LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112004.D
Acq On : 10 Jan 2019 22:55
Operator : JU/SJ
Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

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-BF010719.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	5.504	577	581	590	rVB	1128976	1020281	9.42%	1.561%
2	6.040	669	672	676	rVB3	140331	166634	1.54%	0.255%
3	6.134	685	688	694	rVB3	249885	327634	3.02%	0.501%
4	6.322	715	720	725	rBV2	142332	227137	2.10%	0.347%
5	6.416	732	736	744	rBV4	231041	369096	3.41%	0.565%
6	6.510	744	752	758	rBV	1211498	1300943	12.01%	1.990%
7	6.622	767	771	772	rBV2	165707	211228	1.95%	0.323%
8	6.645	772	775	783	rVB	1210148	1348970	12.45%	2.063%
9	6.845	798	809	811	rBV4	131908	343886	3.17%	0.526%
10	6.875	811	814	822	rVV	734067	690943	6.38%	1.057%
11	6.992	832	834	837	rVV2	139757	156490	1.44%	0.239%
12	7.028	837	840	844	rVV2	1055304	1139512	10.52%	1.743%
13	7.151	859	861	865	rVB3	227096	228680	2.11%	0.350%
14	7.275	876	882	885	rBV2	328804	333239	3.08%	0.510%
15	7.304	885	887	892	rVB4	127853	163732	1.51%	0.250%
16	7.410	900	905	907	rBV3	508317	679126	6.27%	1.039%
17	7.434	907	909	911	rVV	676613	573718	5.30%	0.878%
18	7.457	911	913	916	rVV3	206090	199867	1.85%	0.306%
19	7.522	920	924	928	rVB4	328632	523359	4.83%	0.801%
20	7.569	928	932	936	rBV4	140920	279351	2.58%	0.427%
21	7.645	943	945	949	rVV2	148433	173145	1.60%	0.265%
22	7.687	949	952	955	rVB2	312354	260262	2.40%	0.398%
23	7.763	960	965	966	rBV4	201495	210962	1.95%	0.323%
24	7.781	966	968	970	rVV	291779	216523	2.00%	0.331%
25	7.804	970	972	978	rVB4	451048	404967	3.74%	0.619%
26	7.898	986	988	991	rBV	387554	374447	3.46%	0.573%
27	7.981	999	1002	1007	rBV4	218428	262562	2.42%	0.402%
28	8.028	1007	1010	1014	rBV2	213700	316061	2.92%	0.483%
29	8.157	1027	1032	1039	rBV2	774916	1169671	10.80%	1.789%
30	8.204	1039	1040	1045	rVB4	250371	344939	3.18%	0.528%
31	8.251	1045	1048	1051	rBV2	224062	212135	1.96%	0.324%
32	8.316	1056	1059	1061	rBV2	208107	195596	1.81%	0.299%
33	8.369	1064	1068	1070	rVB2	286991	380273	3.51%	0.582%
34	8.451	1079	1082	1085	rVB4	423847	426251	3.94%	0.652%

LSC Area Percent Report

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Acq On : 10 Jan 2019 22:55
Operator : JU/SJ
Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.545	1094	1098	1101	rVB5	245410	293574	2.71%	0.449%
36	8.586	1101	1105	1107	rBV	1041935	1009068	9.32%	1.543%
37	8.628	1110	1112	1114	rVB2	217332	174840	1.61%	0.267%
38	8.663	1115	1118	1121	rBV2	399497	368094	3.40%	0.563%
39	8.704	1121	1125	1127	rBV4	244915	262197	2.42%	0.401%
40	8.822	1142	1145	1147	rVV2	296633	235659	2.18%	0.360%
41	8.851	1147	1150	1152	rVB4	216432	248768	2.30%	0.381%
42	8.939	1162	1165	1168	rBV5	177504	292386	2.70%	0.447%
43	8.981	1170	1172	1175	rVB	254620	215265	1.99%	0.329%
44	9.069	1185	1187	1190	rVB	316687	263788	2.44%	0.403%
45	9.181	1203	1206	1211	rVB	1094066	1002496	9.26%	1.533%
46	9.228	1211	1214	1217	rVB	888526	790048	7.29%	1.208%
47	9.322	1226	1230	1234	rBV5	277391	403510	3.73%	0.617%
48	9.386	1239	1241	1243	rVV	238989	207132	1.91%	0.317%
49	9.504	1257	1261	1264	rVB	321021	329666	3.04%	0.504%
50	9.575	1270	1273	1275	rVV	356769	274630	2.54%	0.420%
51	9.598	1275	1277	1279	rVB2	206359	159663	1.47%	0.244%
52	9.639	1279	1284	1286	rBV3	954453	1046863	9.67%	1.601%
53	9.692	1290	1293	1298	rBV4	210818	238681	2.20%	0.365%
54	9.775	1305	1307	1312	rBV3	159549	235605	2.18%	0.360%
55	9.916	1324	1331	1334	rBV	729437	823742	7.61%	1.260%
56	9.951	1334	1337	1340	rVB2	214799	200125	1.85%	0.306%
57	10.022	1346	1349	1352	rBV	181990	213394	1.97%	0.326%
58	10.116	1361	1365	1369	rVB2	347166	380301	3.51%	0.582%
59	10.157	1369	1372	1374	rBV	193603	197610	1.82%	0.302%
60	10.233	1382	1385	1387	rBV2	203852	209083	1.93%	0.320%
61	10.257	1387	1389	1392	rVV	186371	189180	1.75%	0.289%
62	10.322	1396	1400	1406	rVB4	168197	309510	2.86%	0.473%
63	10.463	1420	1424	1430	rBV4	288942	394449	3.64%	0.603%
64	10.563	1436	1441	1445	rVV2	308290	419170	3.87%	0.641%
65	10.616	1447	1450	1454	rVB3	141787	191405	1.77%	0.293%
66	10.704	1459	1465	1468	rBV	731650	703437	6.49%	1.076%
67	10.828	1482	1486	1490	rBV	539137	556808	5.14%	0.852%
68	11.298	1563	1566	1571	rVB	348880	374396	3.46%	0.573%
69	11.404	1580	1584	1585	rBV	721713	646419	5.97%	0.989%
70	11.427	1585	1588	1591	rVV	1534806	1289063	11.90%	1.972%
71	11.645	1620	1625	1630	rBV4	111271	191903	1.77%	0.294%

LSC Area Percent Report

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Acq On : 10 Jan 2019 22:55
Operator : JU/SJ
Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.733	1635	1640	1646	rBV5	139582	203195	1.88%	0.311%
73	11.792	1646	1650	1653	rBV	3159985	2482041	22.92%	3.796%
74	11.904	1666	1669	1671	rBV	395018	316103	2.92%	0.483%
75	11.933	1671	1674	1679	rVB	524605	482979	4.46%	0.739%
76	12.016	1685	1688	1690	rVV2	410585	413750	3.82%	0.633%
77	12.039	1690	1692	1696	rVB	246770	207509	1.92%	0.317%
78	12.110	1700	1704	1707	rBV3	168469	210028	1.94%	0.321%
79	12.198	1716	1719	1721	rBV2	279972	260423	2.40%	0.398%
80	12.222	1721	1723	1727	rVB2	200311	208764	1.93%	0.319%
81	12.351	1741	1745	1747	rVB	881961	797339	7.36%	1.220%
82	12.380	1747	1750	1752	rBV	240433	207917	1.92%	0.318%
83	12.457	1760	1763	1764	rBV	377648	363277	3.35%	0.556%
84	12.486	1764	1768	1770	rVV	6533764	8148688	75.23%	12.464%
85	12.516	1770	1773	1781	rVB	10051179	10831214	100.00%	16.567%
86	12.586	1781	1785	1788	rBV	1485919	1297474	11.98%	1.985%
87	12.622	1788	1791	1795	rVB	1385908	1187502	10.96%	1.816%
88	12.663	1795	1798	1800	rBV2	342498	308151	2.85%	0.471%
89	12.851	1825	1830	1833	rBV	1198212	1151647	10.63%	1.762%
90	12.910	1837	1840	1843	rVB2	270958	287843	2.66%	0.440%
91	12.986	1850	1853	1856	rVB	1001357	814176	7.52%	1.245%
92	13.063	1863	1866	1874	rBV5	177770	421997	3.90%	0.645%
93	13.127	1874	1877	1880	rVV	608620	590405	5.45%	0.903%
94	13.180	1883	1886	1888	rVB	254110	251773	2.32%	0.385%
95	13.280	1901	1903	1906	rVB	230233	179235	1.65%	0.274%
96	13.404	1920	1924	1933	rVB5	366199	778595	7.19%	1.191%
97	14.045	2029	2033	2036	rBV2	725784	949653	8.77%	1.453%
98	14.068	2036	2037	2041	rVB	433847	318114	2.94%	0.487%
99	15.092	2208	2211	2219	rVB	263052	522965	4.83%	0.800%
100	15.527	2282	2285	2296	rVB2	369581	612389	5.65%	0.937%

Sum of corrected areas: 65378694

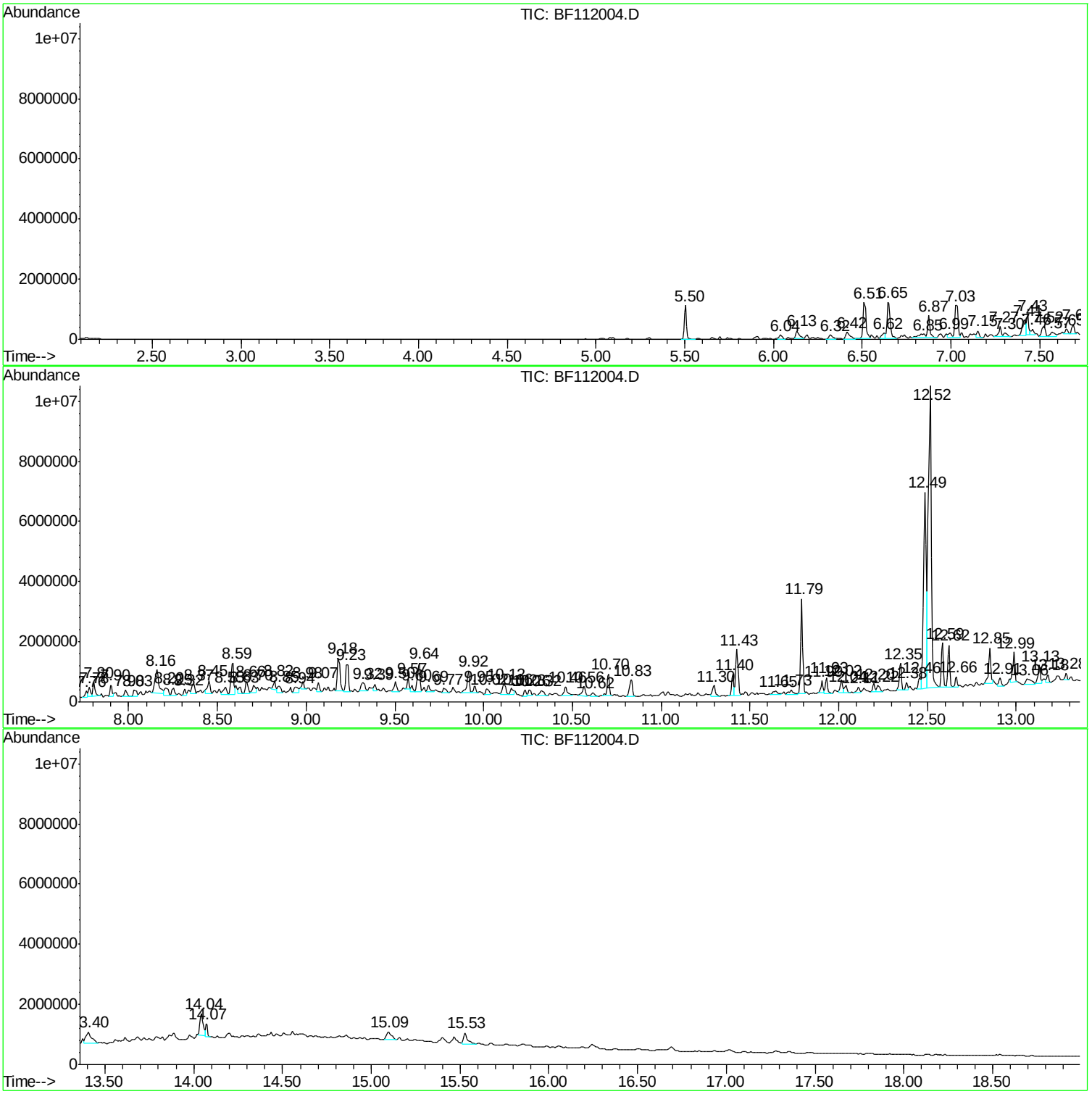
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112004.D
Acq On : 10 Jan 2019 22:55
Operator : JU/SJ
Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-15(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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\BF011019\
Data File : BF112004.D
Acq On : 10 Jan 2019 22:55
Operator : JU/SJ
Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

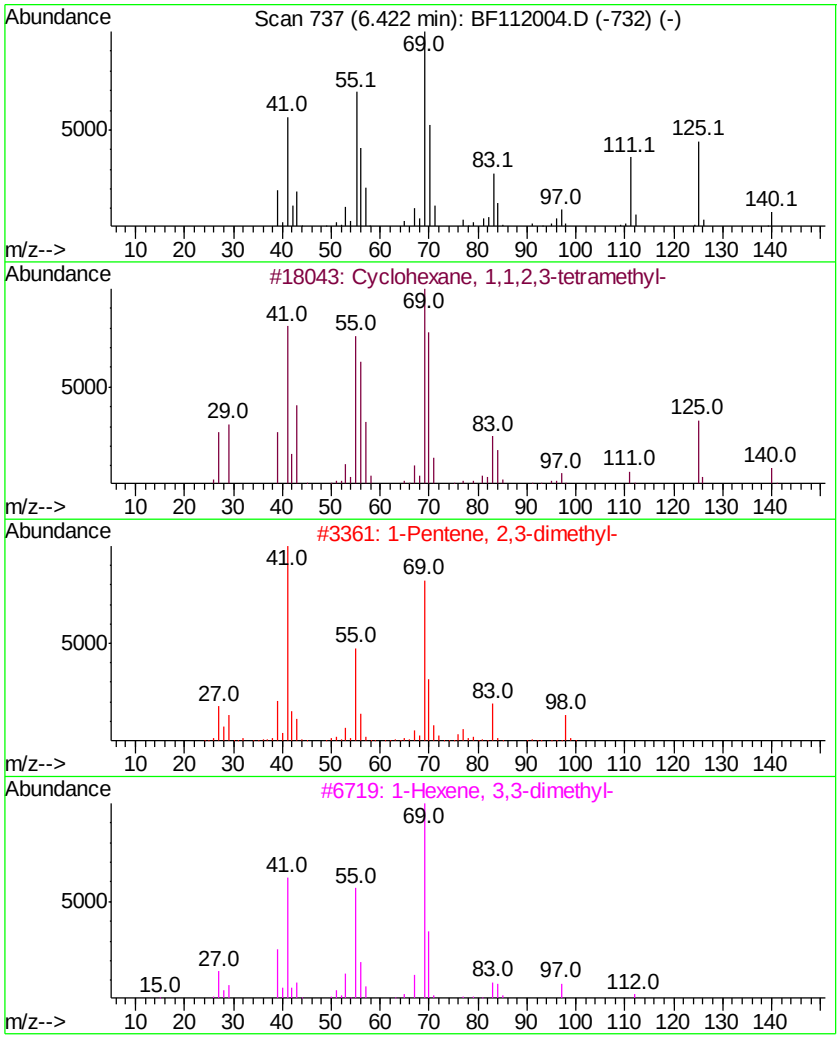
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

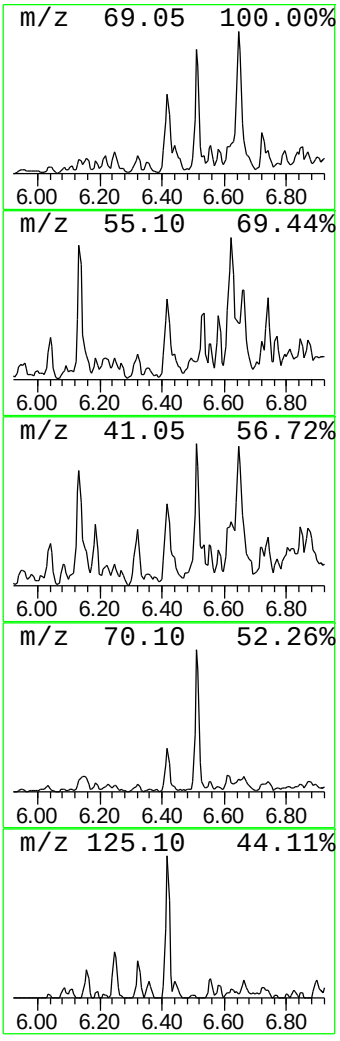
****

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	10.68 ng	369096	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	46
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
4	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	43
5	3-Ethyl-4-octene	140	C10H20	019781-32-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
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Acq On : 10 Jan 2019 22:55
Operator : JU/SJ
Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

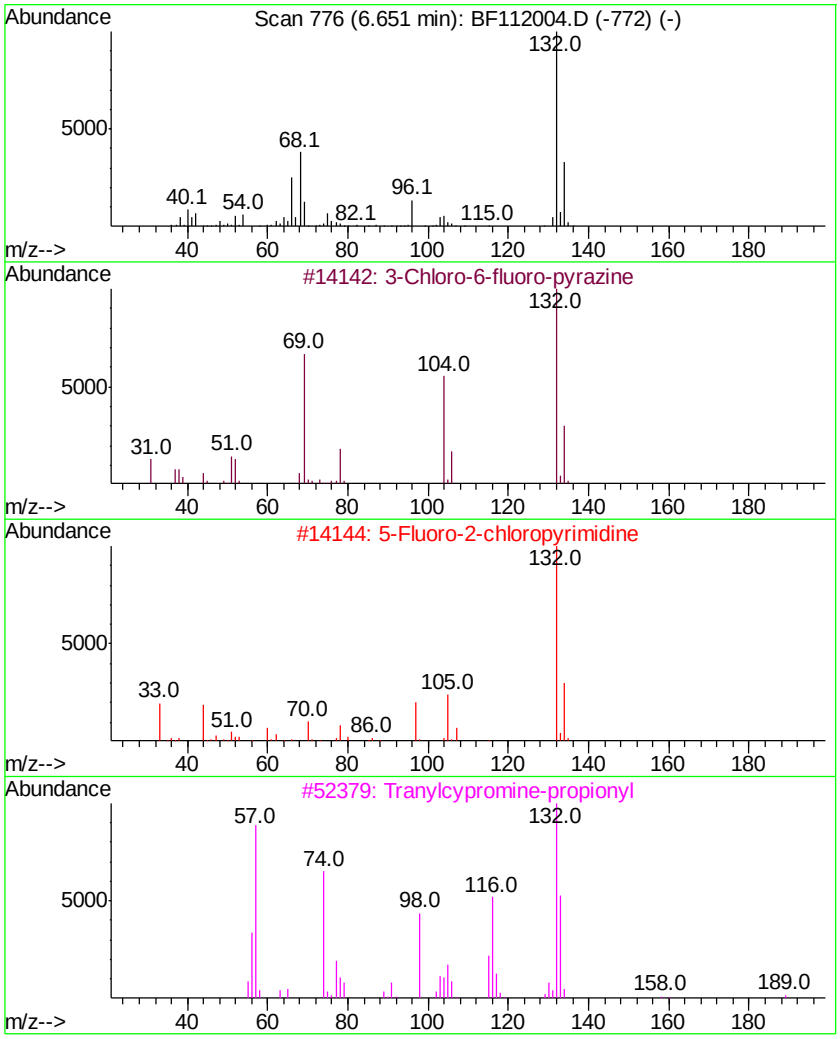
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

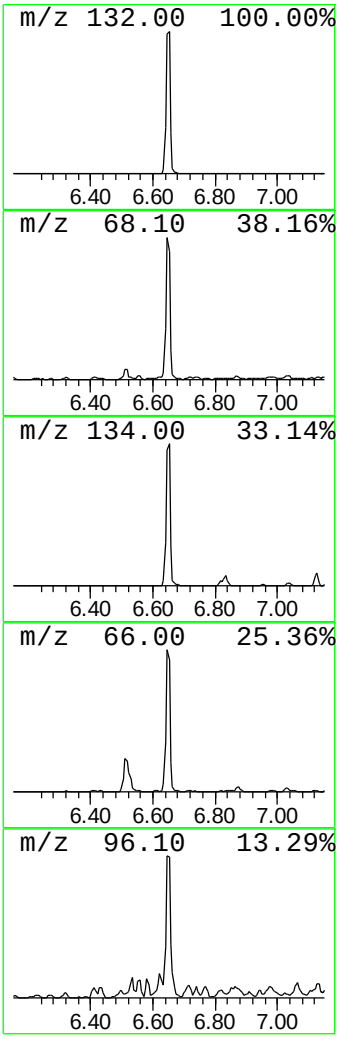
****

Peak Number 2 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	39.05 ng	1348970	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
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Misc :
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Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

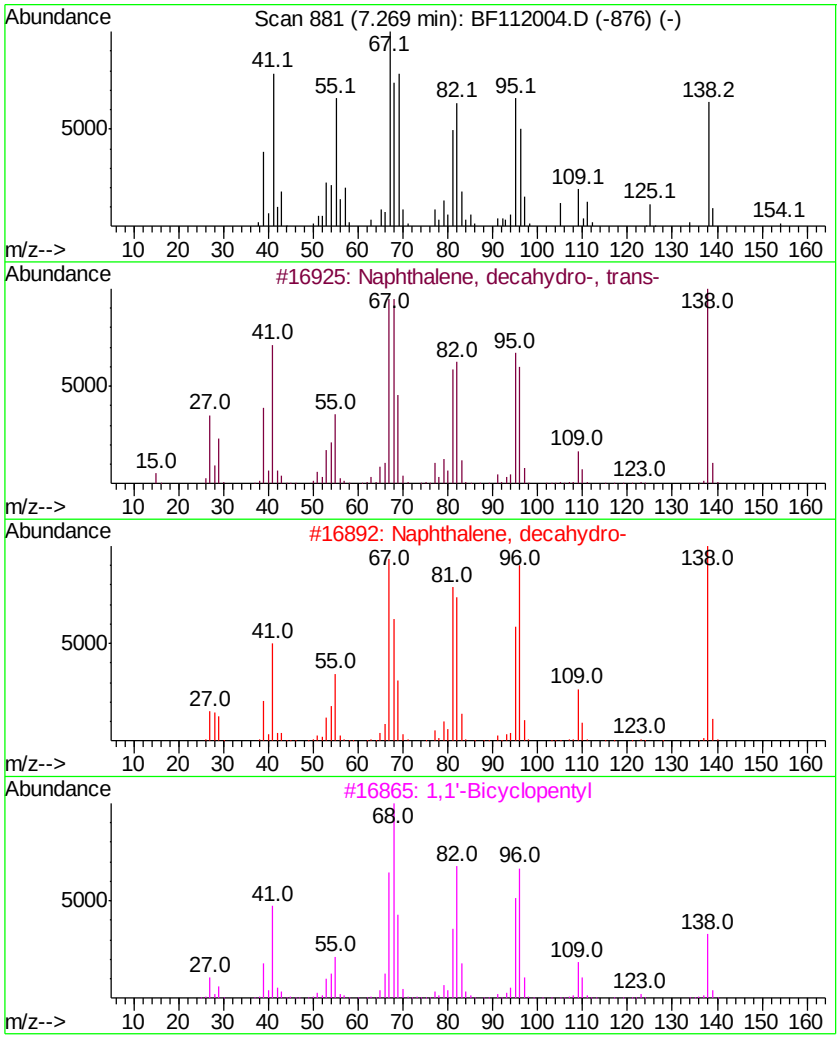
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

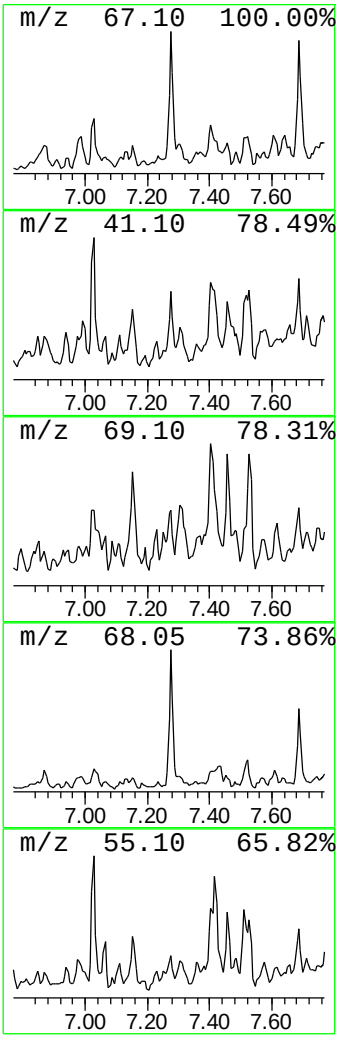
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	9.65 ng	333239	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	81
4	Spiro[4.5]decane	138	C10H18	000176-63-6	76
5	Bicyclo[5.3.0]decane	138	C10H18	005661-80-3	68





Library Search Compound Report

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Data File : BF112004.D
Acq On : 10 Jan 2019 22:55
Operator : JU/SJ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

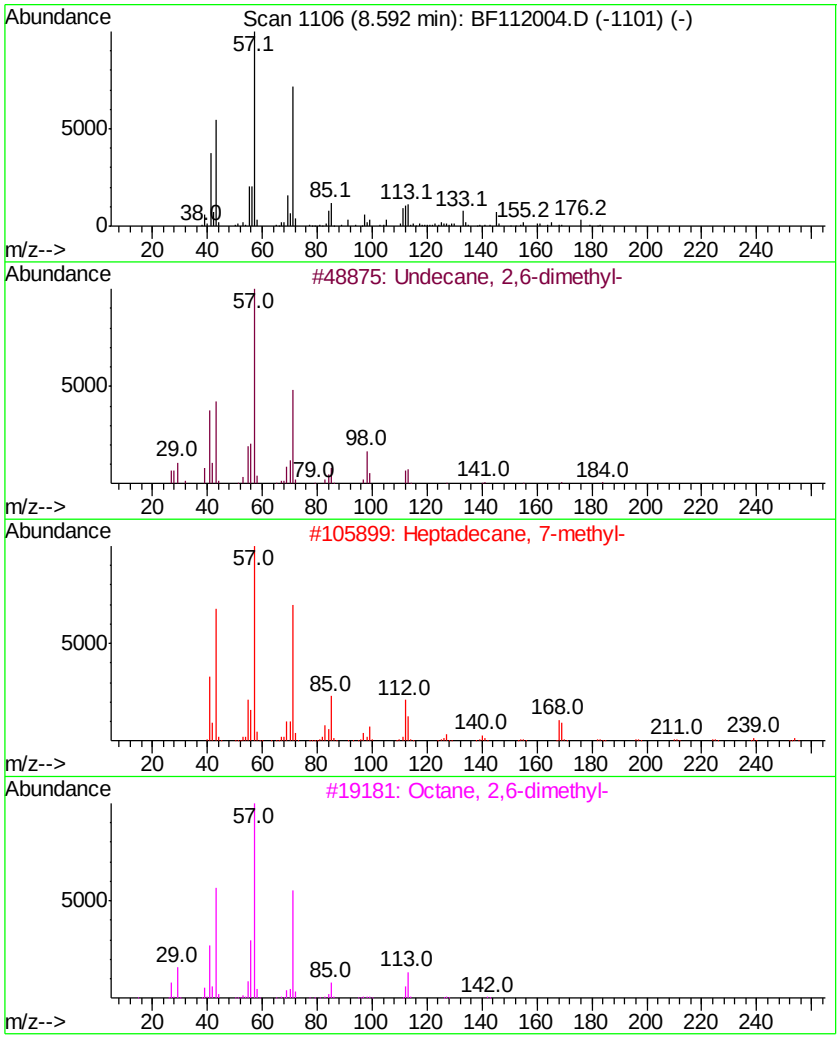
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

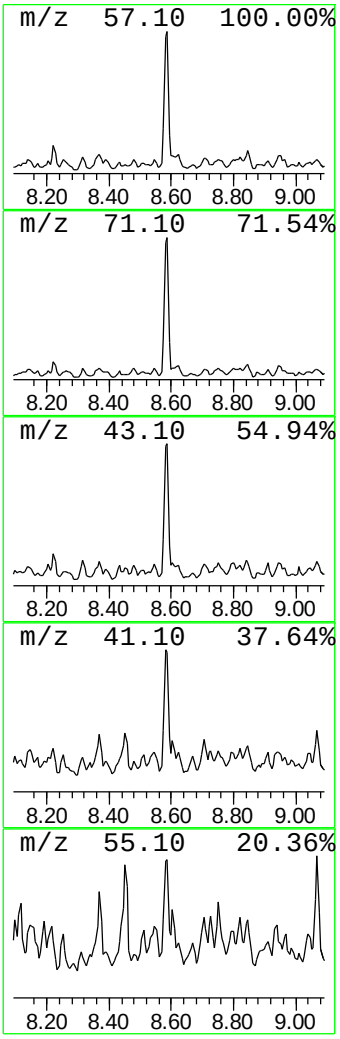
****

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	17.25 ng	1009070	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112004.D
Acq On : 10 Jan 2019 22:55
Operator : JU/SJ
Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

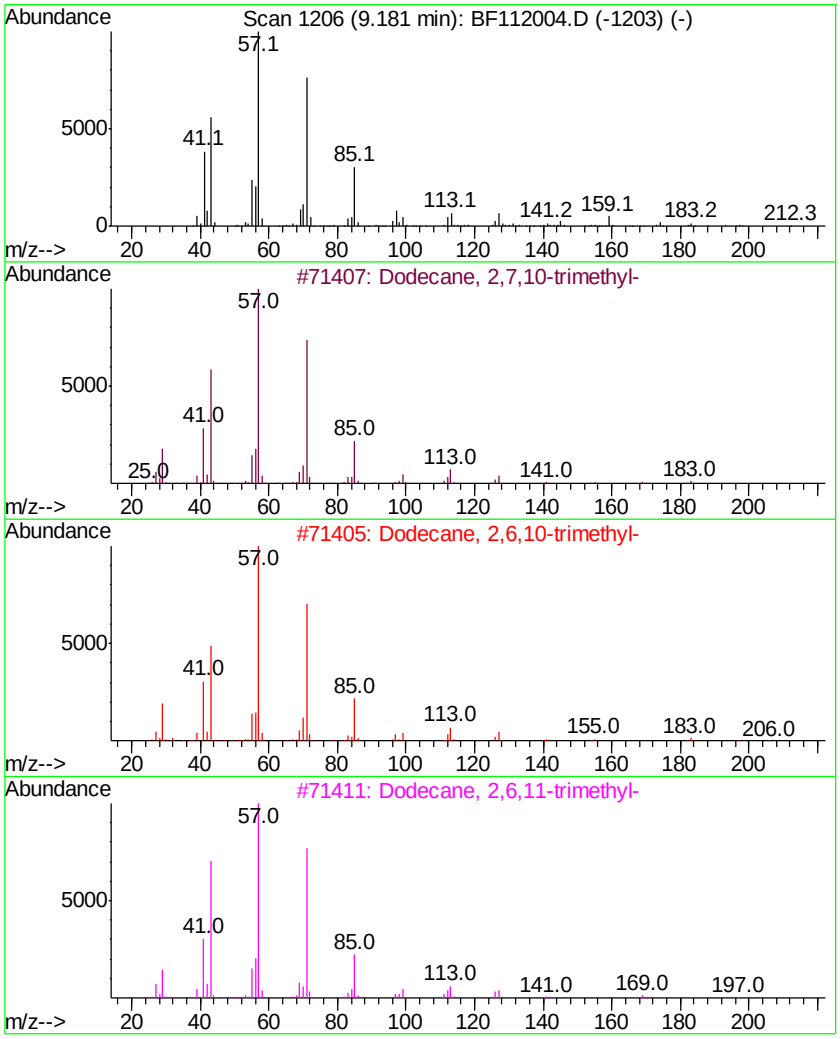
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

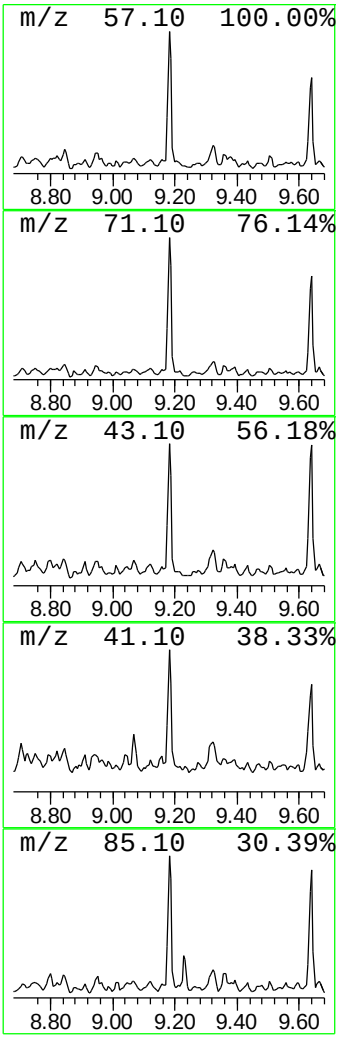
****

Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	24.34 ng	1002500	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72





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Acq On : 10 Jan 2019 22:55
Operator : JU/SJ
Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

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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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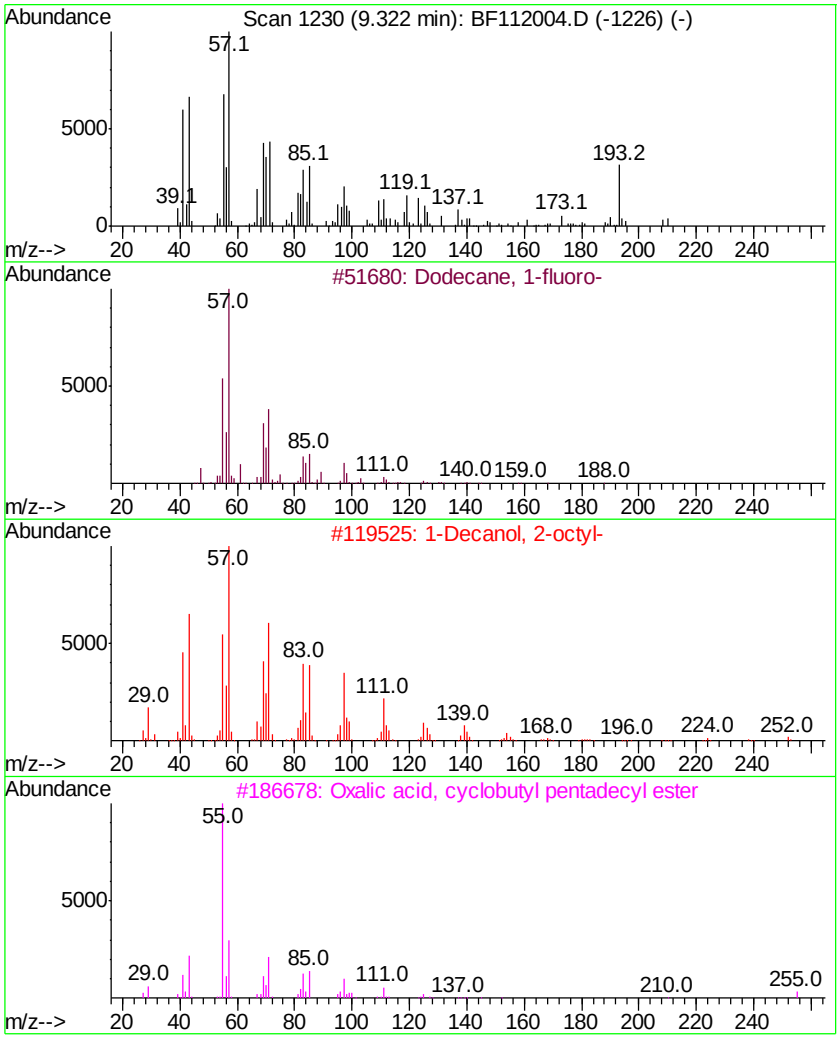
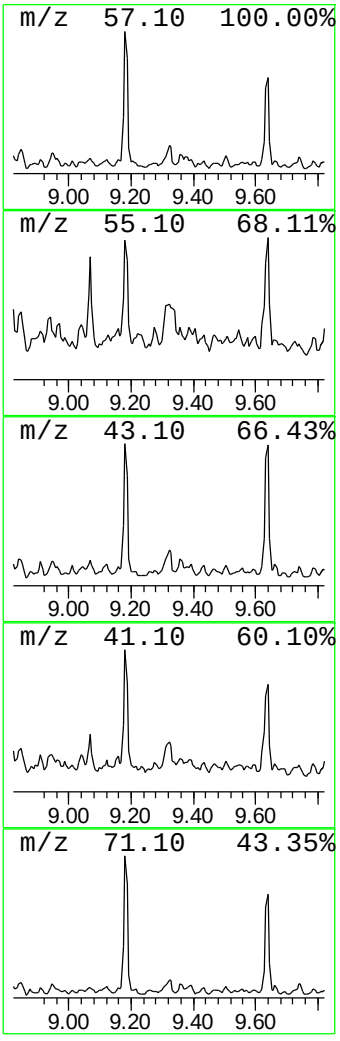
Peak Number 7 Dodecane, 1-fluoro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	9.80 ng	403510	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	53
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	52
3	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	49
4	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	49
5	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	38





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Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

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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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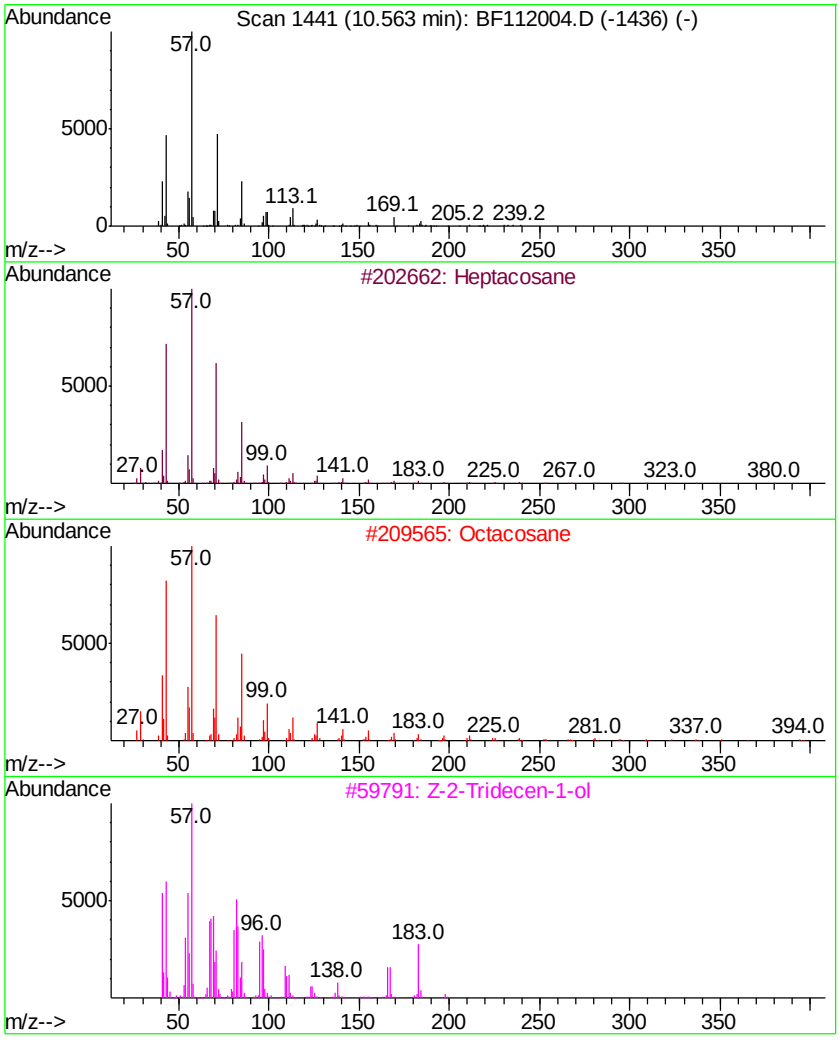
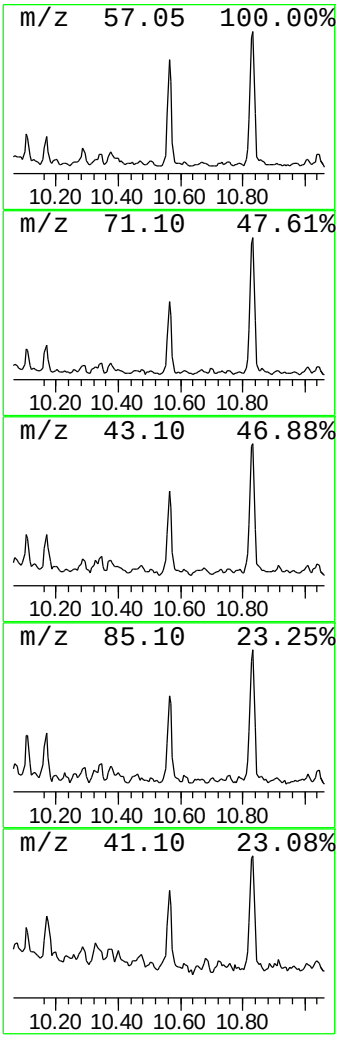
Peak Number 8 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	10.18 ng	419170	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Octacosane	394	C28H58	000630-02-4	72
3	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	70
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68





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Misc :
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ClientSampleId : CPSB-15(15-20)

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TIC Integration Parameters: LSCINT.P

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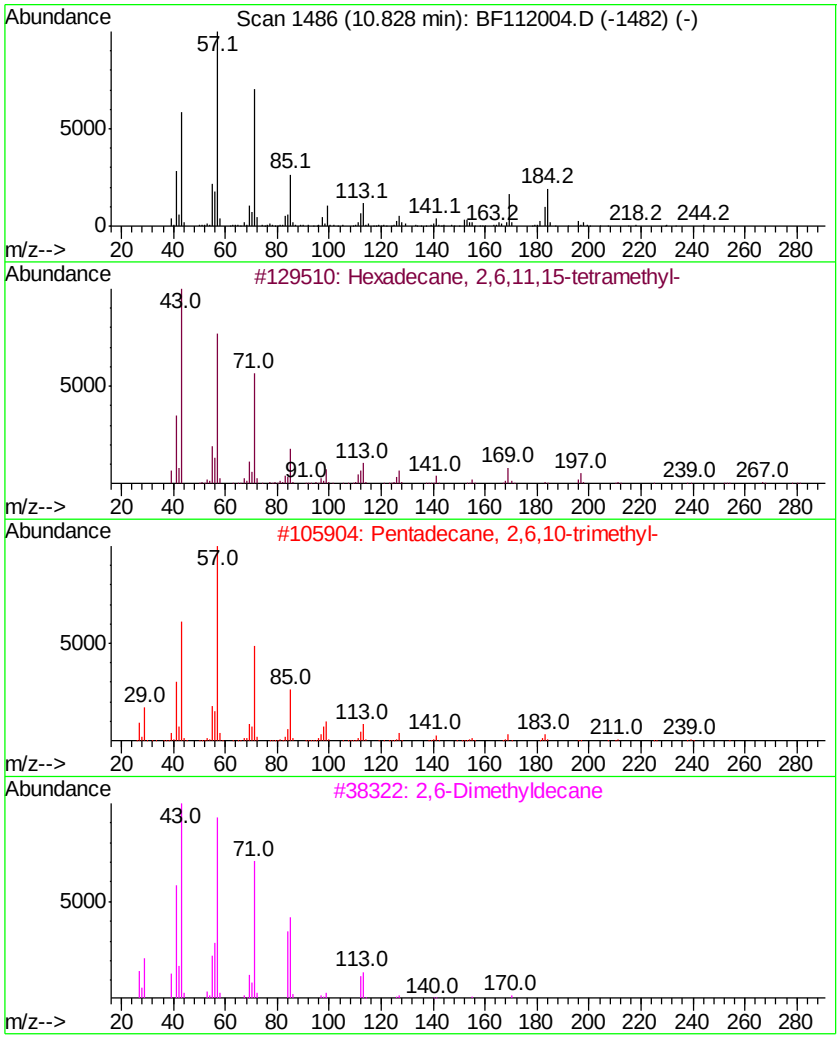
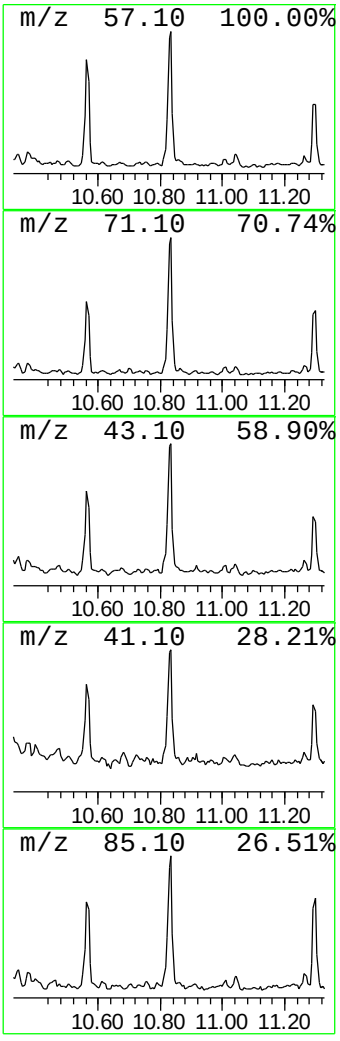
Peak Number 9 Hexadecane, 2,6,11,15-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	17.23 ng	556808	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	55
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
5	Eicosane	282	C20H42	000112-95-8	52





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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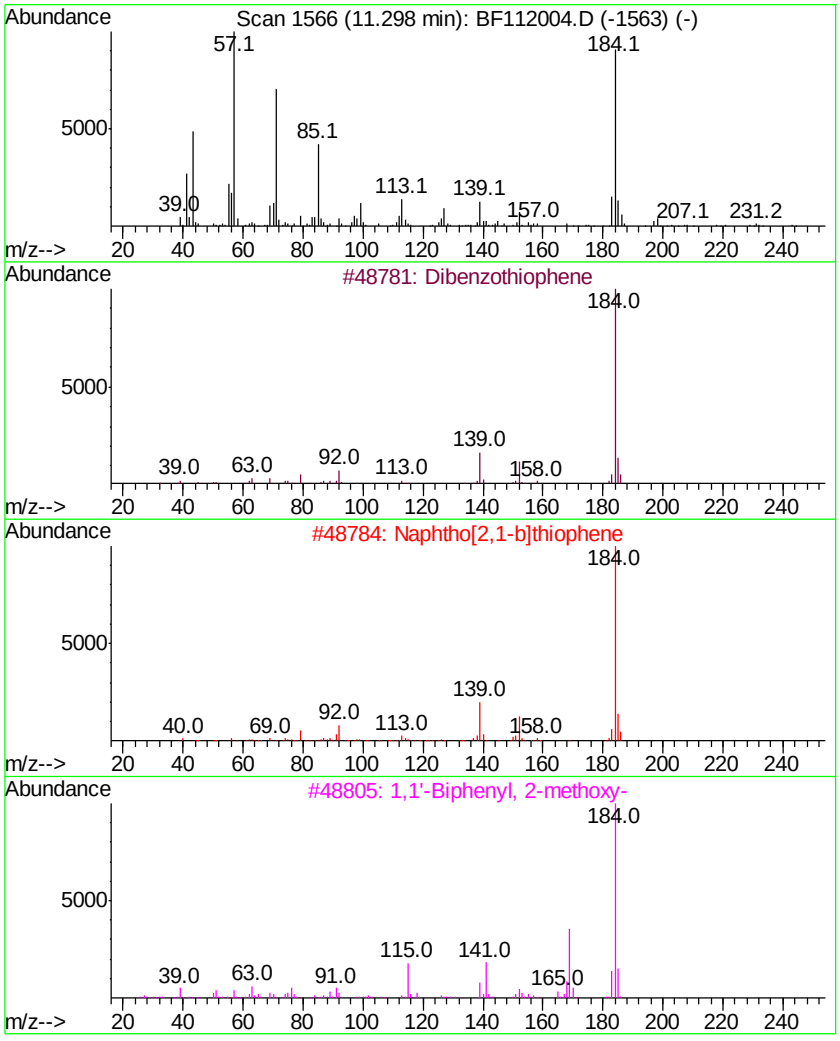
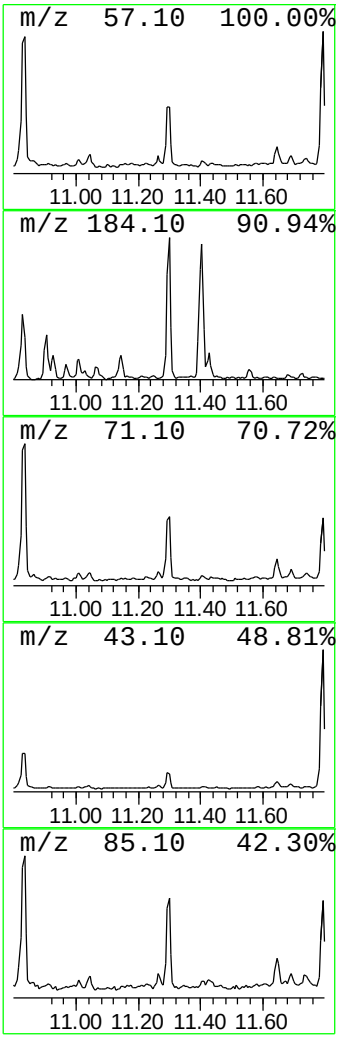
Peak Number 10 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	11.58 ng	374396	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	50
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	45
3	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	43
4	5-(Hydroxymethyl)-4,6-dimethyl-2...	184	C8H12N2OS	1000326-73-9	43
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	41





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Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId : CPSB-15(15-20)

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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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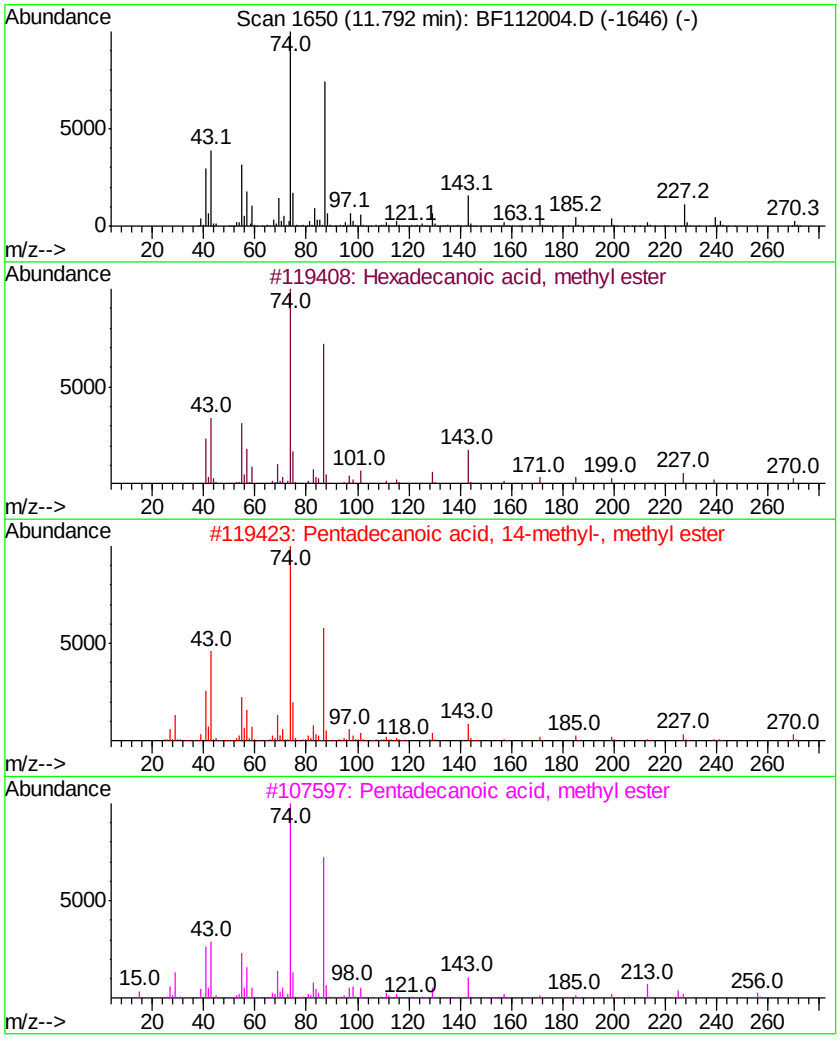
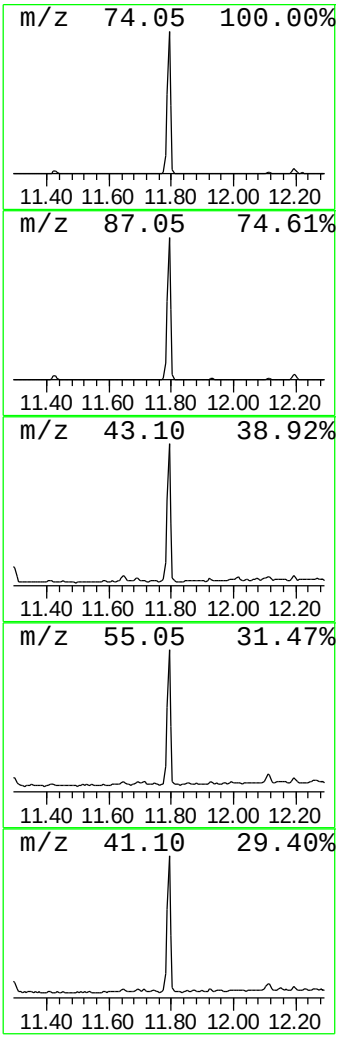
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	76.79 ng	2482040	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Sample : K1071-05 2X
Misc :
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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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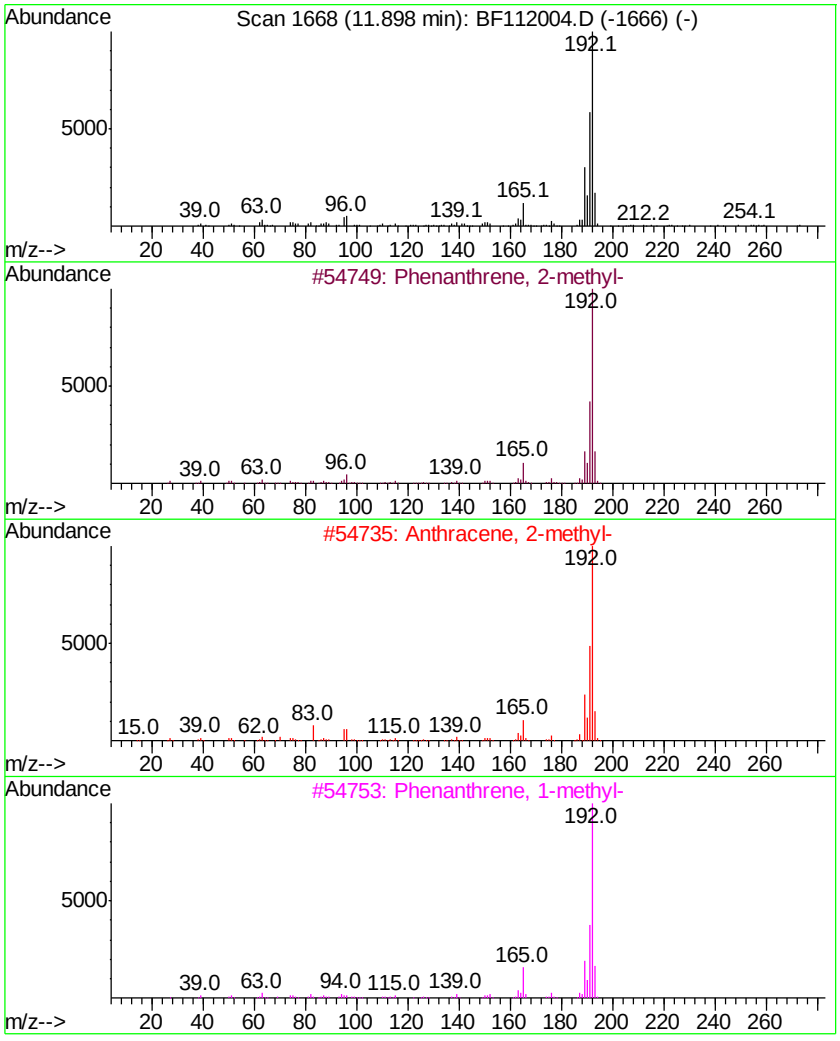
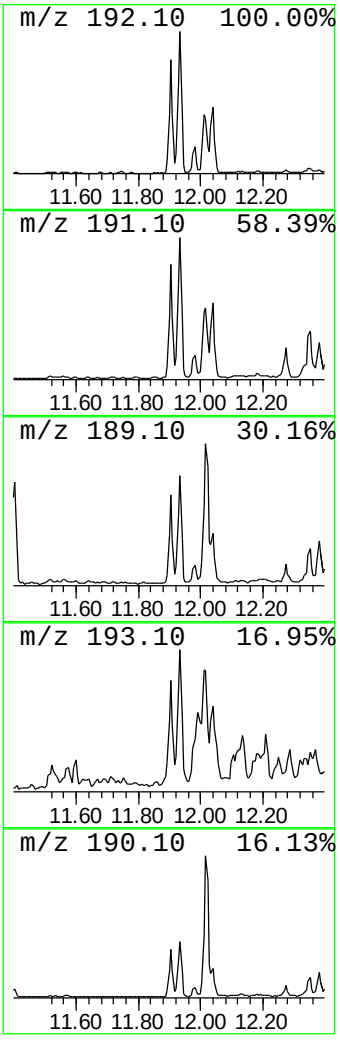
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	9.78 ng	316103	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





Library Search Compound Report

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Sample : K1071-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

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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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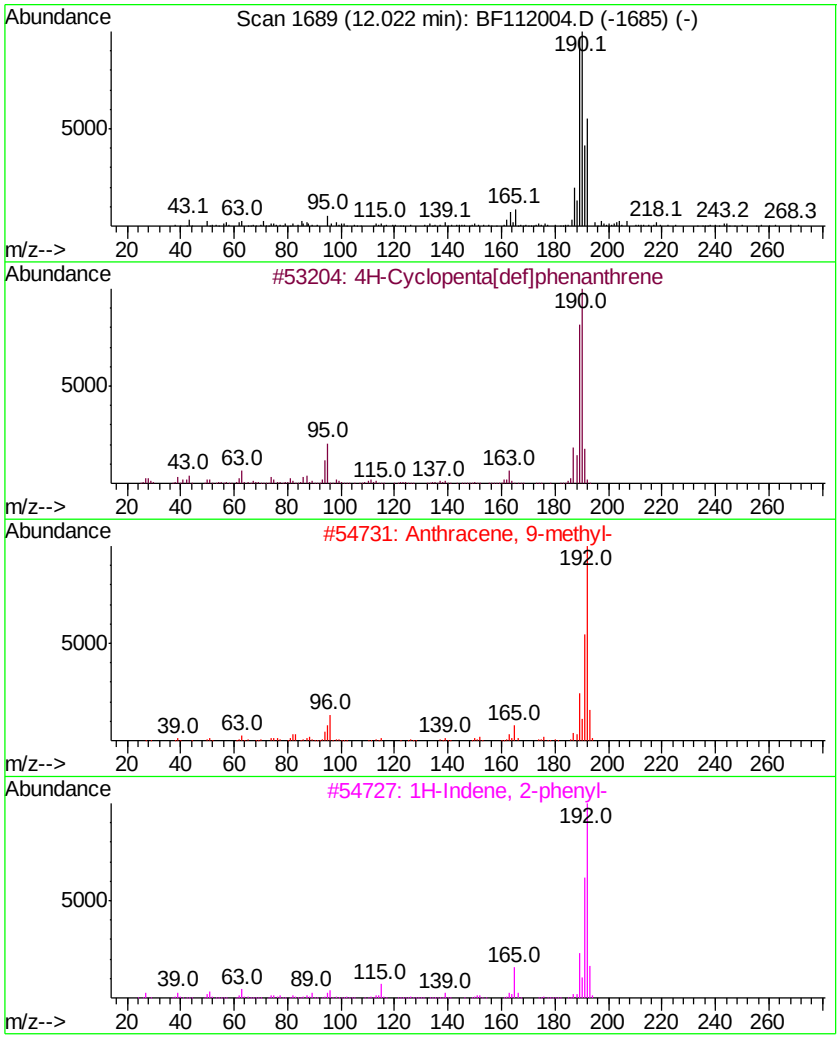
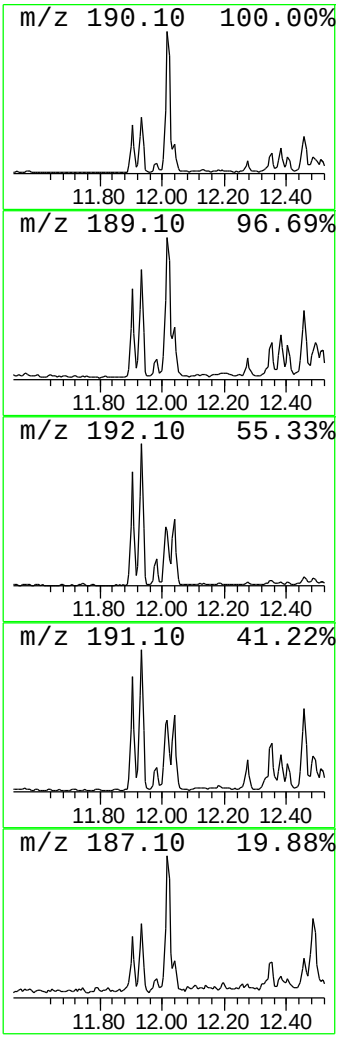
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	12.80 ng	413750	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





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Misc :
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Instrument : BNA_F
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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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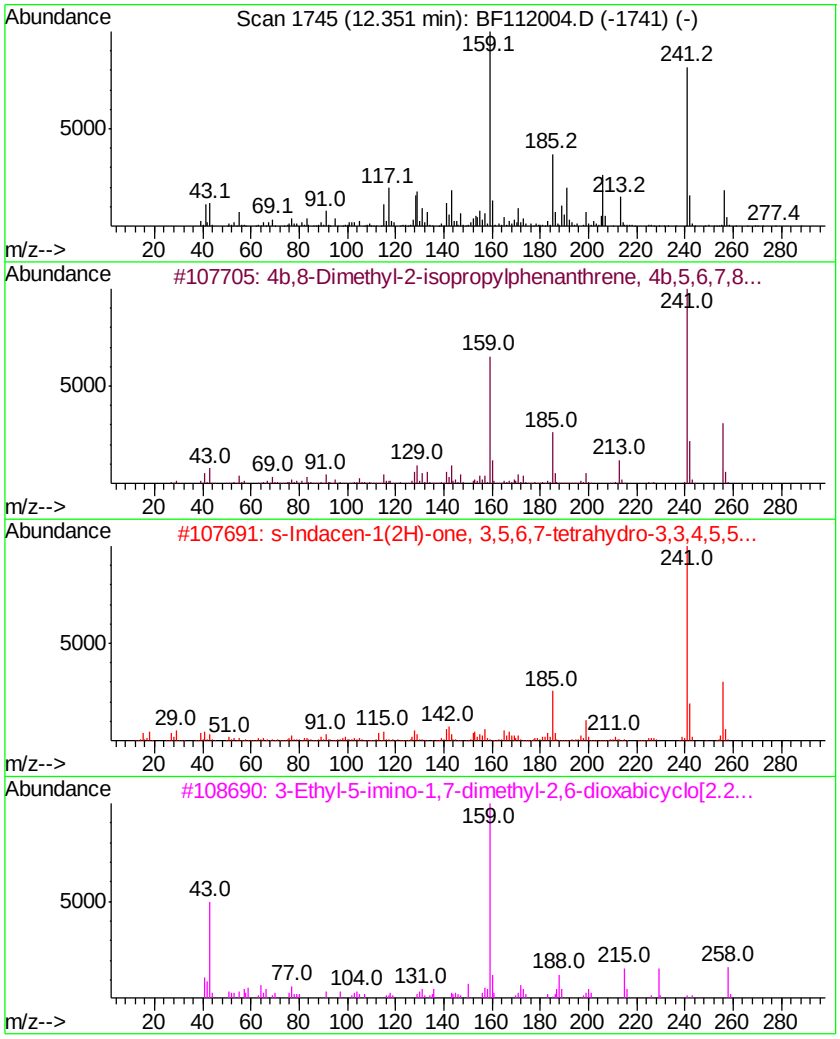
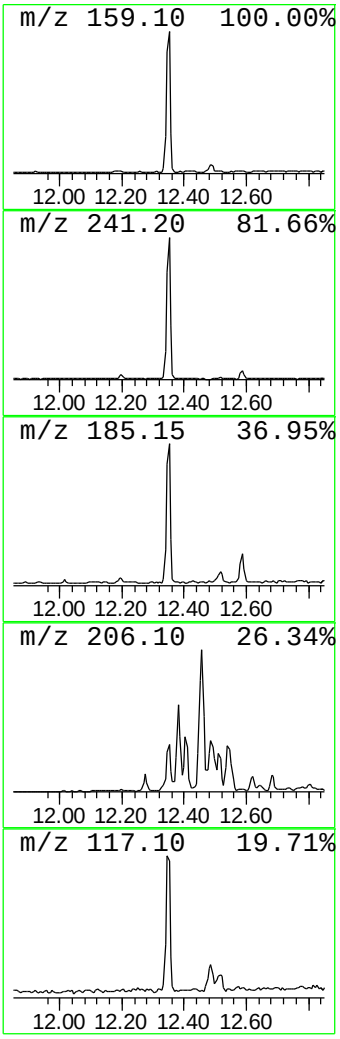
Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	24.67 ng	797339	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
3	3-Ethyl-5-imino-1,7-dimethyl-2,6...	258	C13H14N4O2	1000327-03-4	35
4	Pyrido[1,2-a]benzimidazole-4-car...	241	C13H8ClN3	121105-78-0	30
5	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	27





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Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

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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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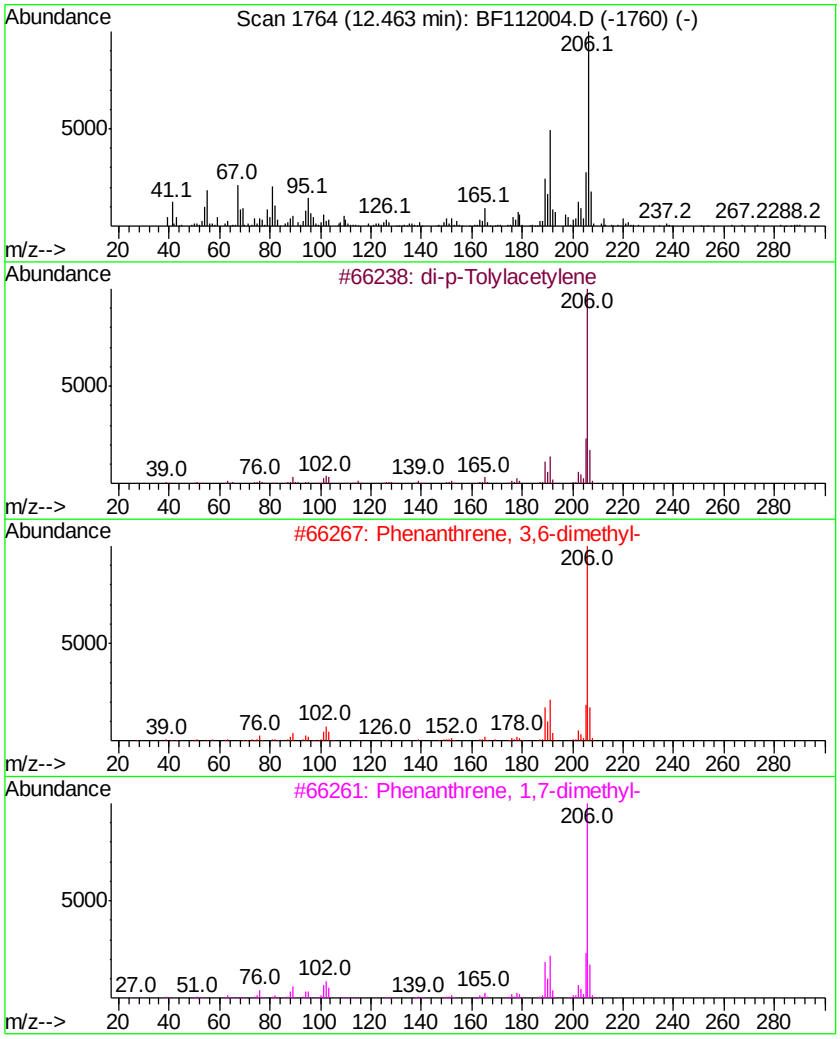
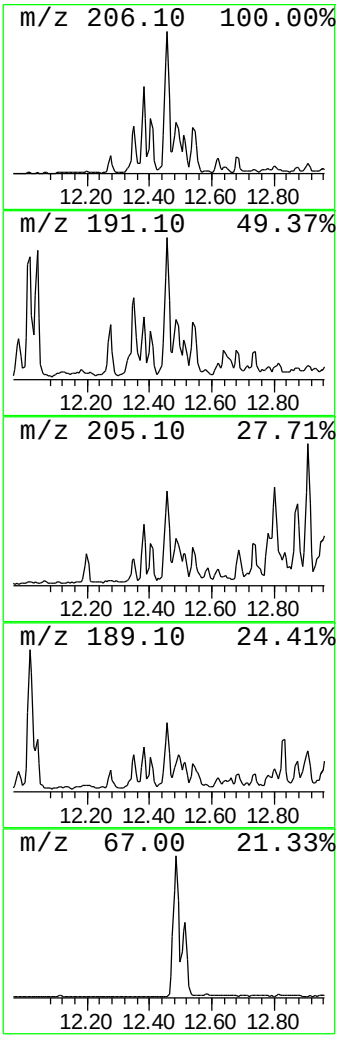
Peak Number 16 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	11.24 ng	363277	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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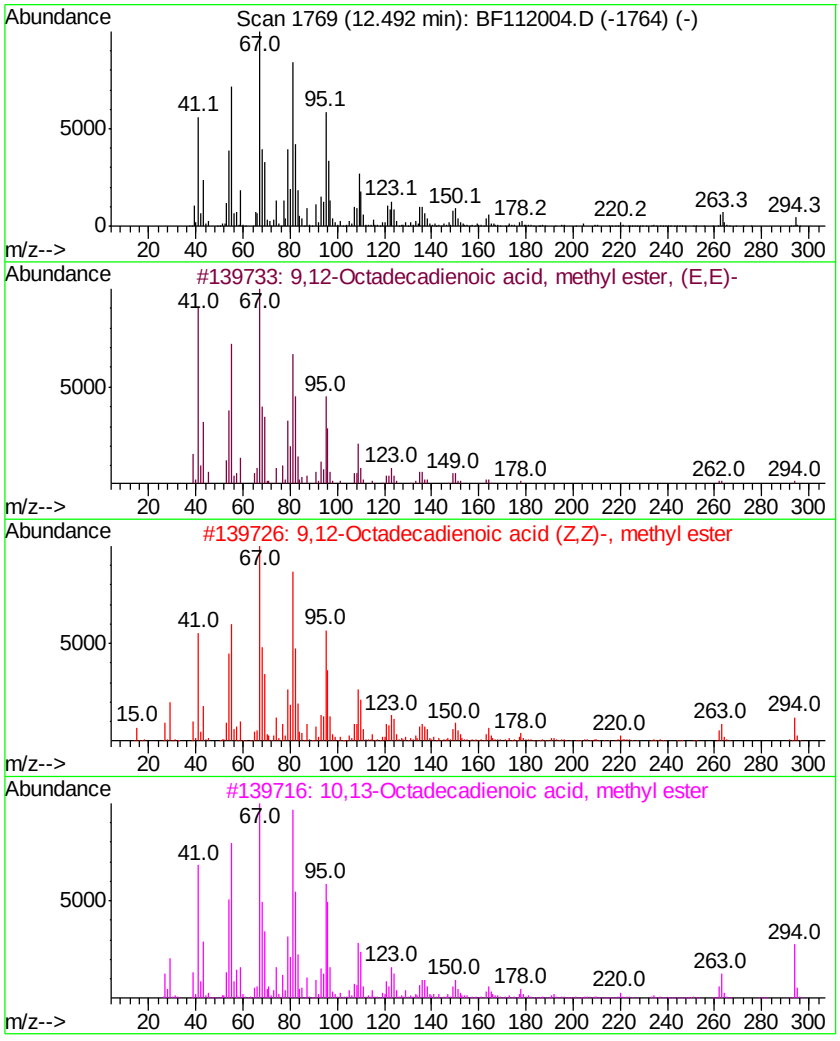
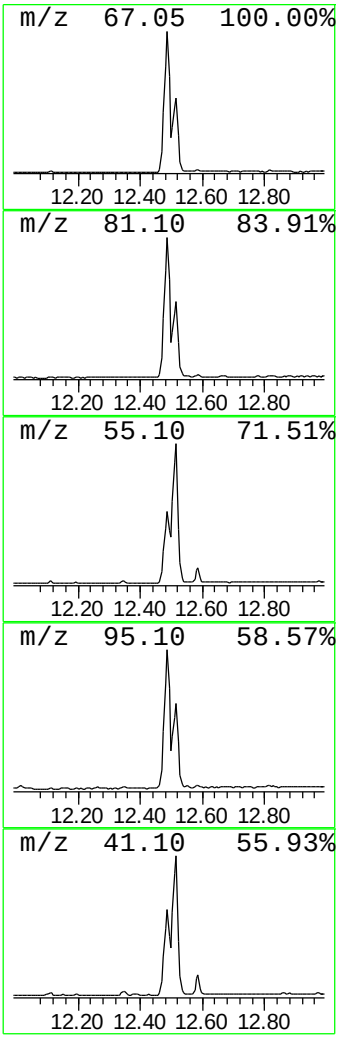
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	252.12 ng	8148690	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





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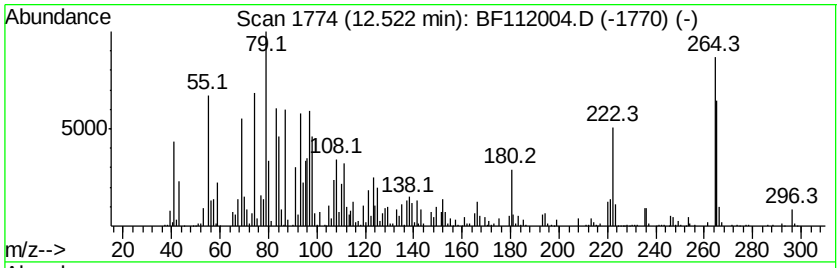
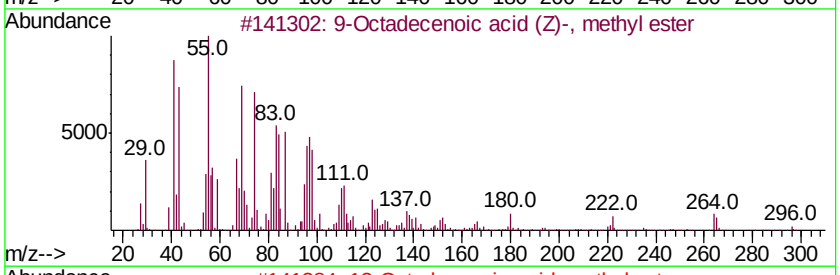
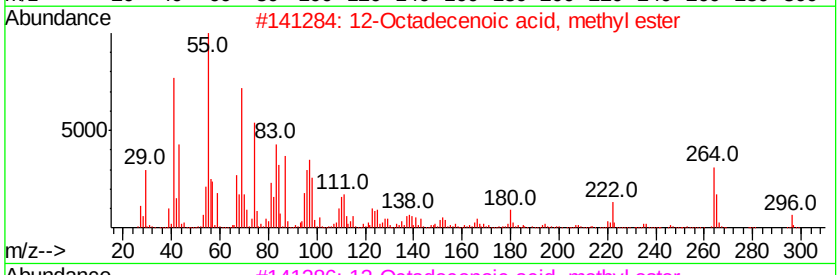
Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

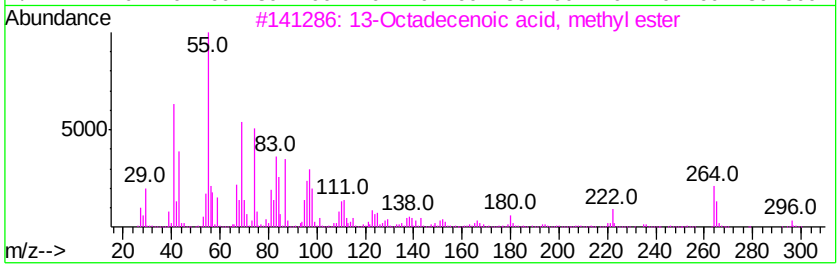
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	335.11 ng	10831200	Phenanthrene-d10	11.40

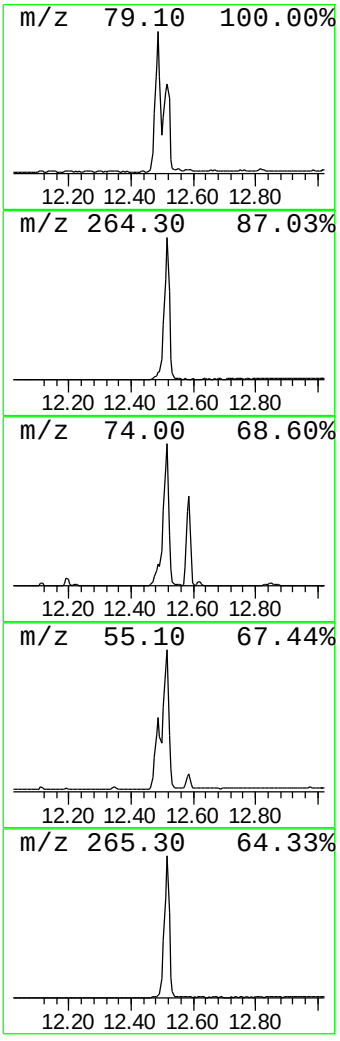
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112004.D
Acq On : 10 Jan 2019 22:55
Operator : JU/SJ
Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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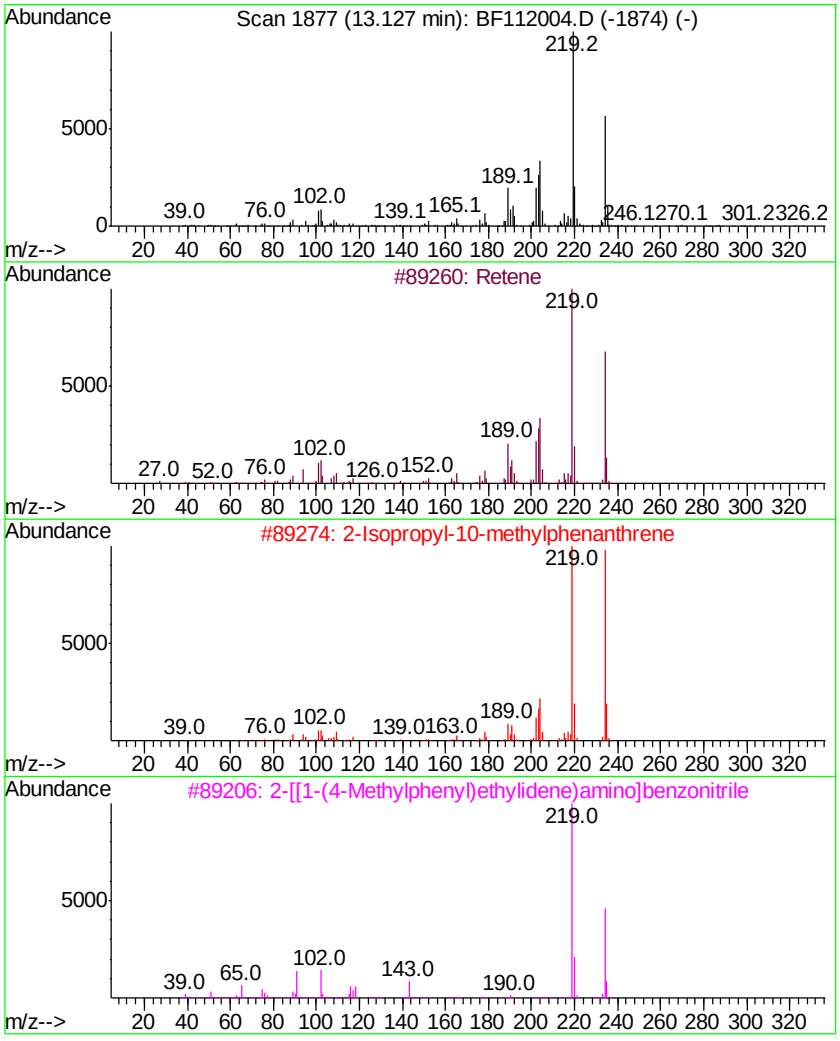
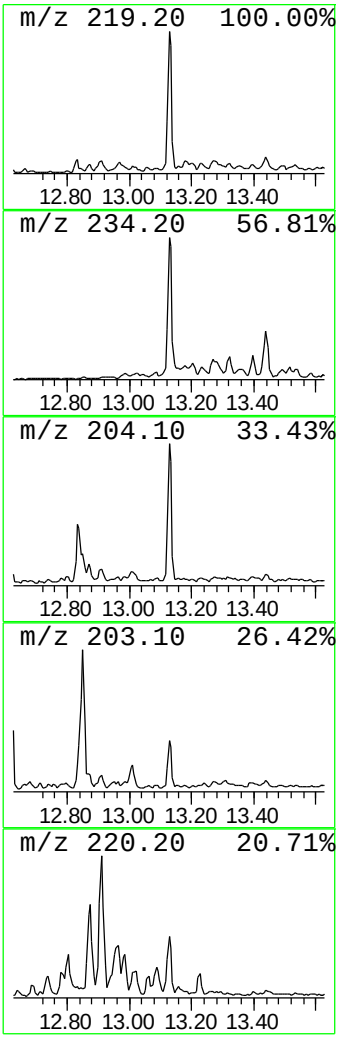
Peak Number 19 Retene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	12.43 ng	590405	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	2-[[1-(4-Methylphenyl)ethylidene...	234	C16H14N2	1000326-46-0	49
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	49
5	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112004.D
Acq On : 10 Jan 2019 22:55
Operator : JU/SJ
Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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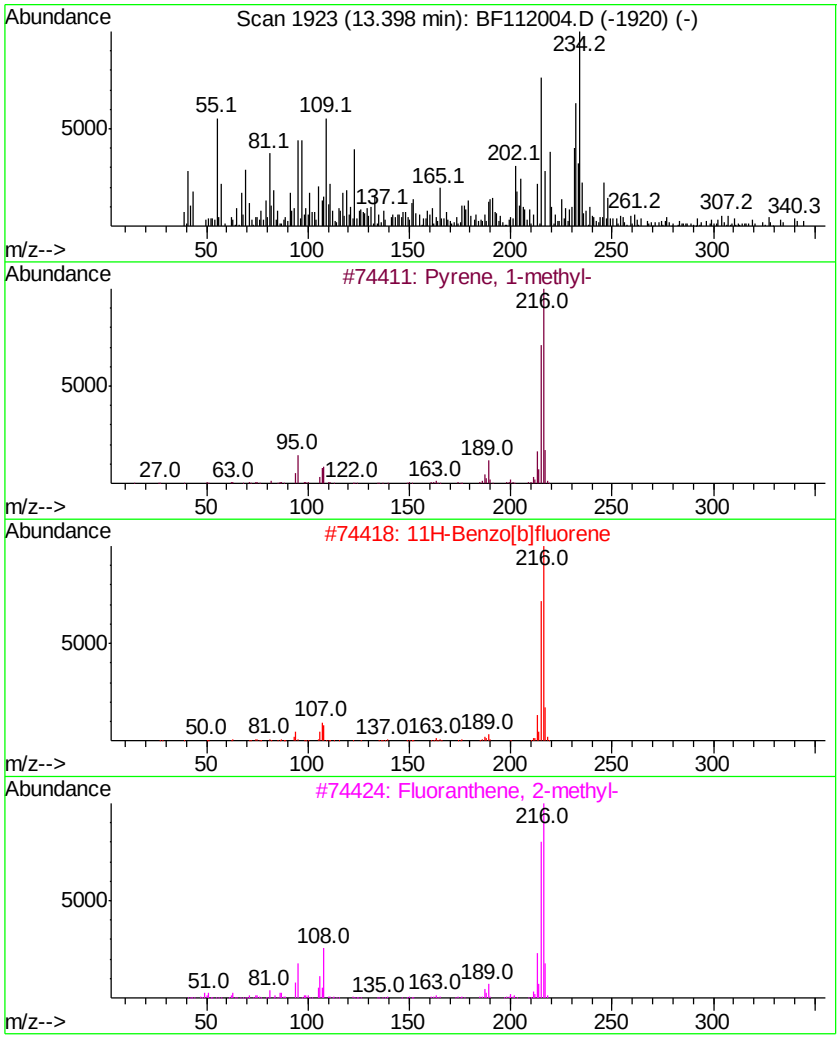
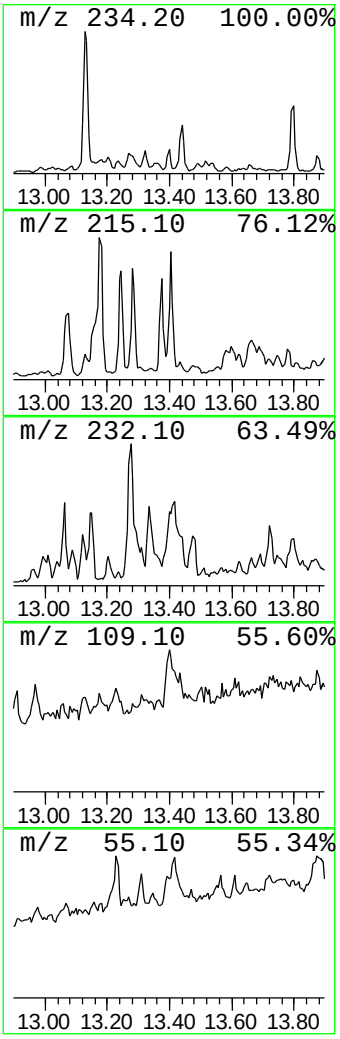
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	16.40 ng	778595	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	38
5	8-Phosphadispiro[2.1.2.2]nonane,...	216	C14H17P	1000162-94-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011019\
Data File : BF112004.D
Acq On : 10 Jan 2019 22:55
Operator : JU/SJ
Sample : K1071-05 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-15(15-20)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
Cyclohexane, 1,1,...	6.42	10.7	ng	369096	1	6.87	690943	20.0
unknown6.65	6.65	39.0	ng	1348970	1	6.87	690943	20.0
Naphthalene, deca...	7.27	9.7	ng	333239	1	6.87	690943	20.0
Undecane, 2,6-dim...	8.59	17.3	ng	1009070	2	8.16	1169670	20.0
Dodecane, 2,7,10-...	9.18	24.3	ng	1002500	3	9.92	823742	20.0
Dodecane, 1-fluoro-	9.32	9.8	ng	403510	3	9.92	823742	20.0
Heptacosane	10.56	10.2	ng	419170	3	9.92	823742	20.0
Hexadecane, 2,6,1...	10.83	17.2	ng	556808	4	11.40	646419	20.0
Dibenzothiophene	11.30	11.6	ng	374396	4	11.40	646419	20.0
Hexadecanoic acid...	11.79	76.8	ng	2482040	4	11.40	646419	20.0
Phenanthrene, 2-m...	11.90	9.8	ng	316103	4	11.40	646419	20.0
4H-Cyclopenta[def...	12.02	12.8	ng	413750	4	11.40	646419	20.0
4b,8-Dimethyl-2-i...	12.35	24.7	ng	797339	4	11.40	646419	20.0
di-p-Tolylacetylene	12.46	11.2	ng	363277	4	11.40	646419	20.0
9,12-Octadecadien...	12.49	252.1	ng	8148690	4	11.40	646419	20.0
9-Octadecenoic ac...	12.52	335.1	ng	10831200	4	11.40	646419	20.0
Retene	13.13	12.4	ng	590405	5	14.05	949653	20.0
Pyrene, 1-methyl-	13.40	16.4	ng	778595	5	14.05	949653	20.0