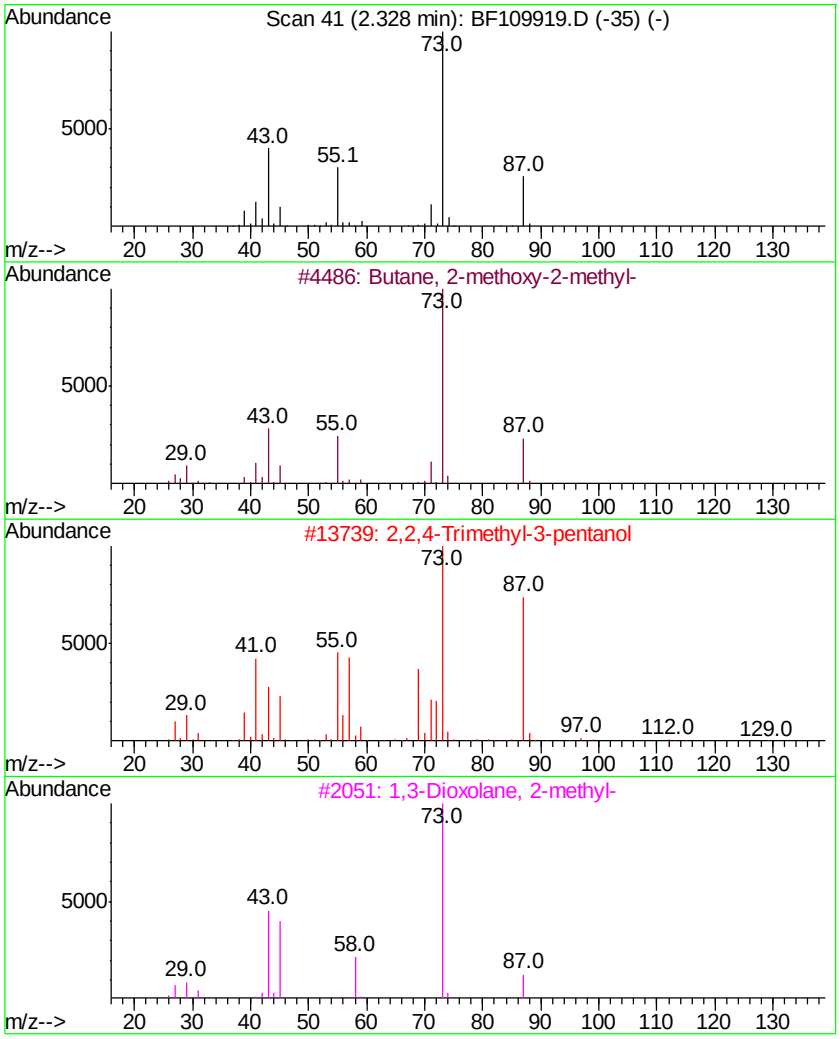
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

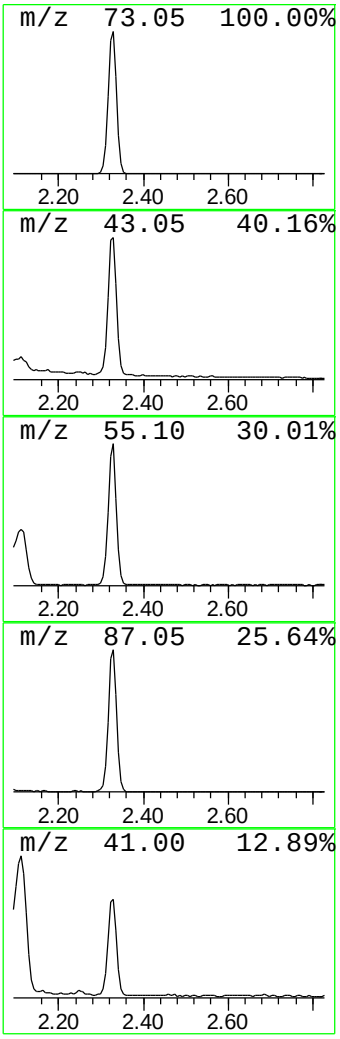
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	11.89 ng	908848	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109919.D
Acq On : 17 Oct 2018 12:52
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Sample : J5516-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

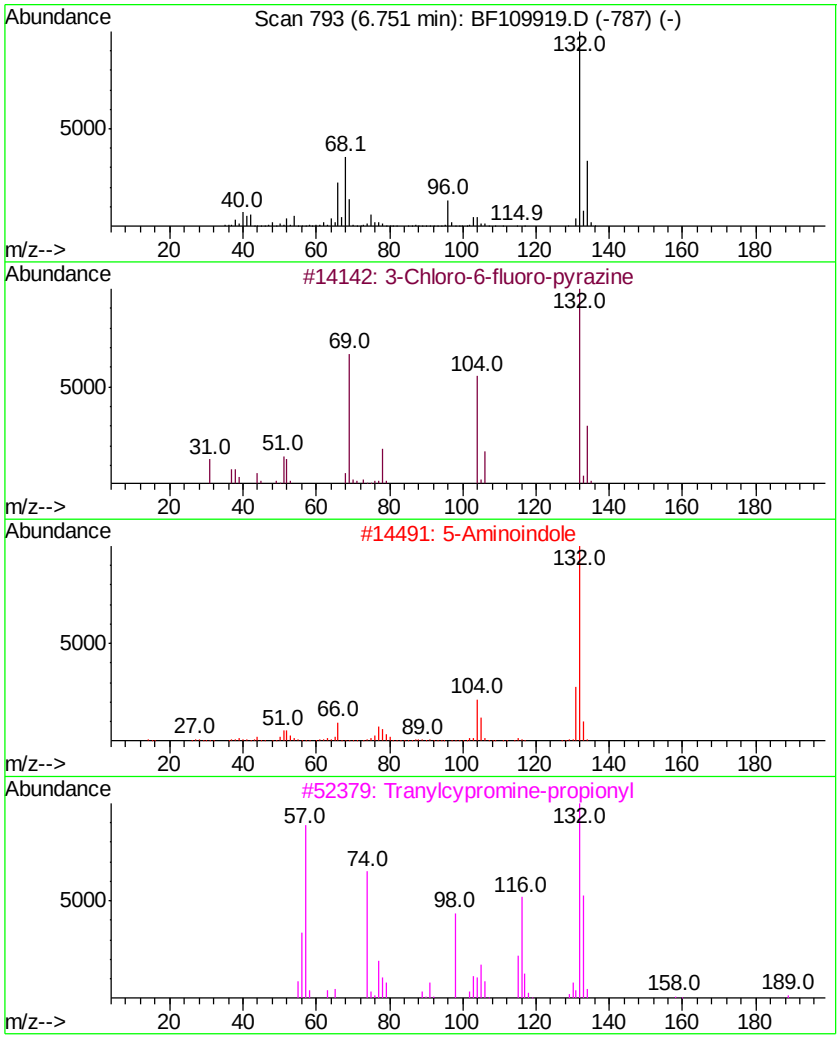
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

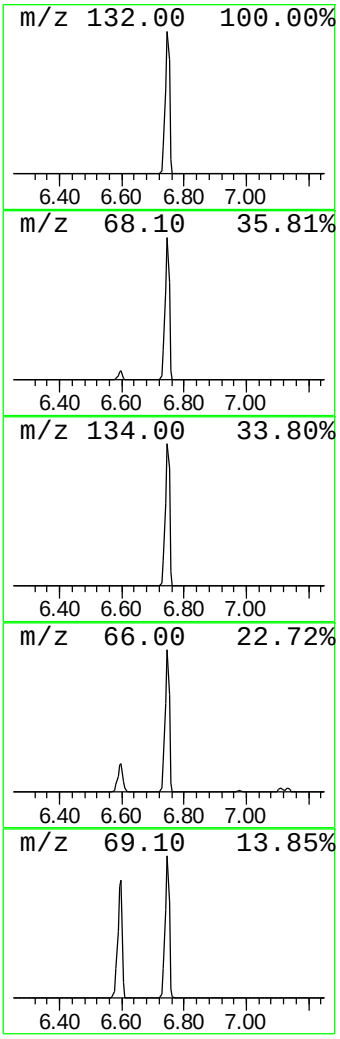
****

Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	63.53 ng	4857860	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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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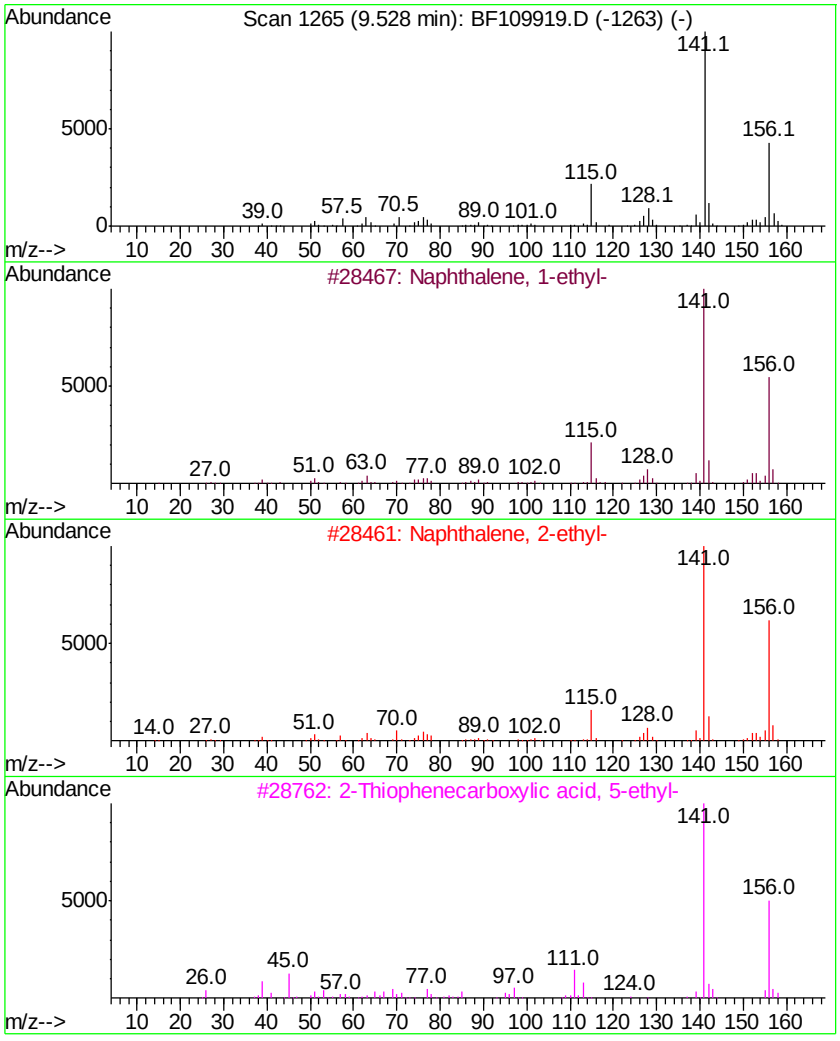
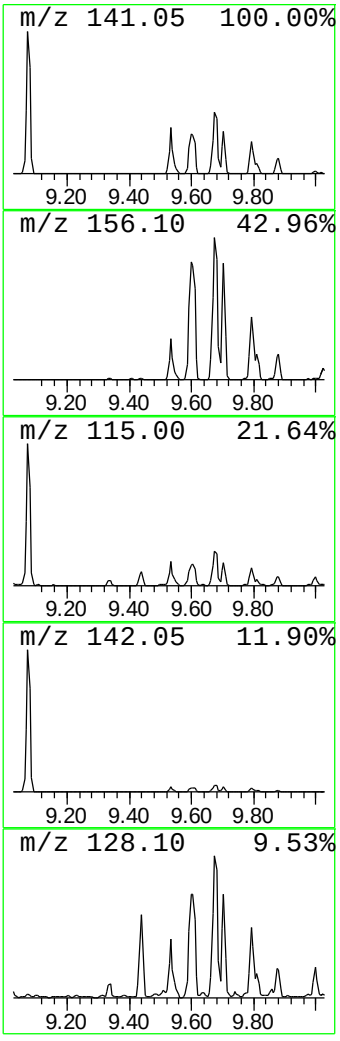
Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	6.36 ng	716068	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	59
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59





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Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

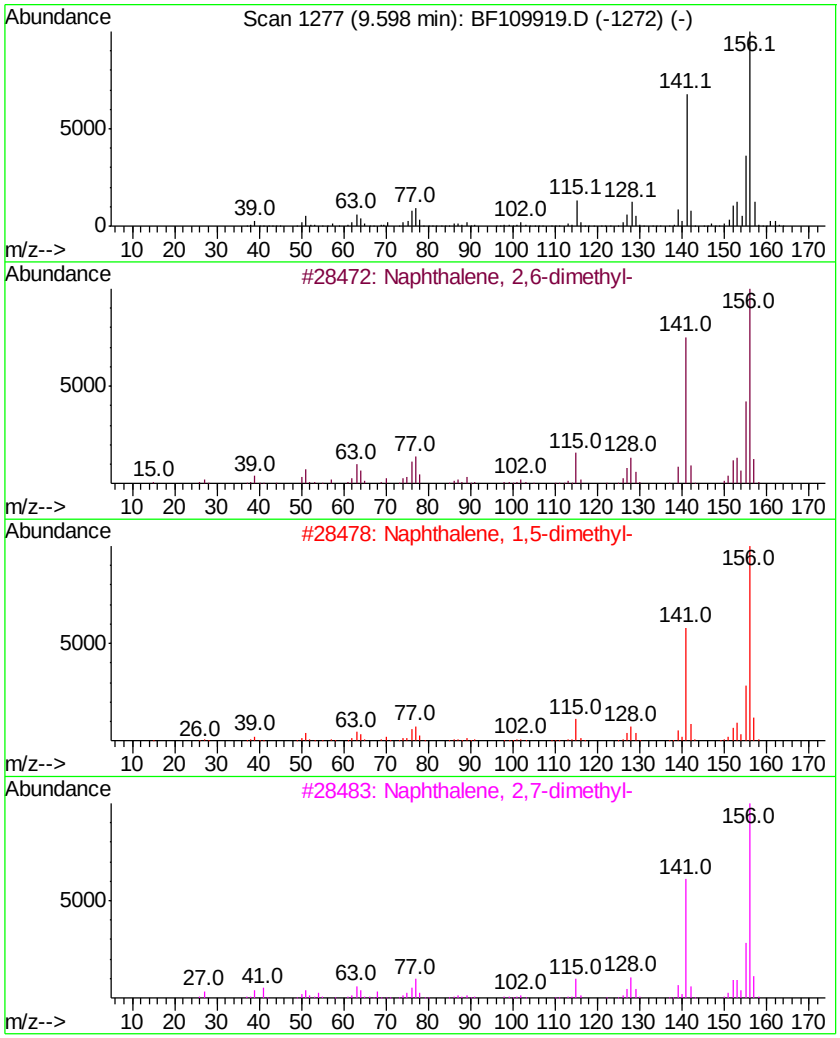
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

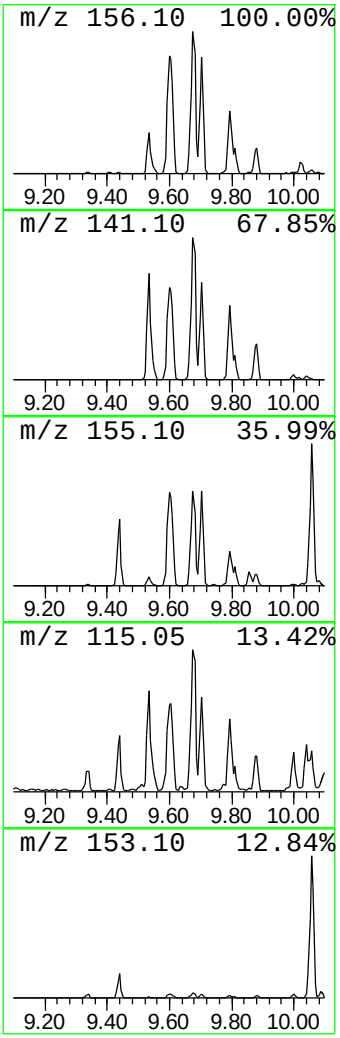
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	16.04 ng	1805920	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109919.D
Acq On : 17 Oct 2018 12:52
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Misc :
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Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

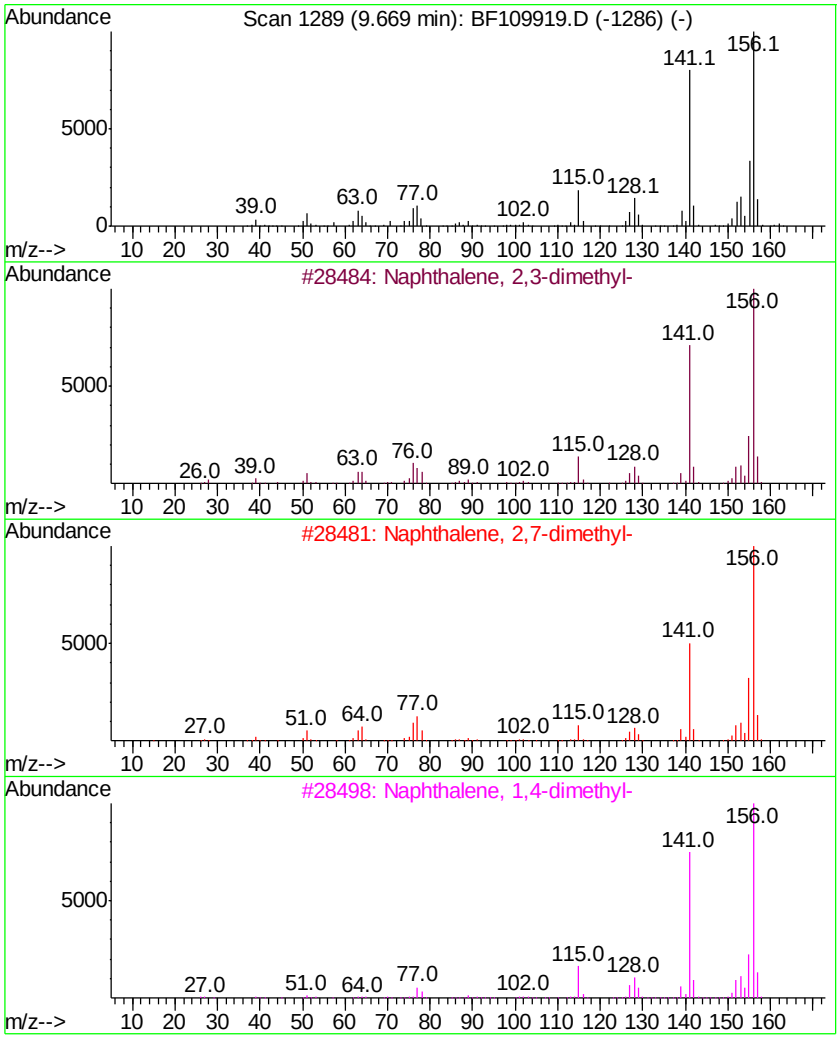
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

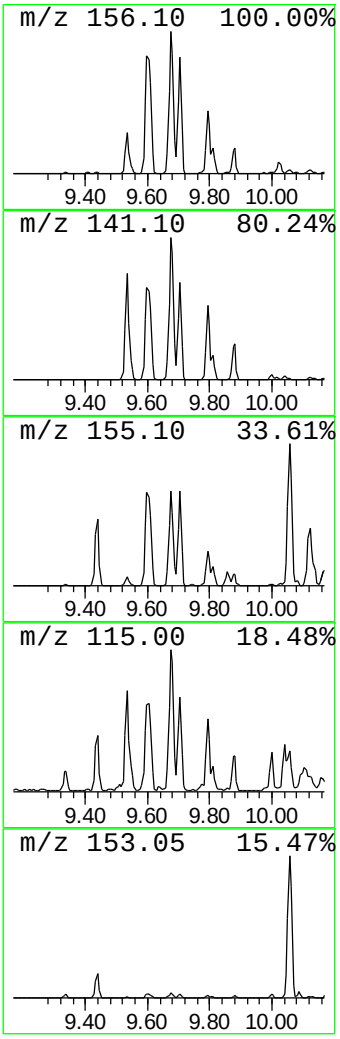
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	15.59 ng	1754680	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Library Search Compound Report

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Acq On : 17 Oct 2018 12:52
Operator : JU/SJ
Sample : J5516-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

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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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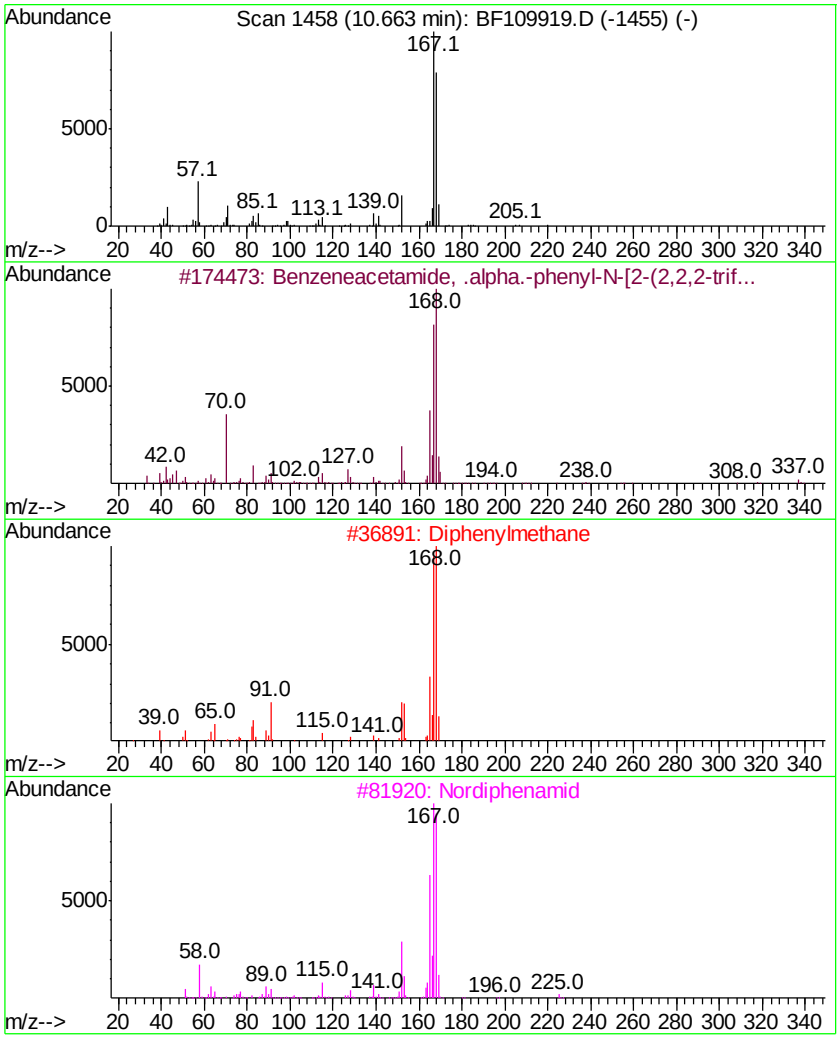
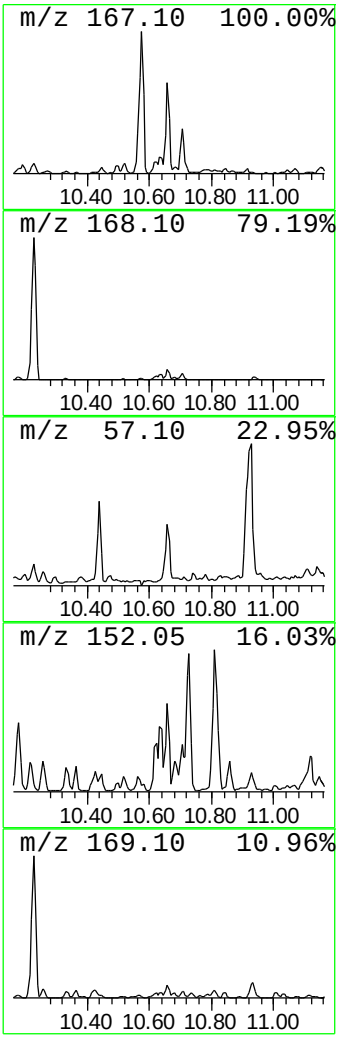
Peak Number 8 Benzeneacetamide, .alpha.-p... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	6.40 ng	720922	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3NO2	1000350-80-6	90
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	Nordiphenamid	225	C15H15NO	000954-21-2	74
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	62
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53





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ClientSampleId : SSSI-1011-S-DH-30

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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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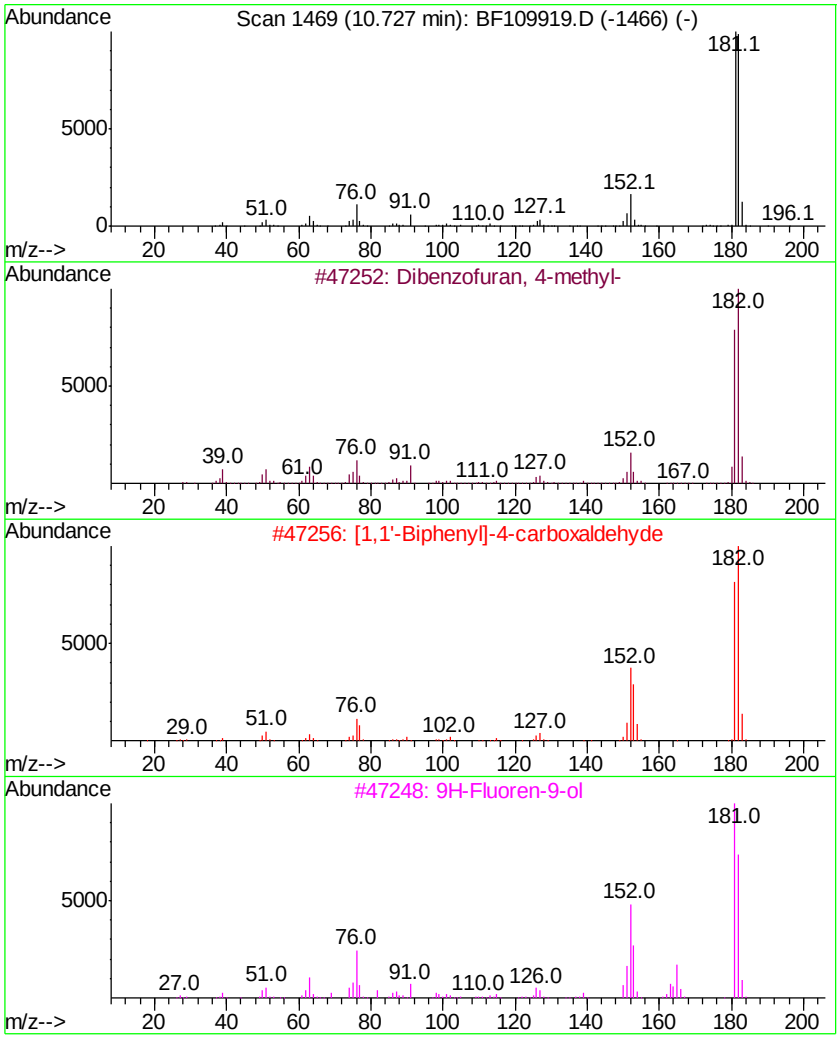
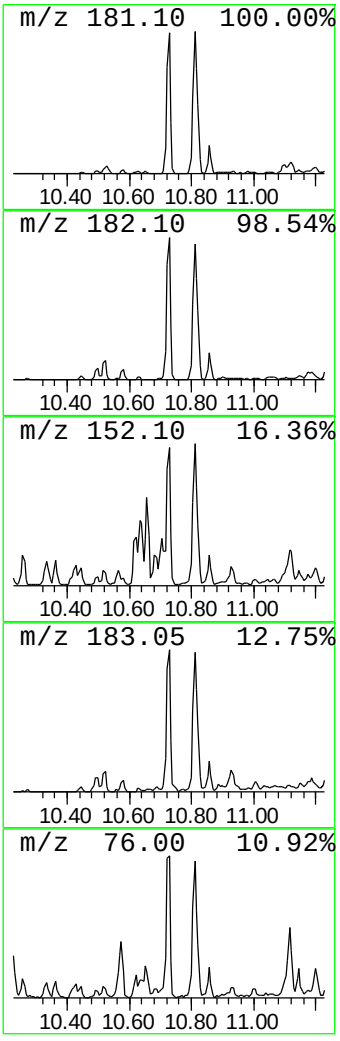
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	8.85 ng	996374	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64
5	9H-Xanthene	182	C13H10O	000092-83-1	60





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Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

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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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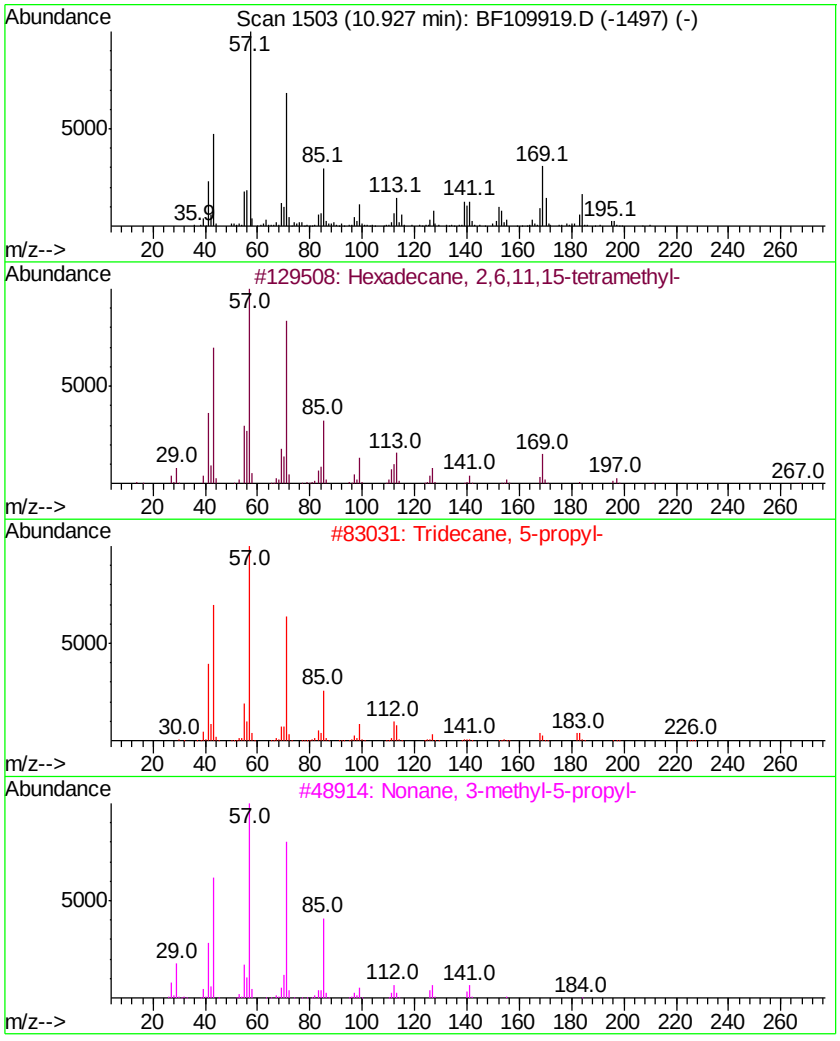
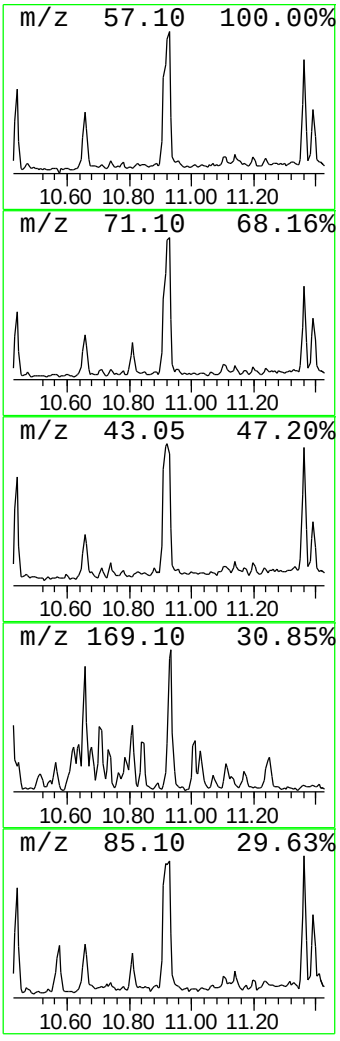
Peak Number 10 unknown10.93 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	7.14 ng	895171	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	43
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	35
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	35
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	30
5	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	30





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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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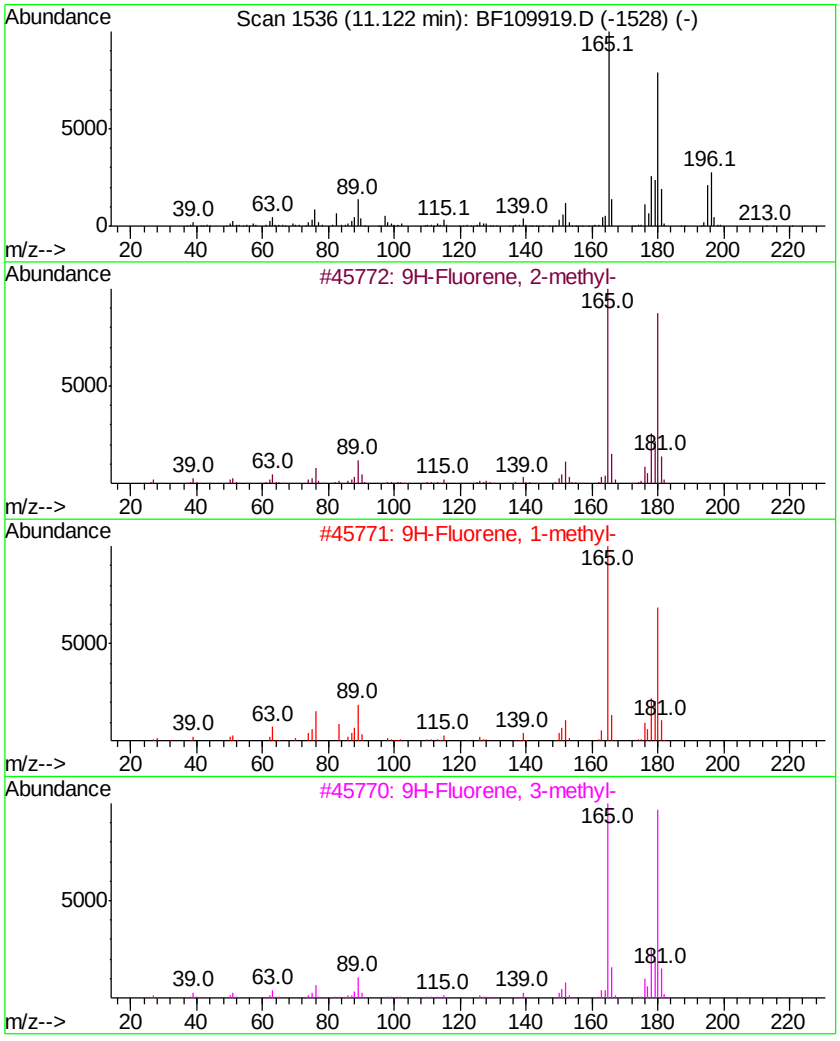
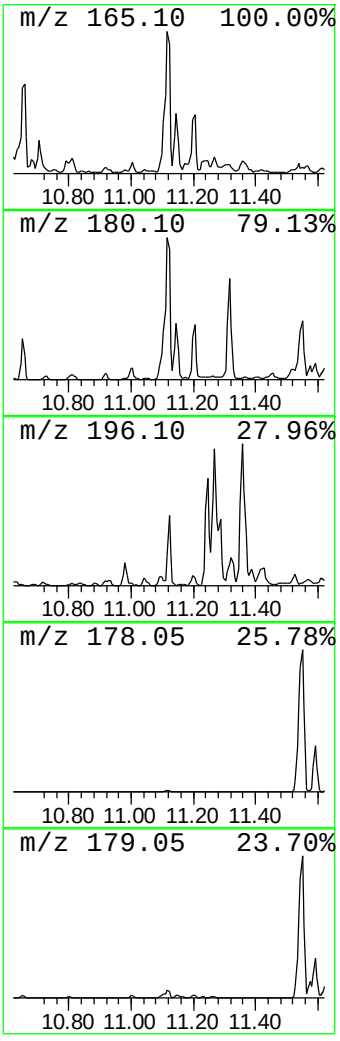
Peak Number 11 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	7.25 ng	907961	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	83





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Sample : J5516-06
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ALS Vial : 6 Sample Multiplier: 1

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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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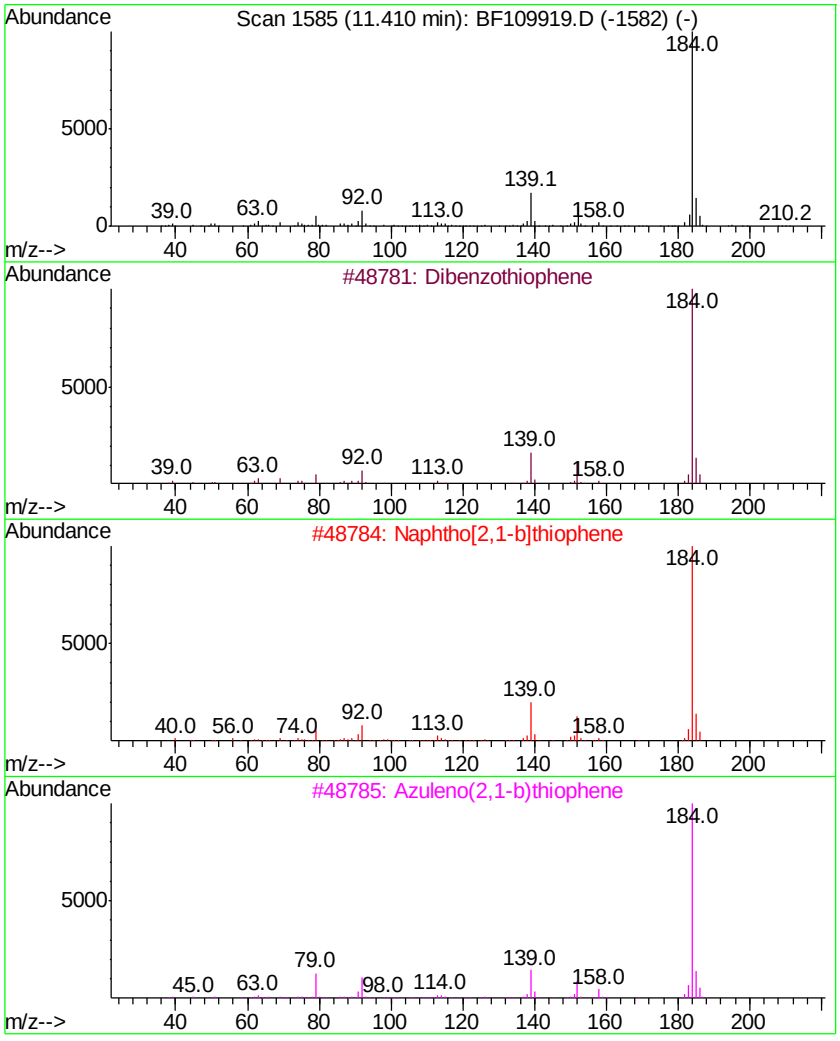
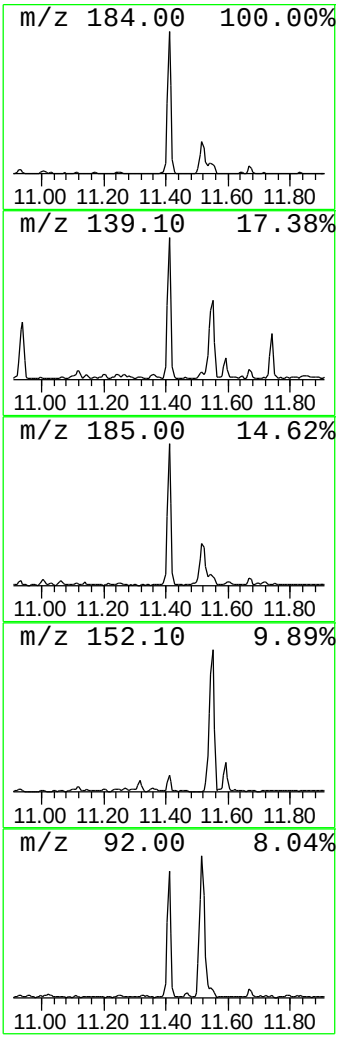
Peak Number 12 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	8.51 ng	1066300	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90





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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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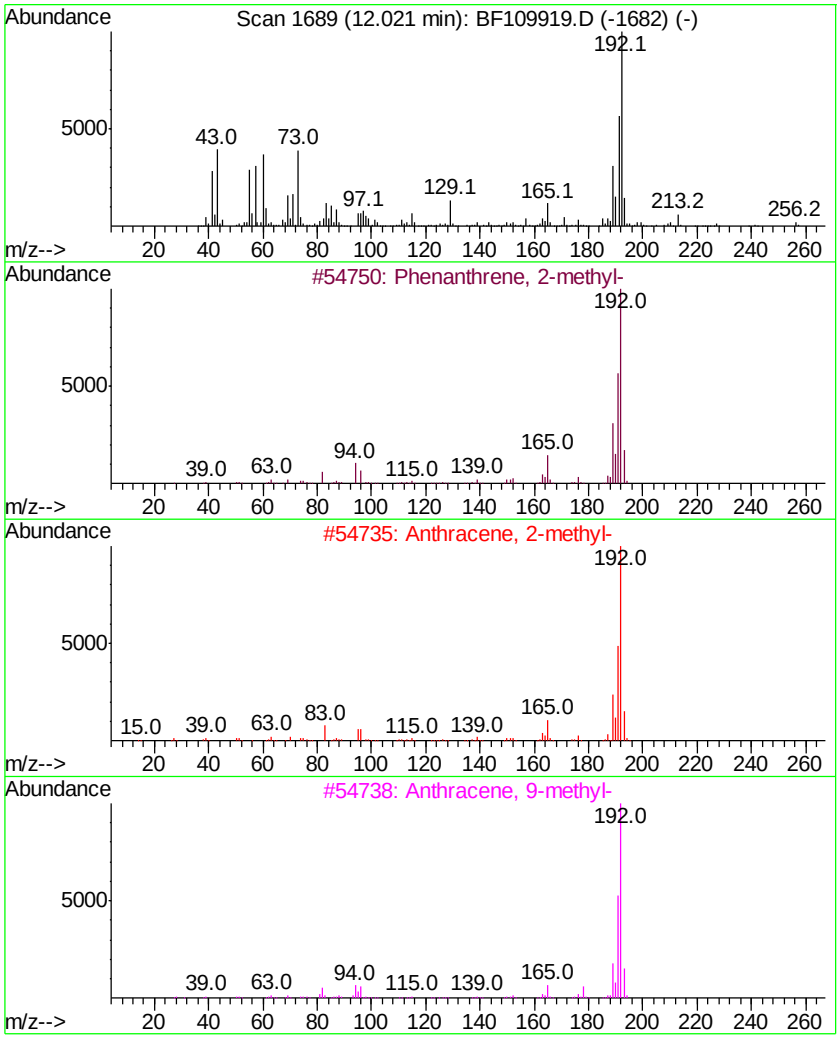
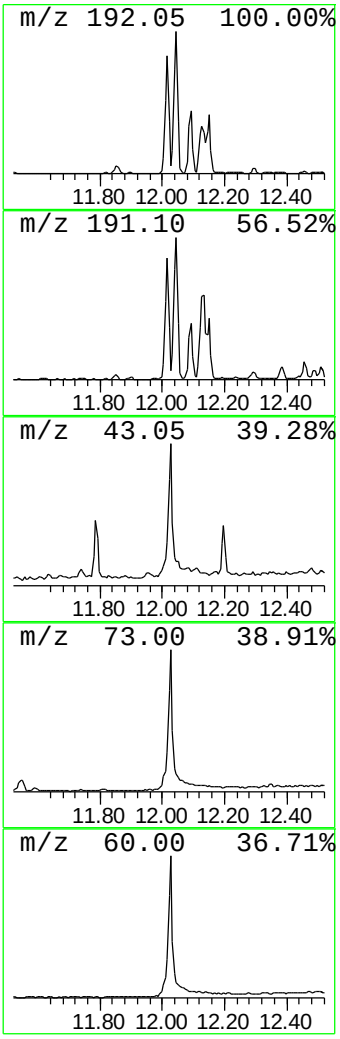
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	15.65 ng	1960260	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Misc :
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Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

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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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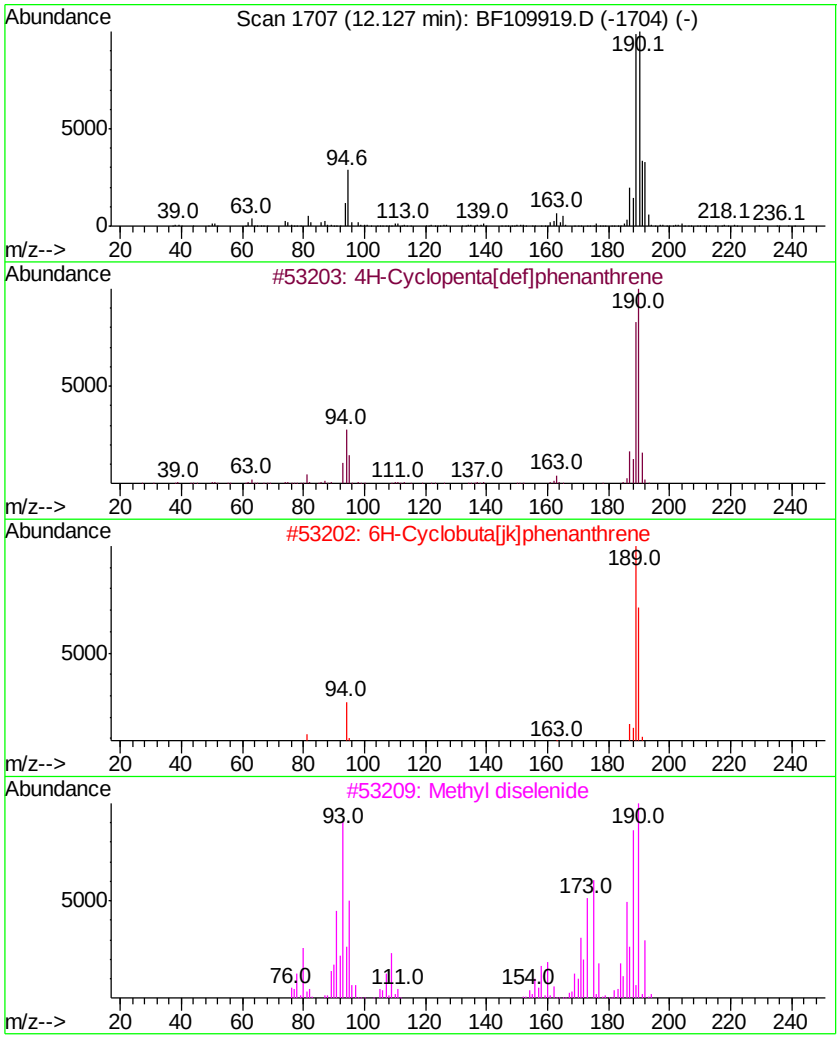
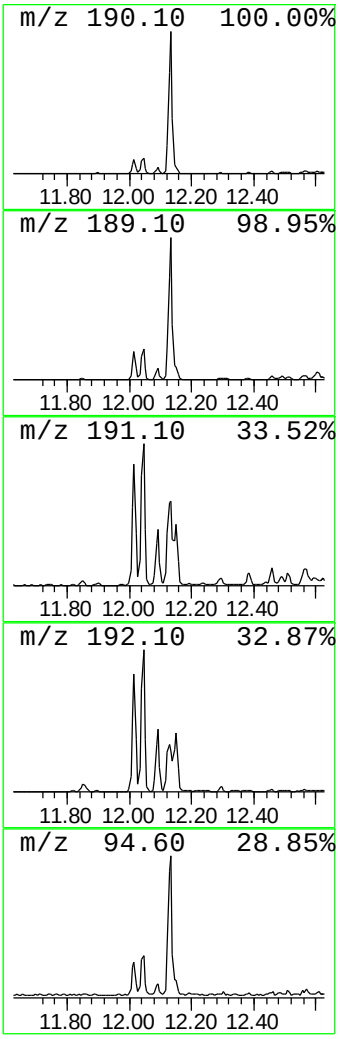
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	19.27 ng	2413860	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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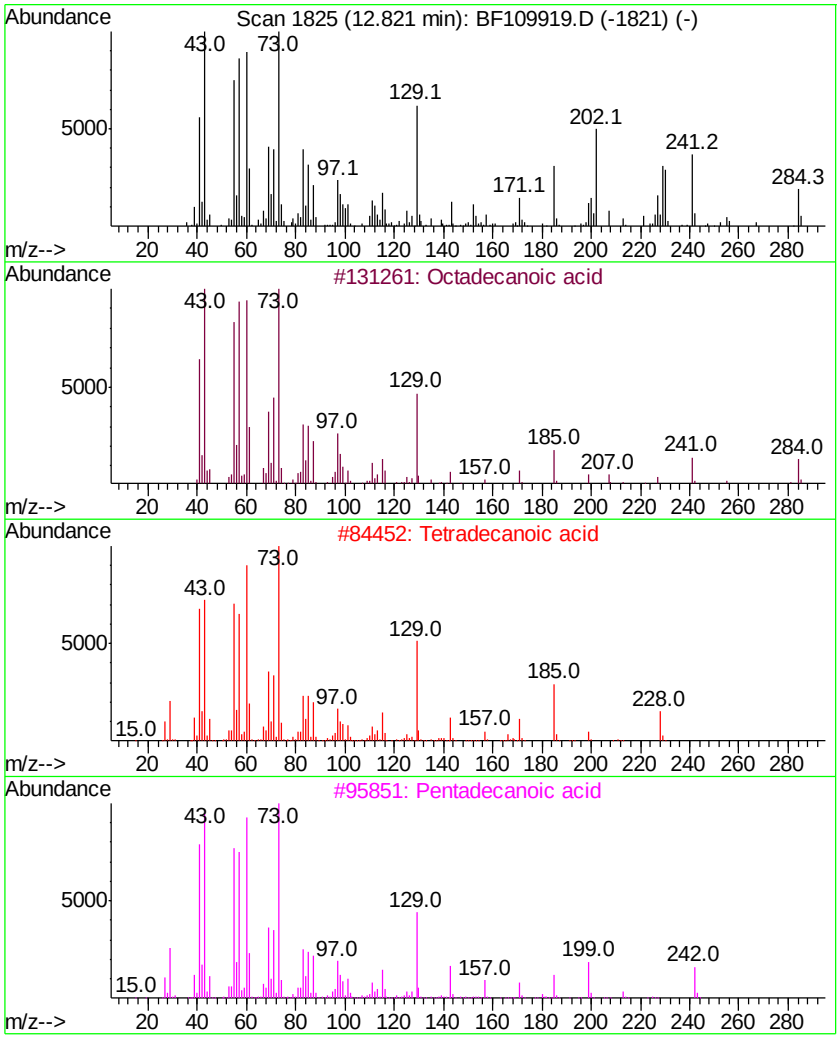
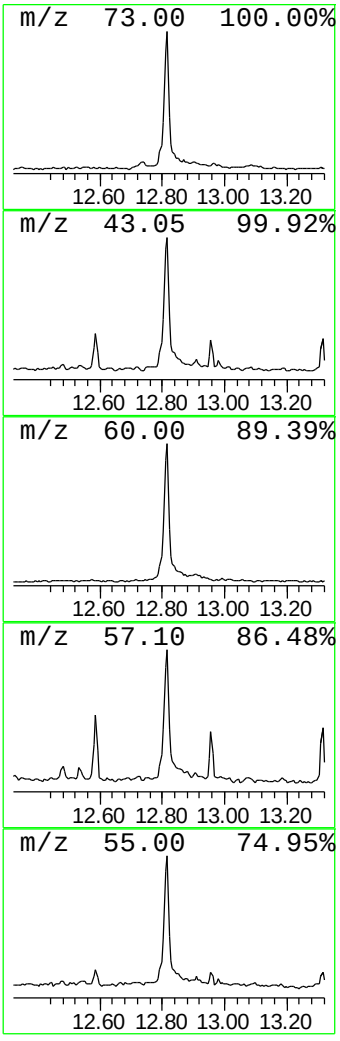
Peak Number 16 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	8.11 ng	1015680	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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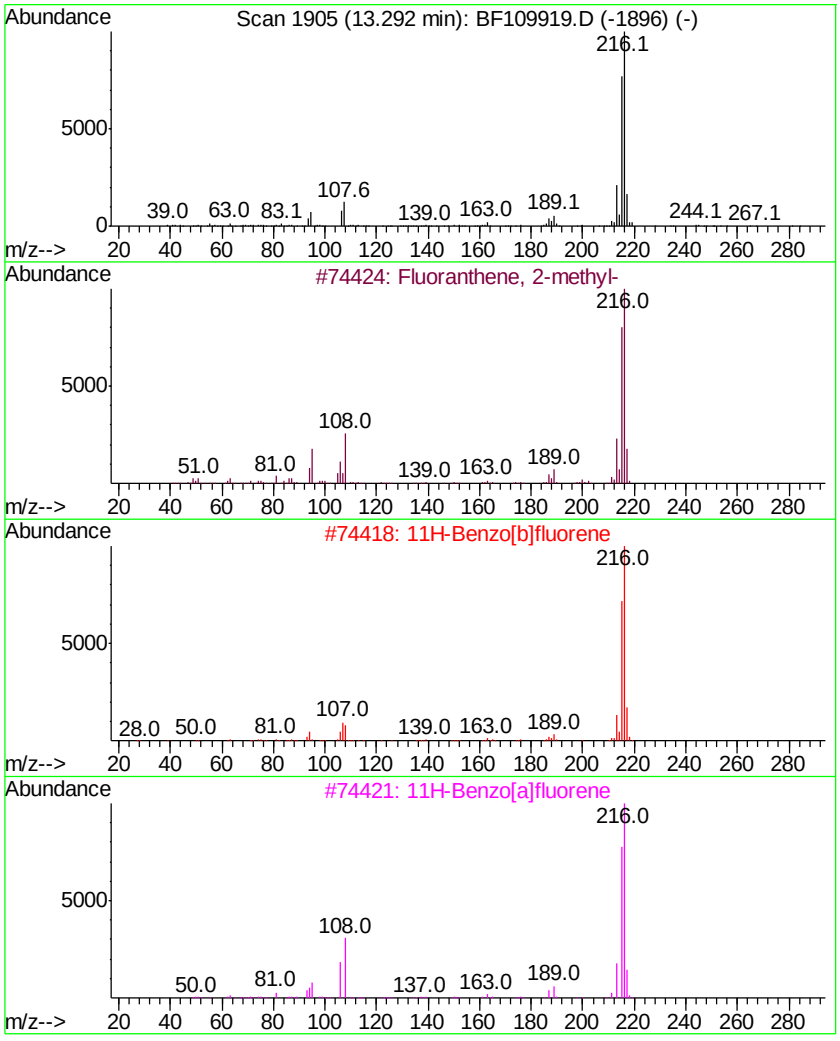
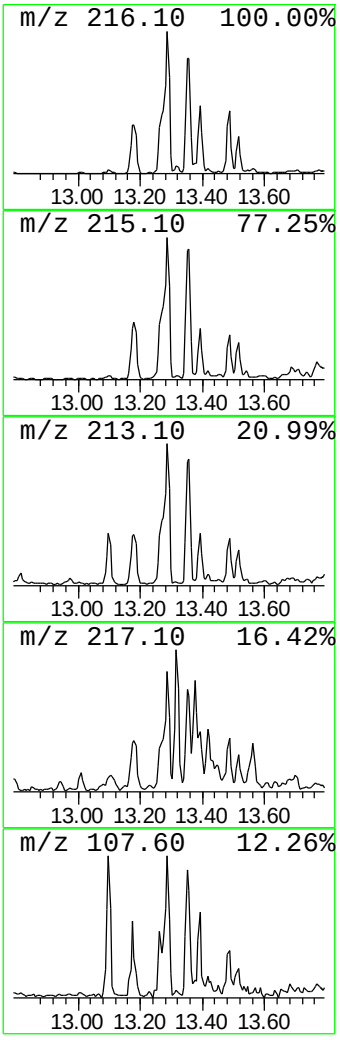
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	6.91 ng	1301260	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





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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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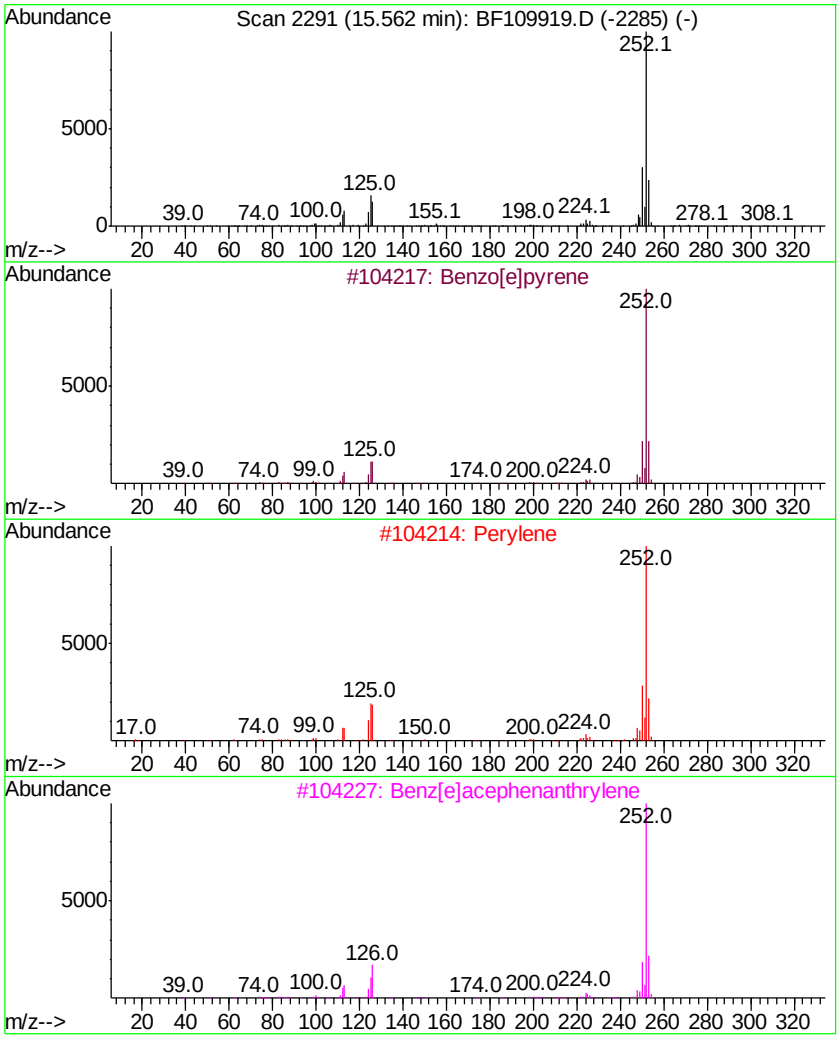
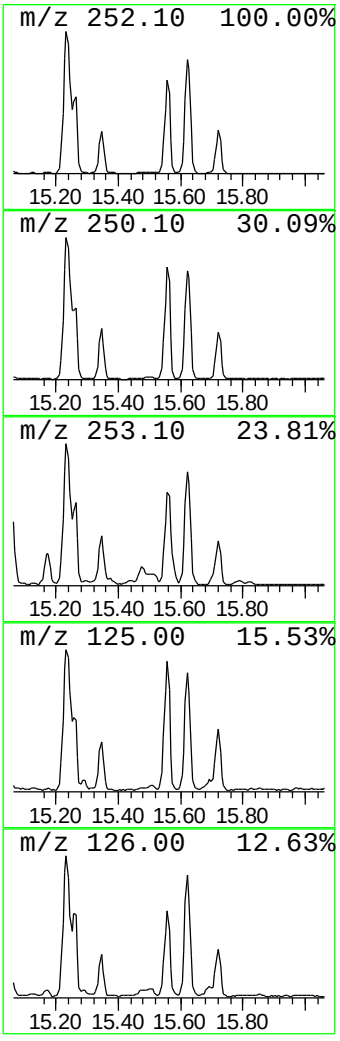
Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	9.31 ng	1633200	Perylene-d12	15.69

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	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	87





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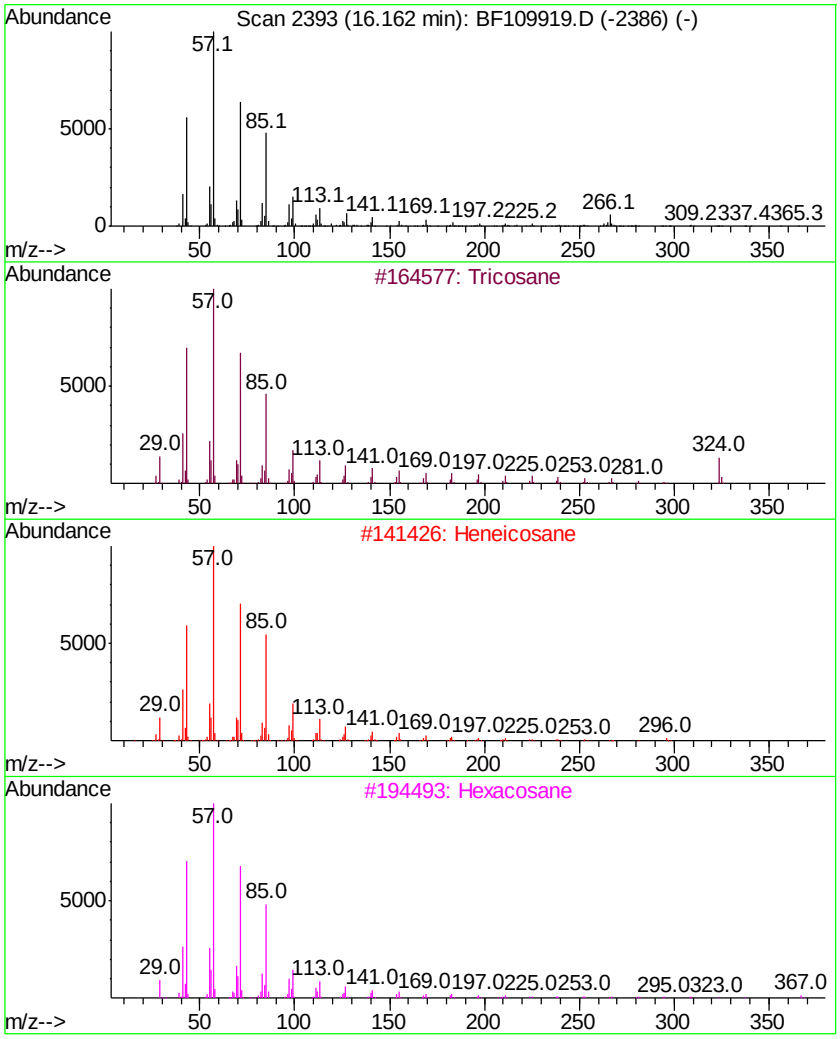
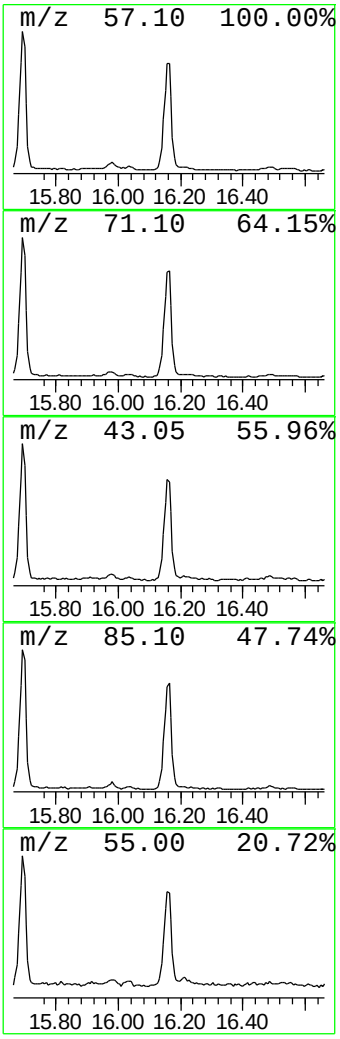
Peak Number 19 Tricosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	7.43 ng	1303760	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86





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Sample : J5516-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

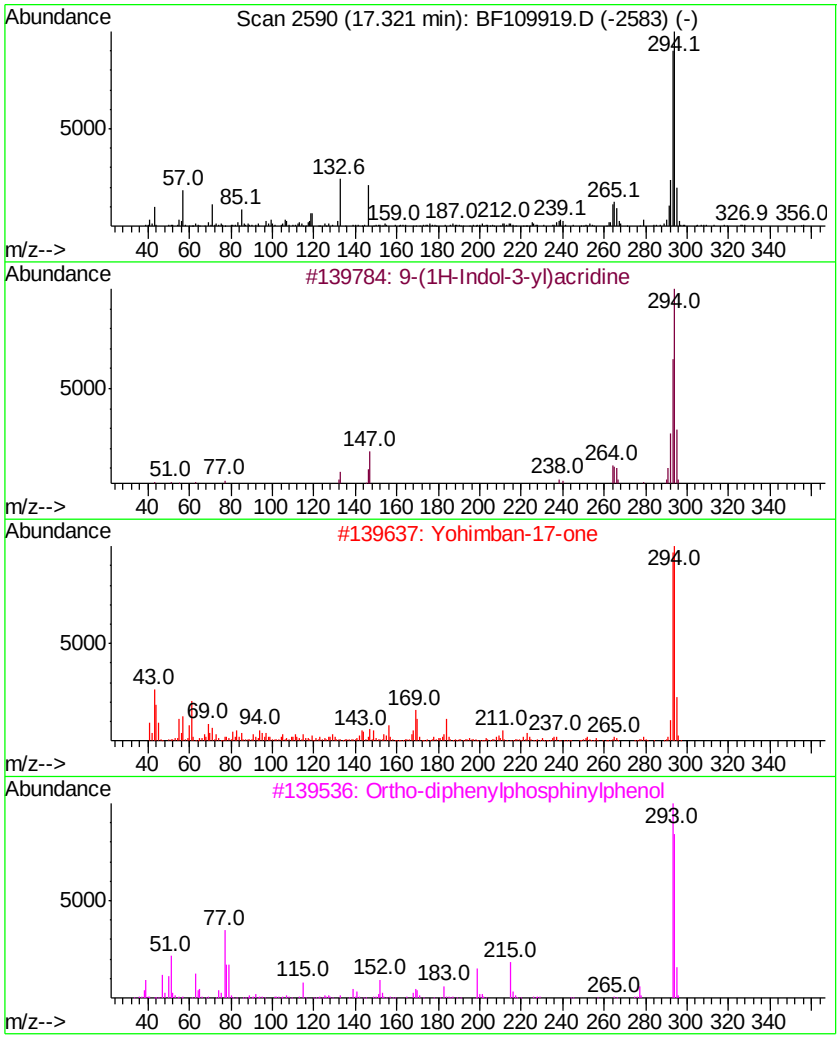
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

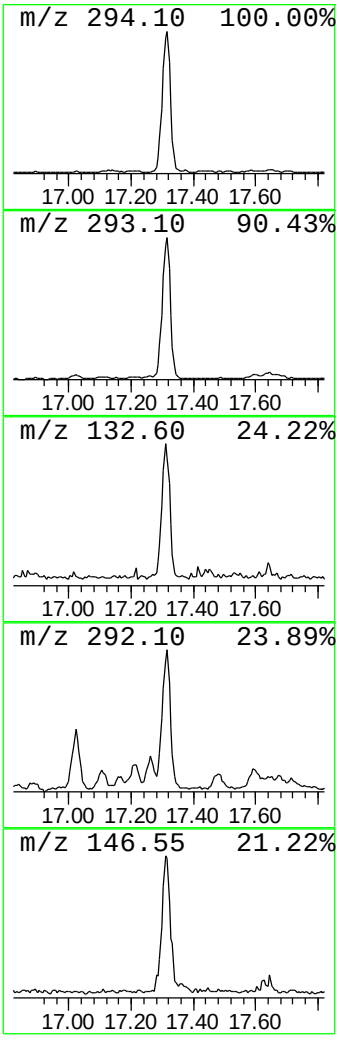
****

Peak Number 20 9-(1H-Indol-3-yl)acridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	6.74 ng	1183420	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(1H-Indol-3-yl)acridine	294	C21H14N2	1000326-84-0	83
2	Yohimban-17-one	294	C19H22N2O	000523-14-8	53
3	Ortho-diphenylphosphinylphenol	294	C18H15O2P	016522-52-4	50
4	3-Methoxydiftalone	294	C17H14N2O3	037149-76-1	43
5	2,3,9-Trimethyl-5-(triftuorometh...	294	C15H13F3N2O	1000305-51-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101718\
Data File : BF109919.D
Acq On : 17 Oct 2018 12:52
Operator : JU/SJ
Sample : J5516-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1011-S-DH-30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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
Butane, 2-methoxy...	2.33	11.9	ng	908848	1	6.98	1529330	20.0
unknown6.75	6.75	63.5	ng	4857860	1	6.98	1529330	20.0
Naphthalene, 1-et...	9.53	6.4	ng	716068	3	10.02	2251560	20.0
Naphthalene, 2,6-...	9.60	16.0	ng	1805920	3	10.02	2251560	20.0
Naphthalene, 2,3-...	9.67	15.6	ng	1754680	3	10.02	2251560	20.0
Benzeneacetamide,...	10.66	6.4	ng	720922	3	10.02	2251560	20.0
Dibenzofuran, 4-m...	10.73	8.8	ng	996374	3	10.02	2251560	20.0
unknown10.93	10.93	7.1	ng	895171	4	11.52	2505860	20.0
9H-Fluorene, 2-me...	11.12	7.3	ng	907961	4	11.52	2505860	20.0
Dibenzothiophene	11.41	8.5	ng	1066300	4	11.52	2505860	20.0
Phenanthrene, 2-m...	12.02	15.7	ng	1960260	4	11.52	2505860	20.0
4H-Cyclopenta[def...	12.13	19.3	ng	2413860	4	11.52	2505860	20.0
Octadecanoic acid	12.82	8.1	ng	1015680	4	11.52	2505860	20.0
Fluoranthene, 2-m...	13.29	6.9	ng	1301260	5	14.16	3767600	20.0
Benzo[e]pyrene	15.56	9.3	ng	1633200	6	15.69	3509100	20.0
Tricosane	16.16	7.4	ng	1303760	6	15.69	3509100	20.0
9-(1H-Indol-3-yl)...	17.32	6.7	ng	1183420	6	15.69	3509100	20.0