LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111469.D
Acq On : 15 Dec 2018 15:31
Operator : JU/SJ
Sample : J6316-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BORING-SAMPLE-CBH-591

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	194	196	204	rBV3	39044	82970	1.75%	0.126%
2	5.004	493	496	506	rVB	169643	212613	4.47%	0.324%
3	5.422	562	567	570	rBV	4294764	4018858	84.57%	6.124%
4	5.628	598	602	607	rBV	56924	60529	1.27%	0.092%
5	6.440	735	740	750	rBV	4185011	4592352	96.64%	6.998%
6	6.569	757	762	765	rBV	4835832	4282066	90.11%	6.525%
7	6.634	769	773	777	rVV	75377	89383	1.88%	0.136%
8	6.792	796	800	804	rBV	1374507	1070851	22.53%	1.632%
9	6.951	823	827	830	rBV	3950807	3337878	70.24%	5.086%
10	7.057	840	845	851	rVB	52233	64024	1.35%	0.098%
11	7.357	889	896	899	rBV	2843038	2762813	58.14%	4.210%
12	7.651	943	946	952	rVB	234682	210512	4.43%	0.321%
13	7.875	979	984	994	rVB3	34603	58698	1.24%	0.089%
14	8.075	1014	1018	1020	rBV	1708456	1372946	28.89%	2.092%
15	8.098	1020	1022	1028	rVB	395028	344801	7.26%	0.525%
16	8.292	1051	1055	1058	rBV	200883	167934	3.53%	0.256%
17	8.351	1062	1065	1069	rBV	234252	195299	4.11%	0.298%
18	8.786	1135	1139	1145	rVB3	117181	131551	2.77%	0.200%
19	8.851	1145	1150	1152	rBV	57660	57167	1.20%	0.087%
20	8.886	1152	1156	1160	rVB2	83373	77051	1.62%	0.117%
21	8.963	1166	1169	1171	rBV	58476	53975	1.14%	0.082%
22	9.069	1185	1187	1192	rBV	64808	57153	1.20%	0.087%
23	9.151	1197	1201	1213	rVV	5193191	4752027	100.00%	7.241%
24	9.486	1255	1258	1261	rBV	50165	53170	1.12%	0.081%
25	9.545	1264	1268	1275	rVB	434412	425464	8.95%	0.648%
26	9.686	1289	1292	1297	rBV	72680	63547	1.34%	0.097%
27	9.828	1313	1316	1319	rBV2	1585280	1362600	28.67%	2.076%
28	9.857	1319	1321	1325	rVB	181873	169844	3.57%	0.259%
29	10.033	1347	1351	1355	rBV	168277	148855	3.13%	0.227%
30	10.375	1406	1409	1415	rVB	158009	154688	3.26%	0.236%
31	10.533	1433	1436	1441	rVB	63656	73115	1.54%	0.111%
32	10.616	1446	1450	1456	rBV	2364430	2126371	44.75%	3.240%
33	10.739	1469	1471	1476	rVB4	69476	63250	1.33%	0.096%
34	10.922	1497	1502	1505	rBV3	44784	71953	1.51%	0.110%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6316-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BORING-SAMPLE-CBH-591

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.116	1532	1535	1539	rVB2	89904	95530	2.01%	0.146%
36	11.163	1539	1543	1546	rBV3	43372	65504	1.38%	0.100%
37	11.210	1548	1551	1557	rVB	104361	116010	2.44%	0.177%
38	11.310	1565	1568	1570	rBV	1151447	1087142	22.88%	1.657%
39	11.333	1570	1572	1576	rVV	1475009	1354649	28.51%	2.064%
40	11.386	1578	1581	1585	rVB	305697	257432	5.42%	0.392%
41	11.539	1602	1607	1610	rBV2	119362	153626	3.23%	0.234%
42	11.645	1622	1625	1628	rVB2	61688	53344	1.12%	0.081%
43	11.816	1650	1654	1656	rBV	231346	226569	4.77%	0.345%
44	11.857	1656	1661	1665	rVV2	1906165	2283172	48.05%	3.479%
45	11.922	1669	1672	1675	rVV2	316983	386036	8.12%	0.588%
46	11.945	1675	1676	1680	rVB	165002	125267	2.64%	0.191%
47	12.110	1701	1704	1706	rBV	143119	129557	2.73%	0.197%
48	12.127	1706	1707	1714	rVB2	91140	89614	1.89%	0.137%
49	12.257	1724	1729	1732	rBV4	77441	108999	2.29%	0.166%
50	12.363	1744	1747	1750	rBV	162328	169379	3.56%	0.258%
51	12.404	1750	1754	1756	rVV3	76858	91532	1.93%	0.139%
52	12.445	1759	1761	1767	rBV3	117146	132581	2.79%	0.202%
53	12.527	1771	1775	1778	rBV	2461109	2055891	43.26%	3.133%
54	12.639	1789	1794	1799	rBV	1850071	2007963	42.25%	3.060%
55	12.757	1808	1814	1817	rBV	2199766	2240108	47.14%	3.413%
56	12.874	1831	1834	1835	rBV	107400	102811	2.16%	0.157%
57	12.898	1835	1838	1846	rVB	3027058	2936242	61.79%	4.474%
58	12.974	1848	1851	1854	rVB2	109224	137660	2.90%	0.210%
59	13.057	1863	1865	1867	rBV3	107824	124681	2.62%	0.190%
60	13.080	1867	1869	1872	rVB	238569	217290	4.57%	0.331%
61	13.145	1878	1880	1883	rVB	111495	98062	2.06%	0.149%
62	13.186	1884	1887	1890	rBV2	242003	231426	4.87%	0.353%
63	13.280	1900	1903	1905	rBV	130560	122741	2.58%	0.187%
64	13.310	1905	1908	1912	rBV	136973	143359	3.02%	0.218%
65	13.586	1952	1955	1961	rVB	204129	207233	4.36%	0.316%
66	13.698	1971	1974	1977	rBV2	276421	299620	6.31%	0.457%
67	13.727	1977	1979	1981	rVV	222068	177971	3.75%	0.271%
68	13.751	1981	1983	1987	rVV2	186403	243521	5.12%	0.371%
69	13.804	1988	1992	1999	rVB2	398785	583698	12.28%	0.889%
70	13.945	2010	2016	2020	rBV2	1813113	2981442	62.74%	4.543%
71	13.980	2020	2022	2027	rVB	1568275	1350074	28.41%	2.057%

LSC Area Percent Report

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Acq On : 15 Dec 2018 15:31
Operator : JU/SJ
Sample : J6316-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BORING-SAMPLE-CBH-591

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.057	2033	2035	2038	rVB	186037	137191	2.89%	0.209%
73	14.339	2080	2083	2086	rVB	211938	180290	3.79%	0.275%
74	14.463	2102	2104	2106	rBV2	126241	110555	2.33%	0.168%
75	14.986	2188	2193	2195	rBV	1300865	1926336	40.54%	2.935%
76	15.274	2238	2242	2248	rVB	790748	1113234	23.43%	1.696%
77	15.339	2248	2253	2259	rBV	1007360	1389205	29.23%	2.117%
78	15.398	2259	2263	2265	rVV	643934	808224	17.01%	1.232%
79	15.427	2265	2268	2274	rVB2	512559	694355	14.61%	1.058%
80	16.086	2377	2380	2391	rVB	497431	926641	19.50%	1.412%
81	16.509	2449	2452	2466	rVB	332501	731267	15.39%	1.114%
82	16.815	2500	2504	2513	rVB2	363711	661434	13.92%	1.008%
83	17.074	2545	2548	2555	rVB3	259641	486574	10.24%	0.741%
84	17.245	2572	2577	2588	rVB	242643	508787	10.71%	0.775%

Sum of corrected areas: 65628137

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111469.D
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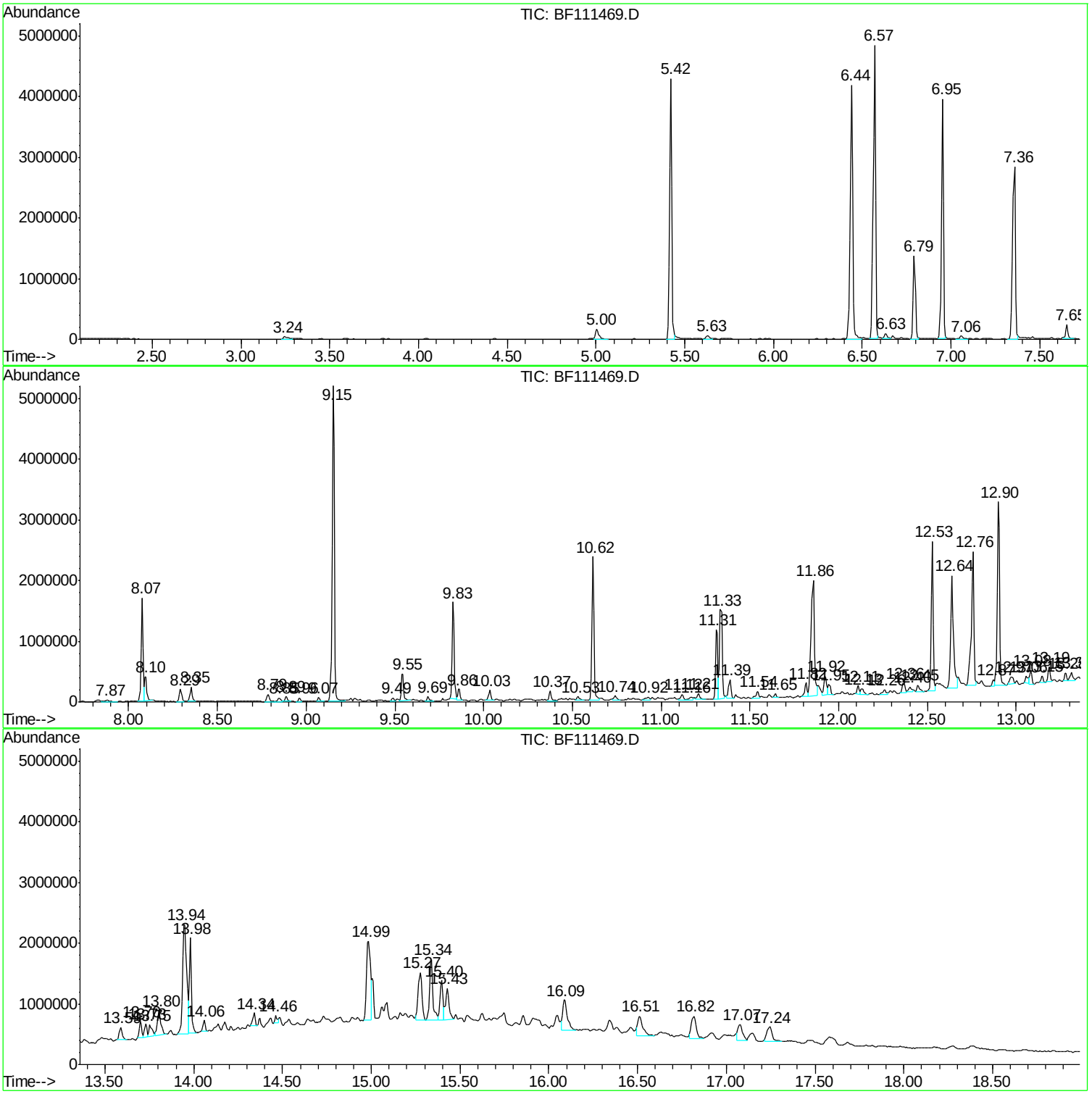
Operator : JU/SJ
Sample : J6316-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BORING-SAMPLE-CBH-591

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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\BF121518\
Data File : BF111469.D
Acq On : 15 Dec 2018 15:31
Operator : JU/SJ
Sample : J6316-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BORING-SAMPLE-CBH-591

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

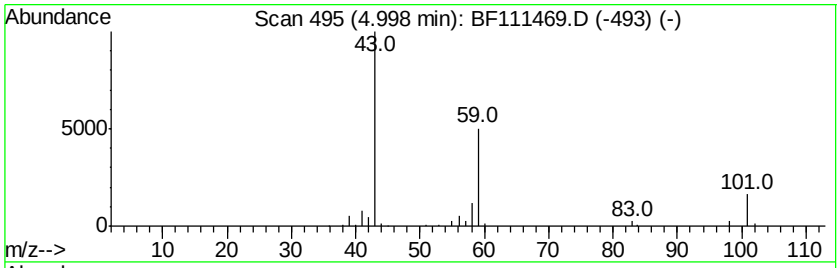
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

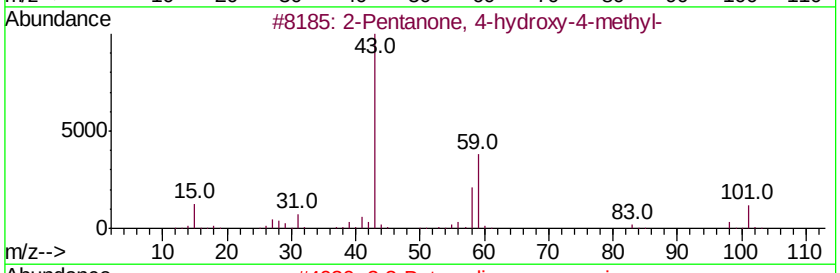
****

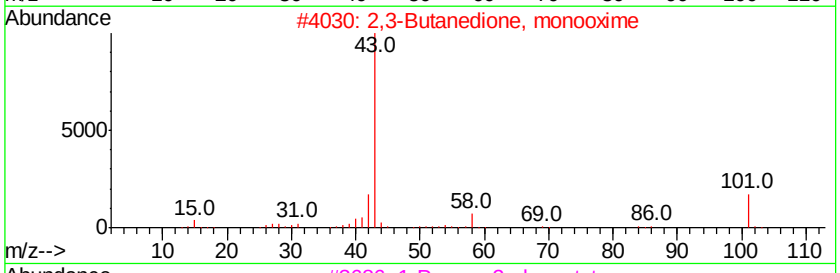
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

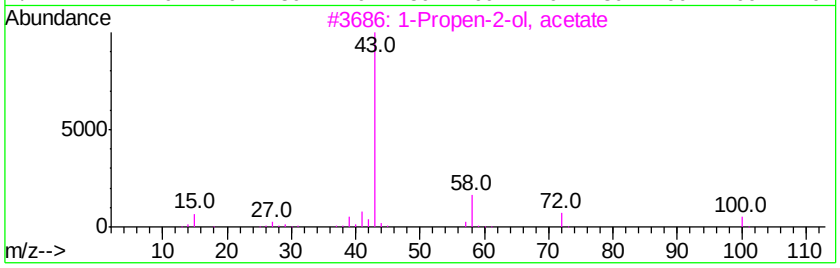
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.97 ng	212613	1,4-Dichlorobenzene-d4	6.79

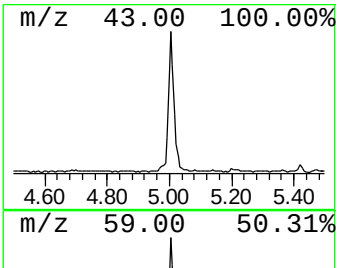
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	7

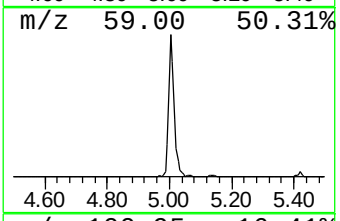


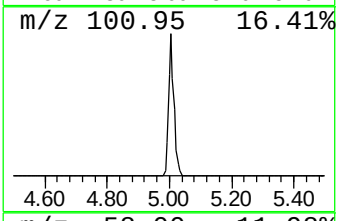


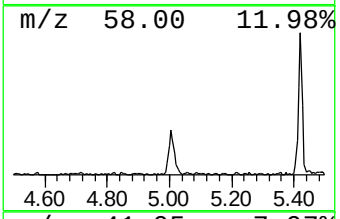


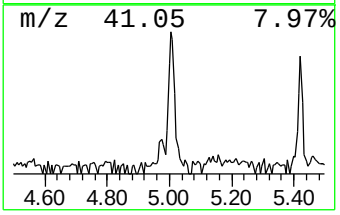












Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

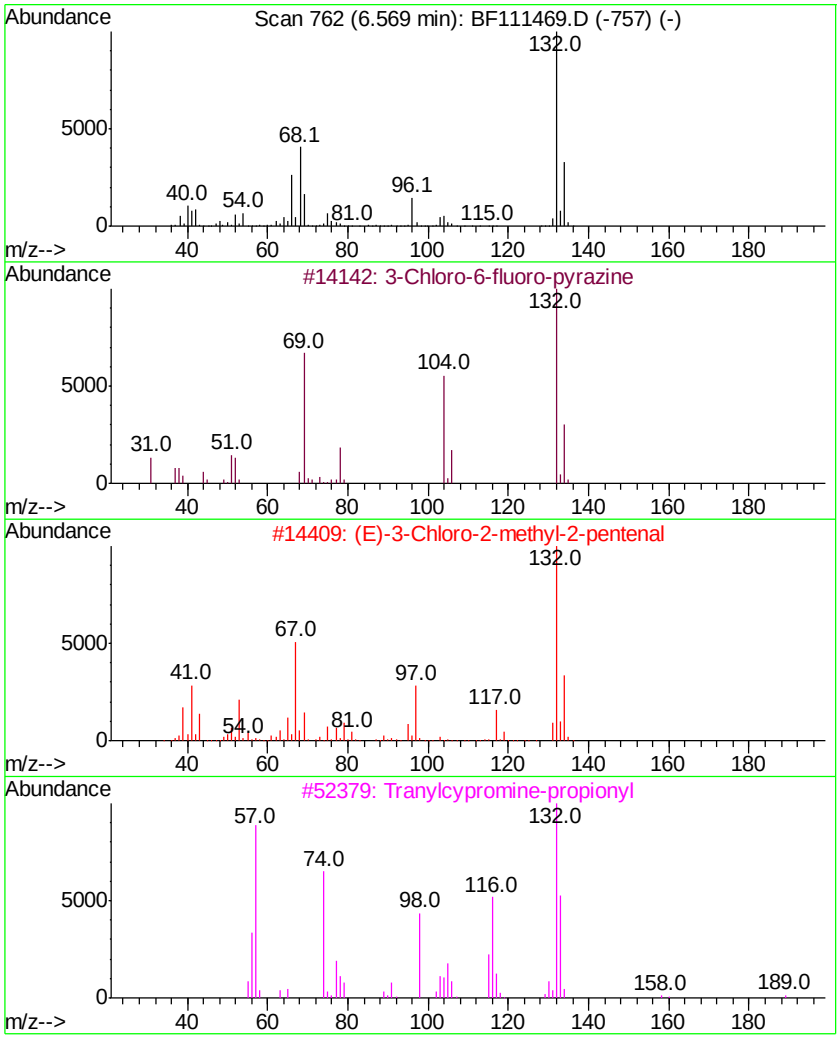
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

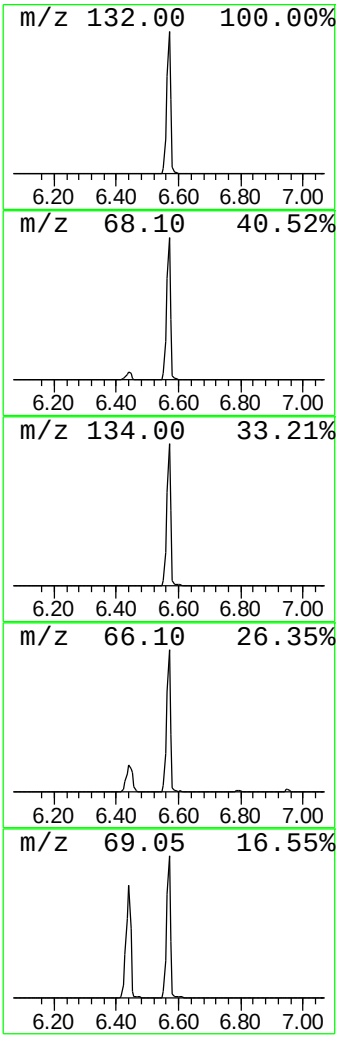
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	79.98 ng	4282070	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Data File : BF111469.D
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BNA_F
ClientSampleId :
BORING-SAMPLE-CBH-591

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

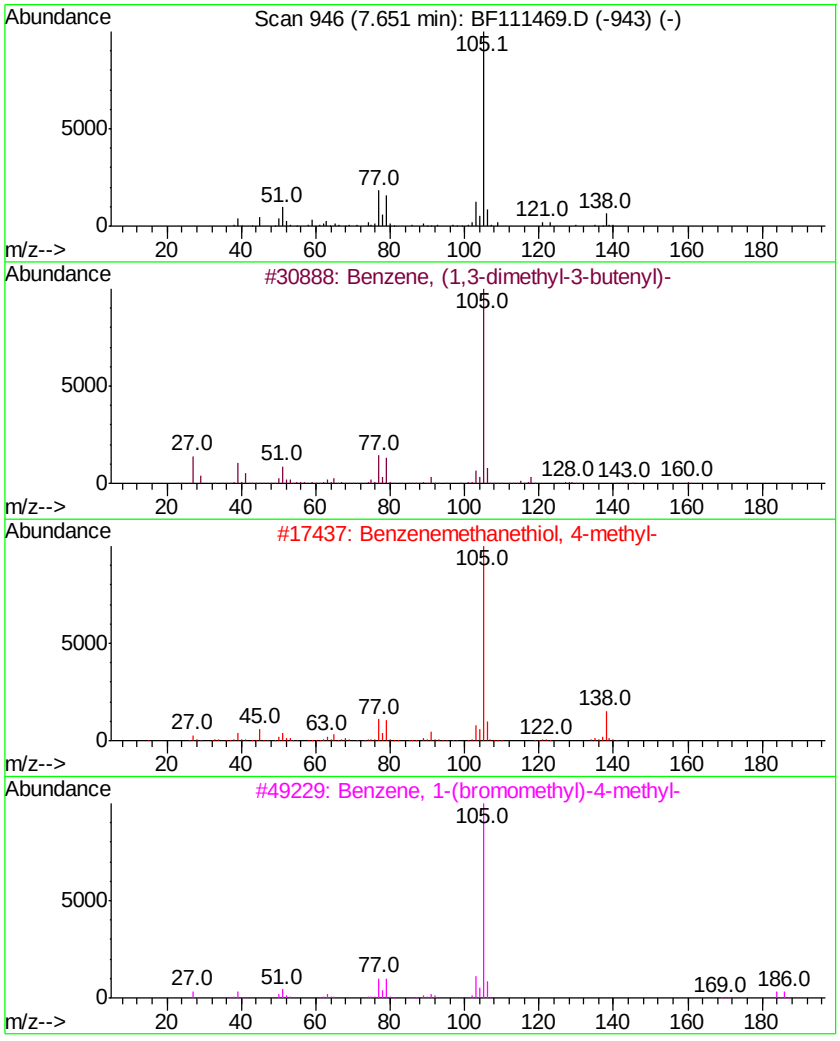
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

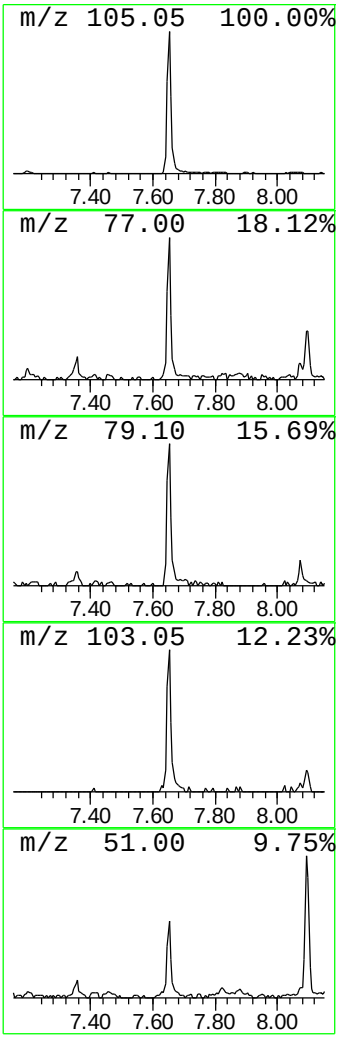
****

Peak Number 4 Benzene, (1,3-dimethyl-3-bu... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	3.07 ng	210512	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
2	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	72
3	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	64
4	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	64
5	Thiophene, 2-(4-methylbenzylsulf...	252	C12H12O2S2	153837-88-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111469.D
Acq On : 15 Dec 2018 15:31
Operator : JU/SJ
Sample : J6316-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BORING-SAMPLE-CBH-591

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

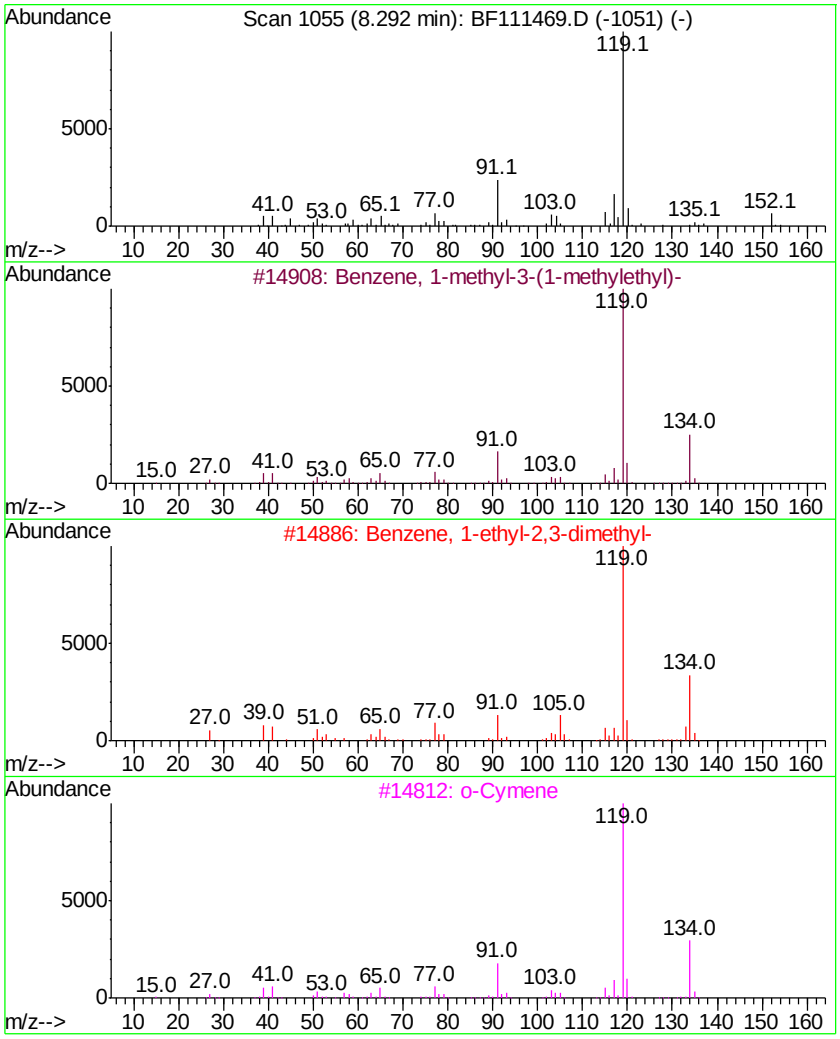
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

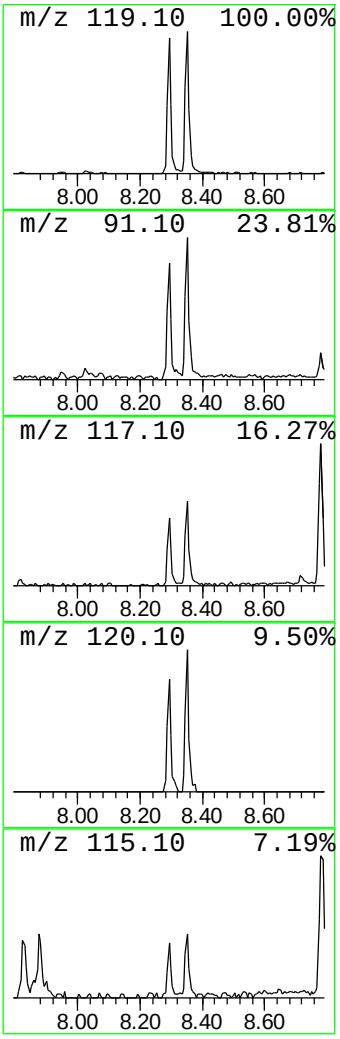
****

Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	2.45 ng	167934	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
3	o-Cymene	134	C10H14	000527-84-4	72
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111469.D
Acq On : 15 Dec 2018 15:31
Operator : JU/SJ
Sample : J6316-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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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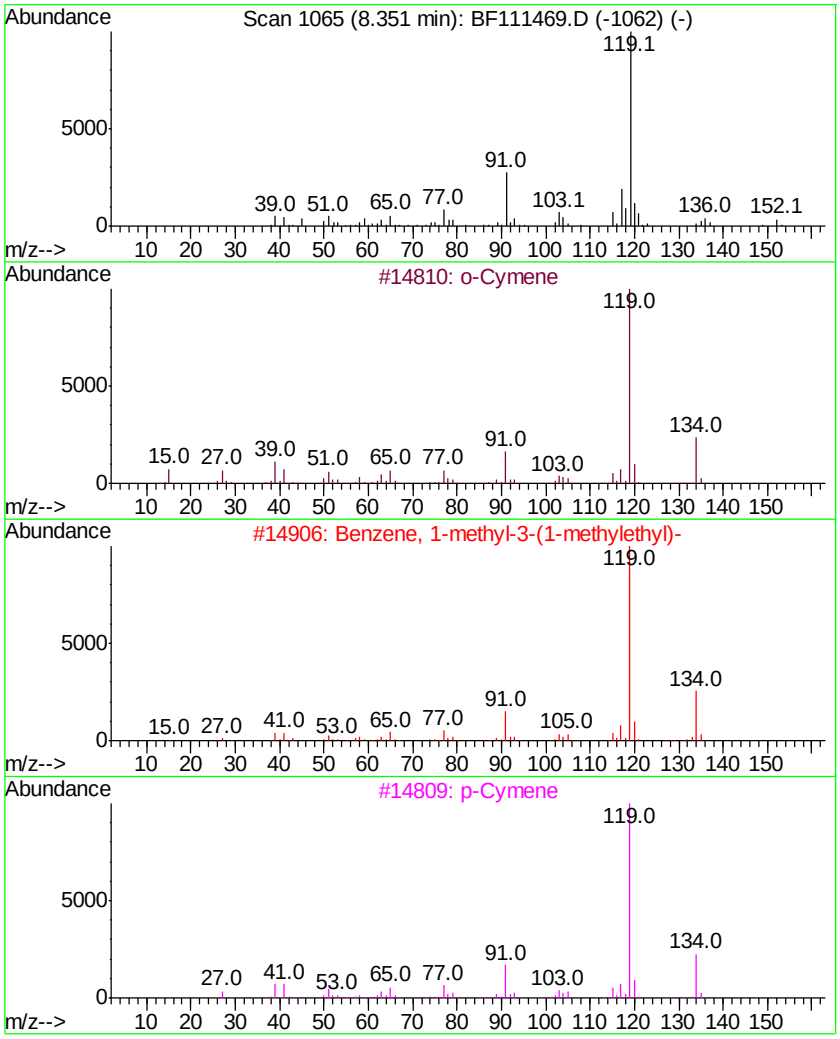
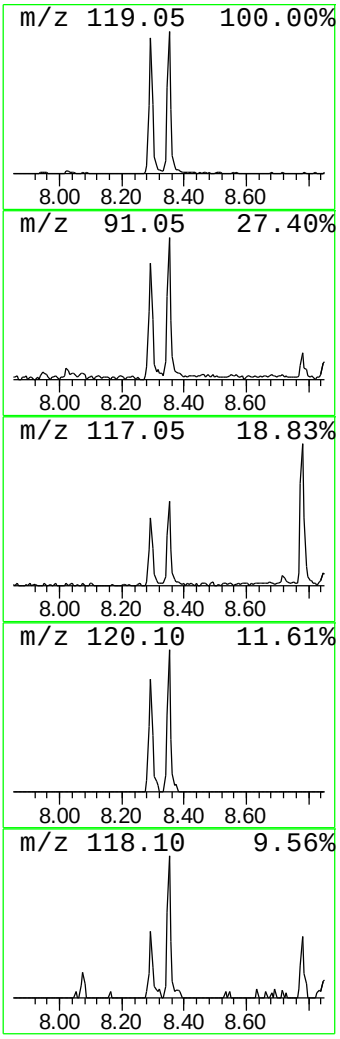
Peak Number 6 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.84 ng	195299	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	74
3	p-Cymene	134	C10H14	000099-87-6	68
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64





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Sample : J6316-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BORING-SAMPLE-CBH-591

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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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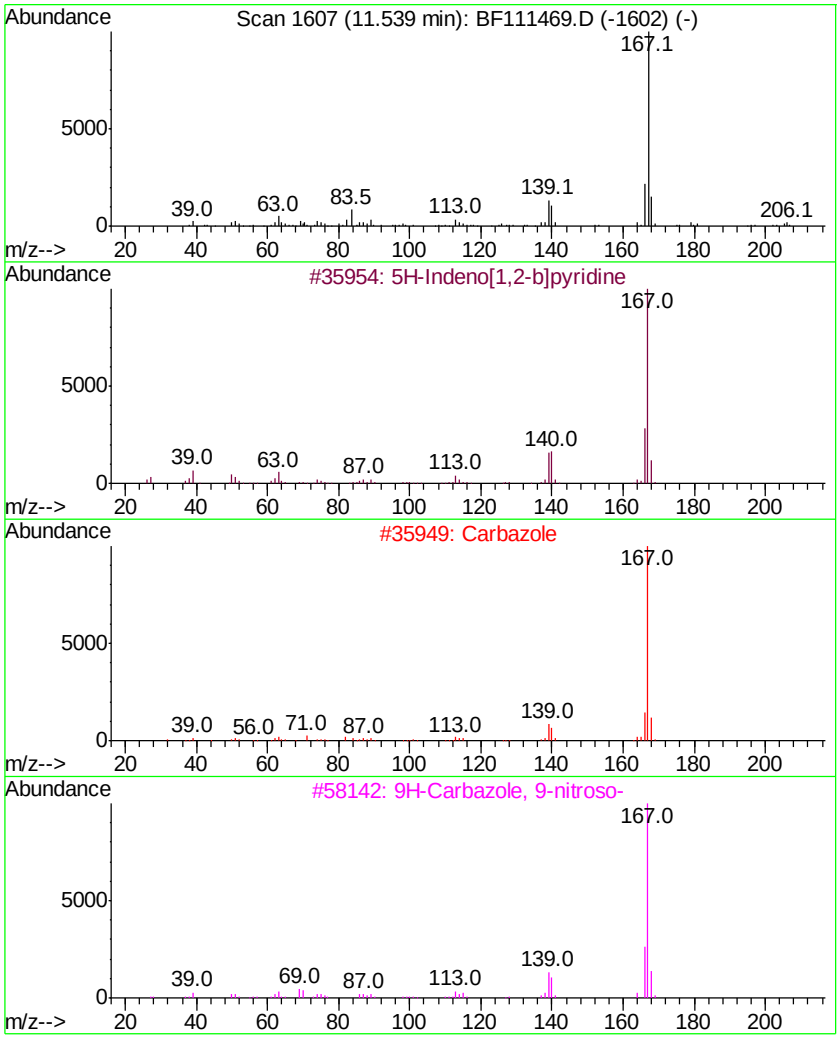
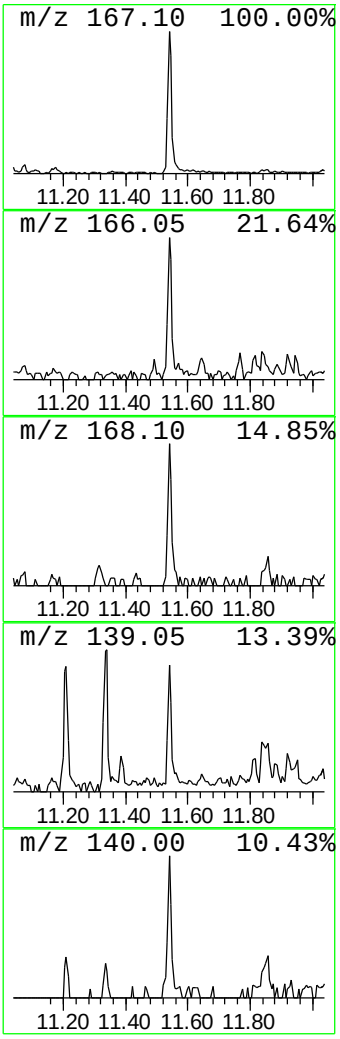
Peak Number 7 5H-Indeno[1,2-b]pyridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	2.83 ng	153626	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	Carbazole	167	C12H9N	000086-74-8	91
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	91
4	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	83
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80





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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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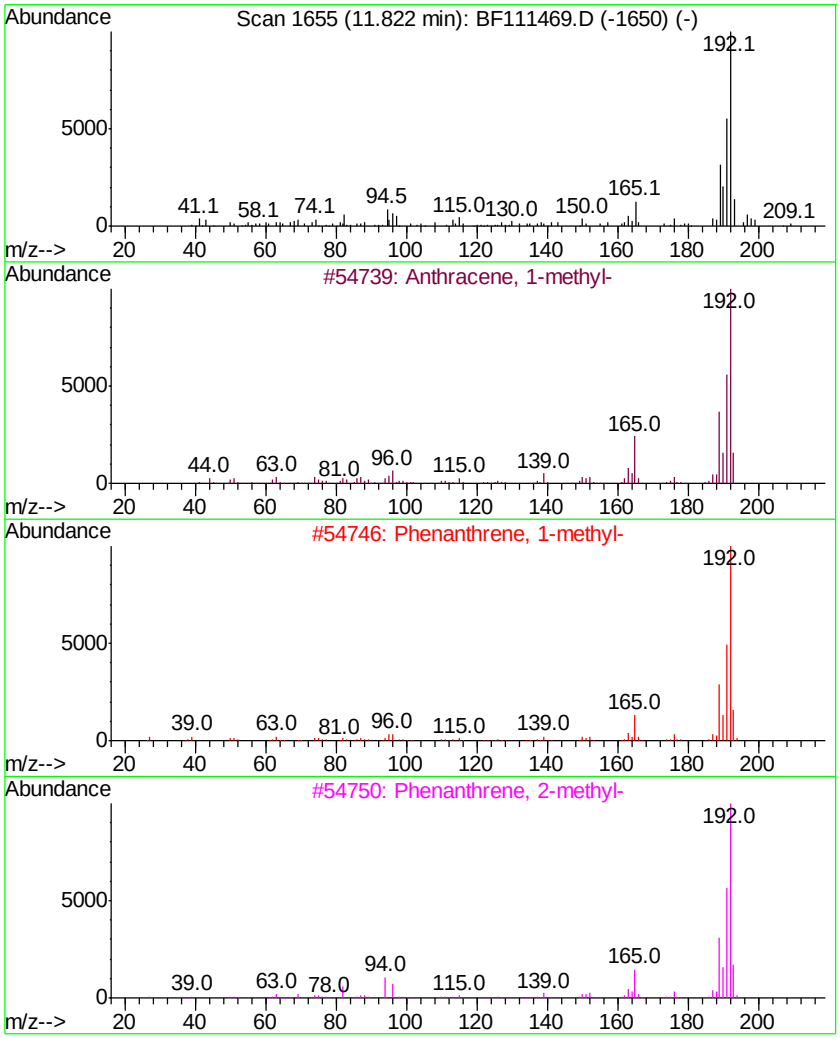
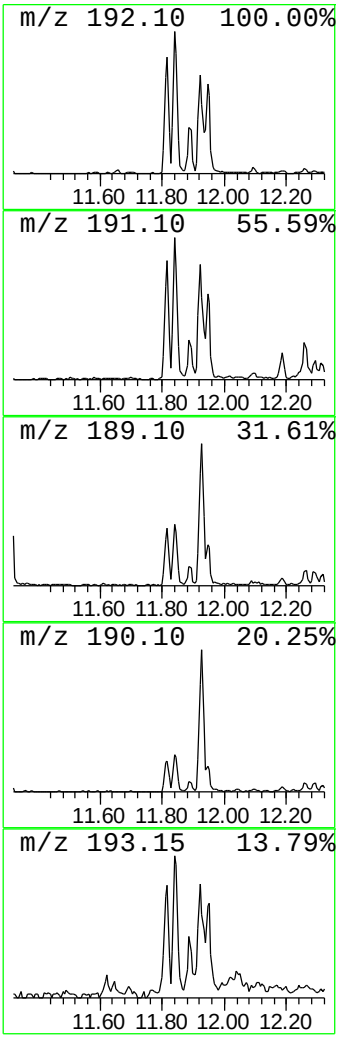
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.17 ng	226569	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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ClientSampleId :
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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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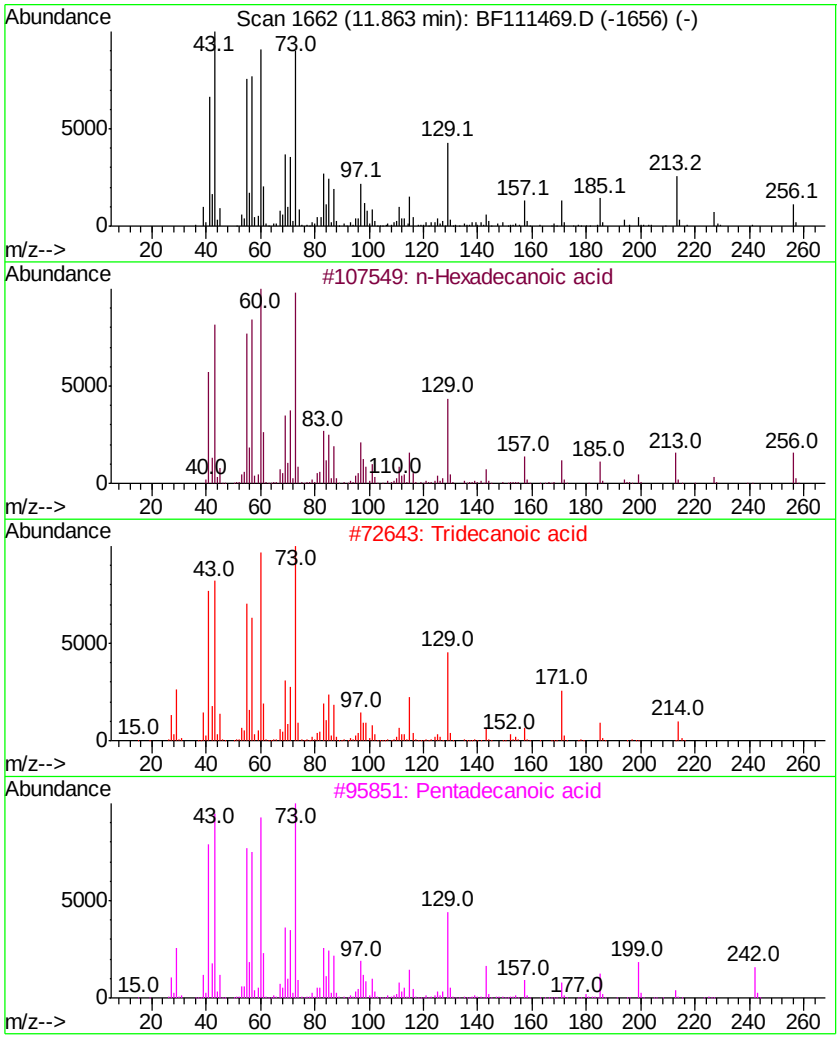
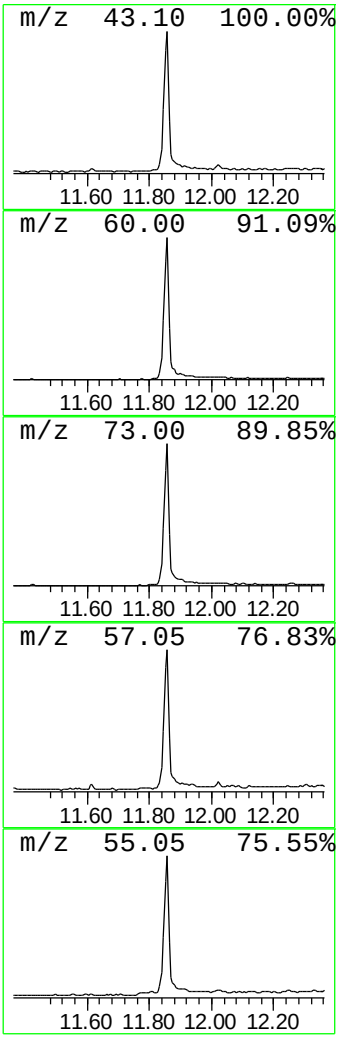
Peak Number 9 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	42.00 ng	2283170	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Misc :
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Instrument : BNA_F
ClientSampleId : BORING-SAMPLE-CBH-591

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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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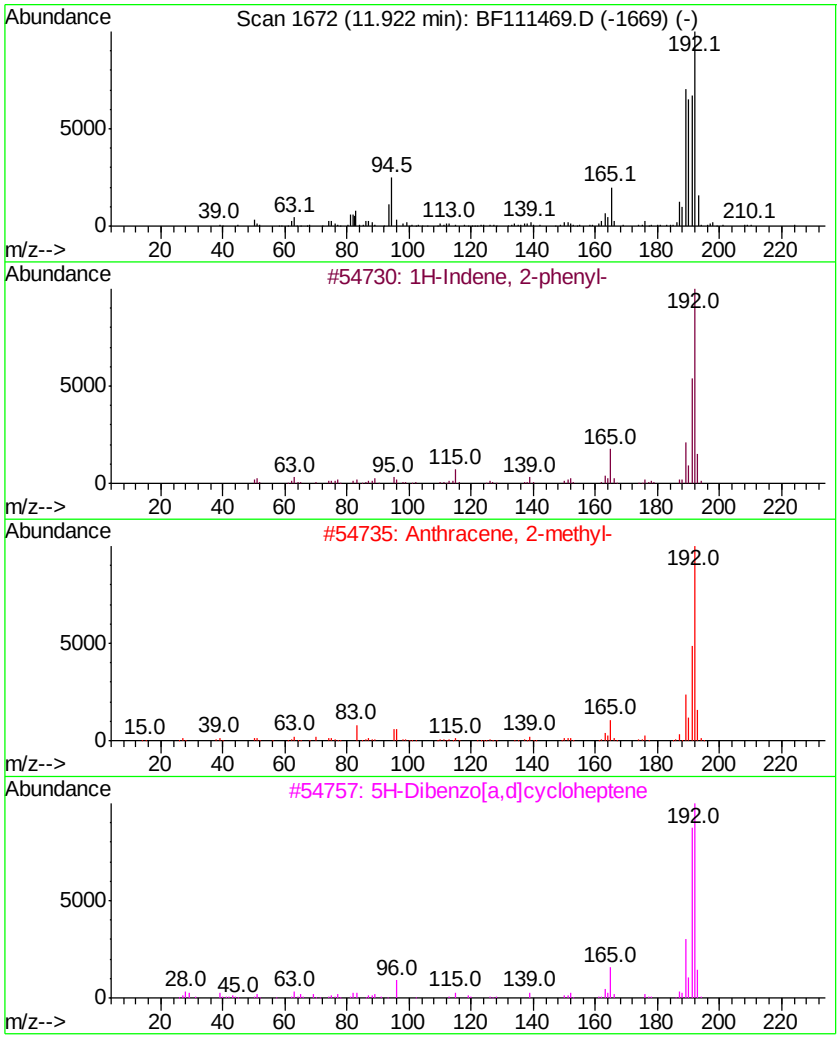
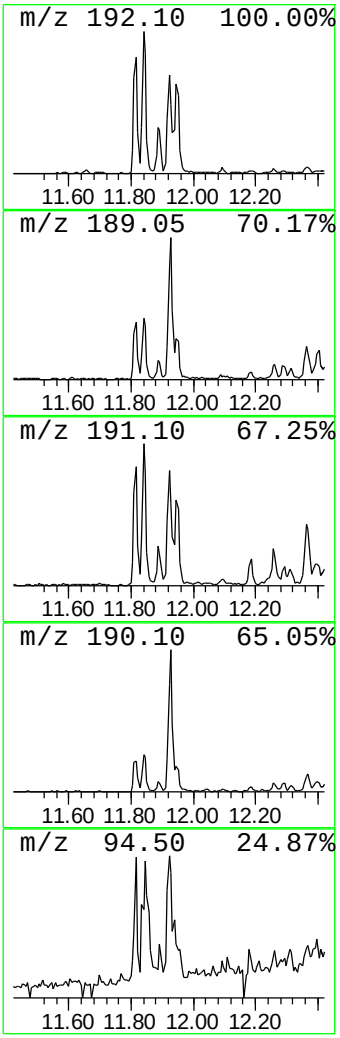
Peak Number 10 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	7.10 ng	386036	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	53





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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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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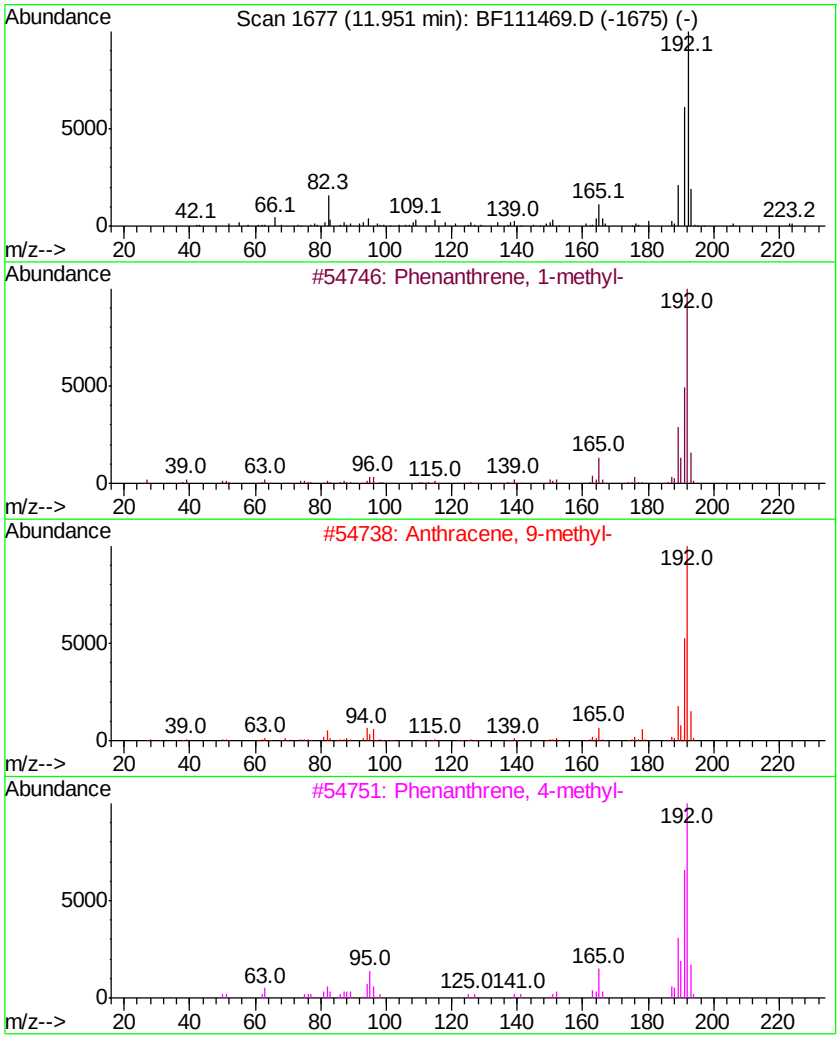
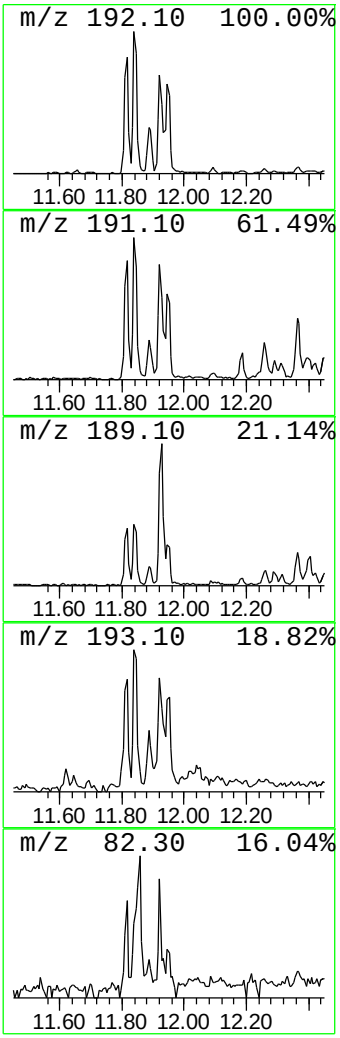
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.30 ng	125267	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72





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Sample : J6316-05
Misc :
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Instrument : BNA_F
ClientSampleId : BORING-SAMPLE-CBH-591

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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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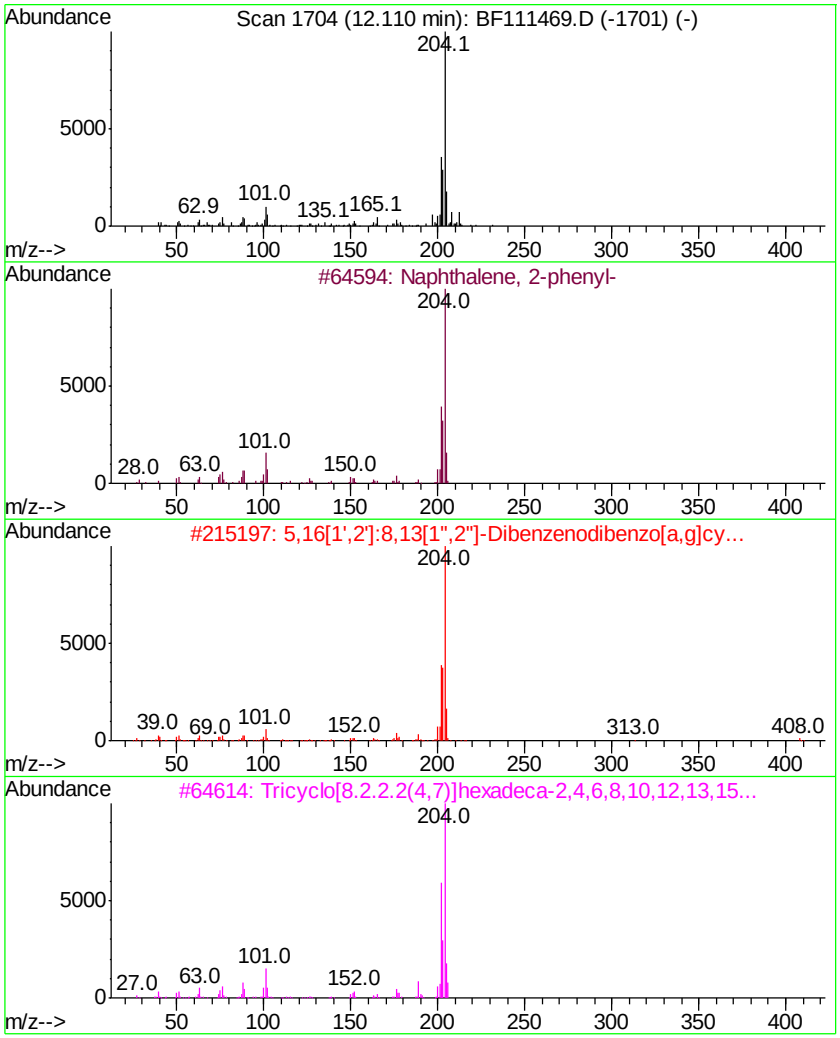
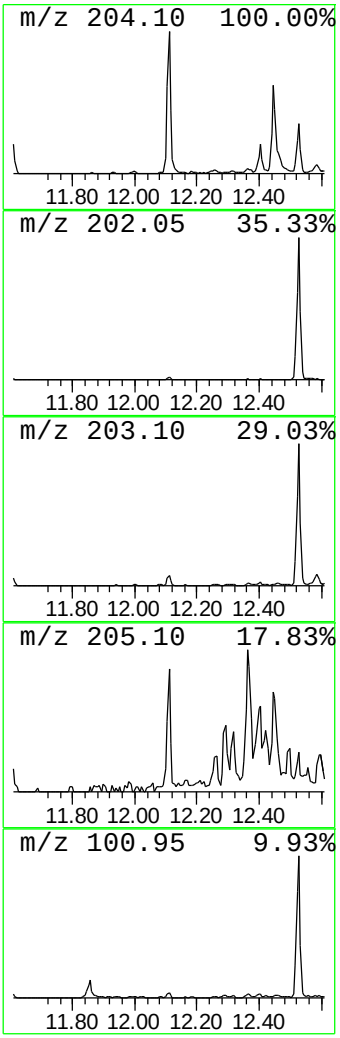
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.38 ng	129557	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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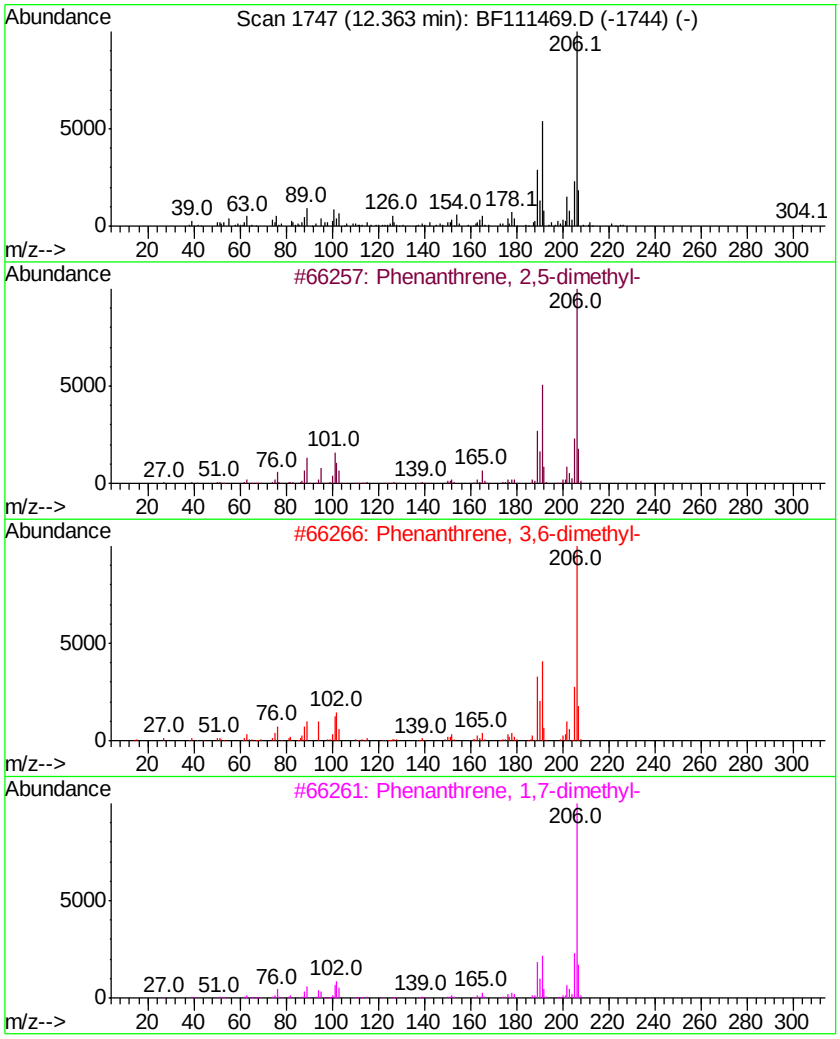
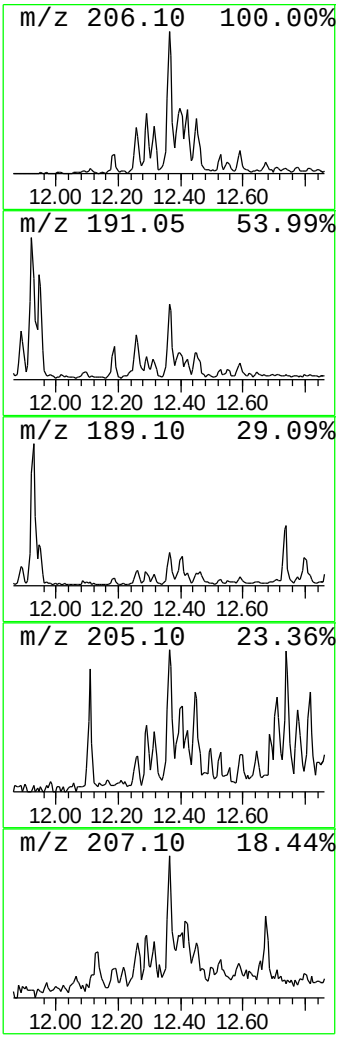
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	3.12 ng	169379	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





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Misc :
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Instrument : BNA_F
ClientSampleId : BORING-SAMPLE-CBH-591

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

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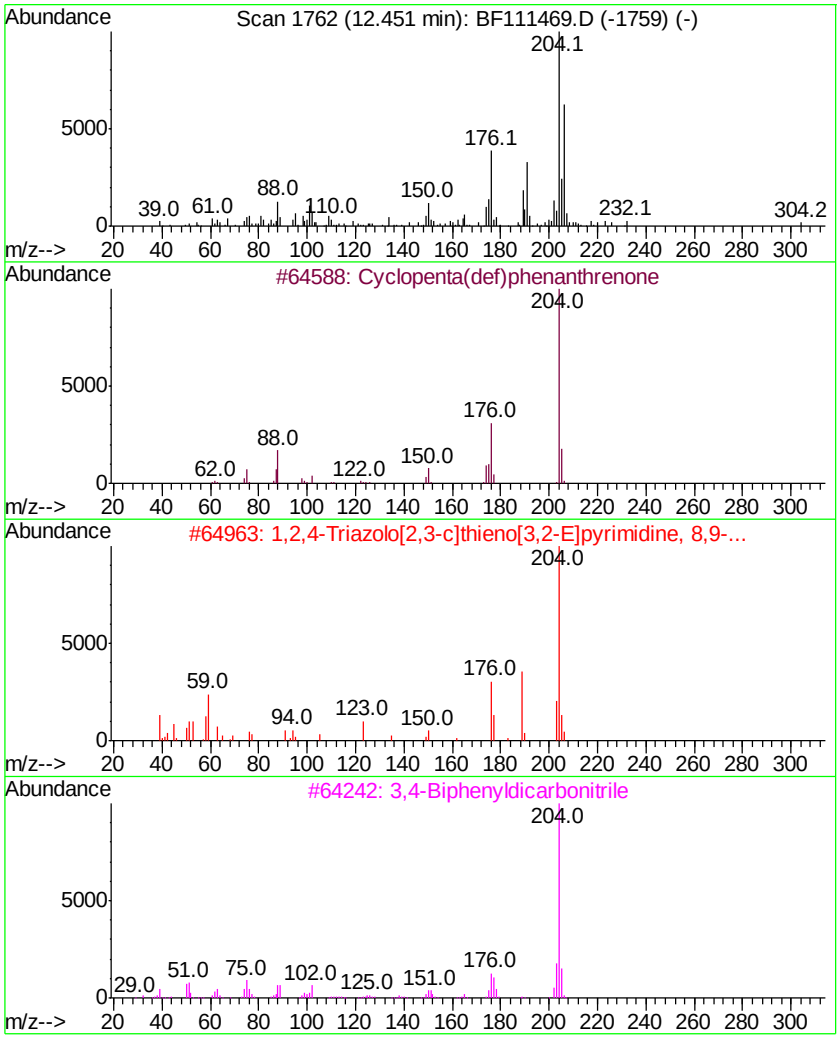
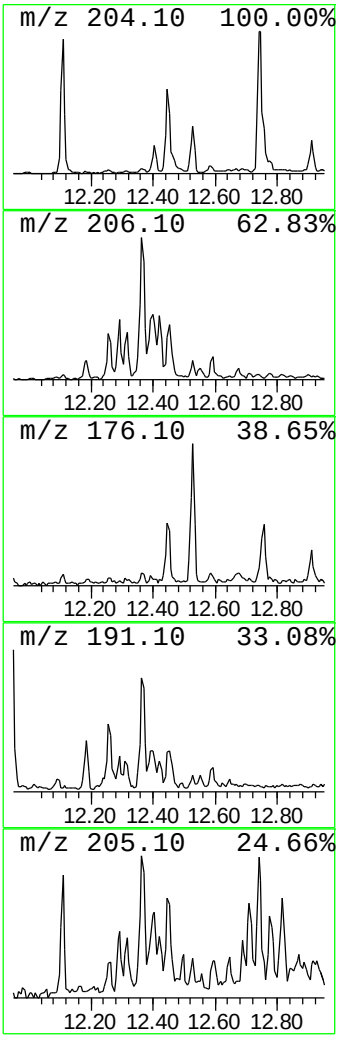
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.44 ng	132581	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	47
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43





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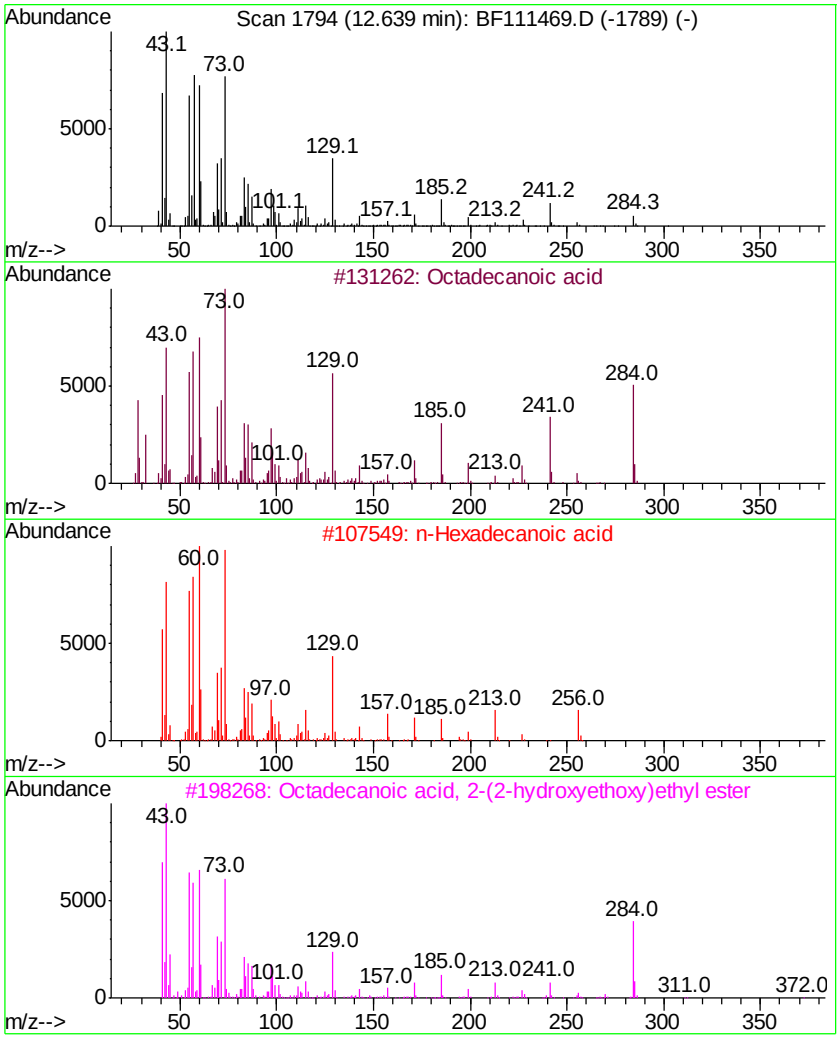
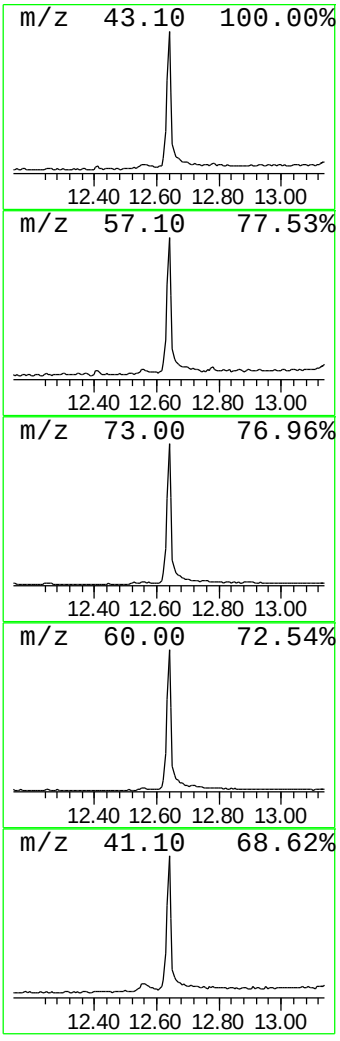
Peak Number 15 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	13.47 ng	2007960	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	60





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

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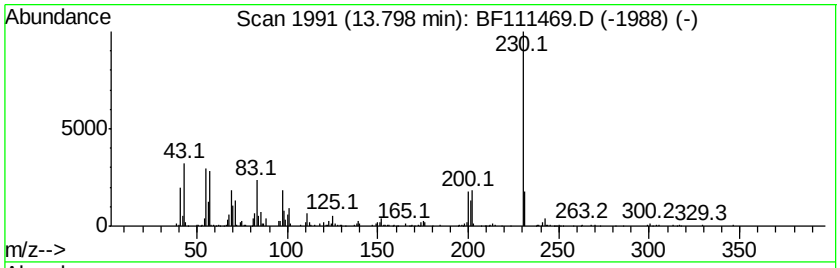
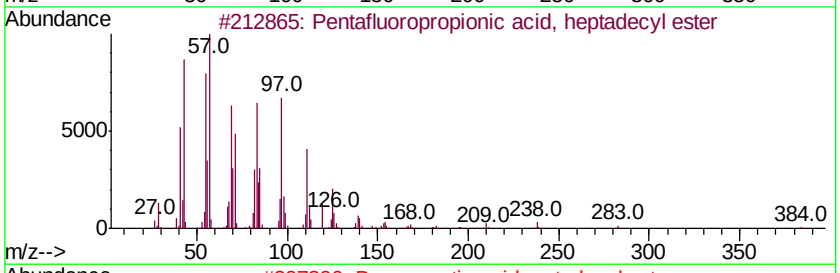
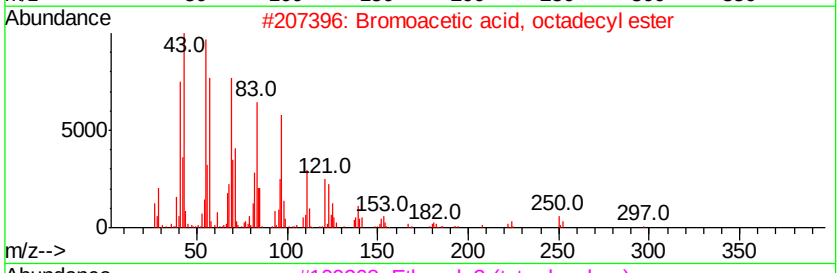
Peak Number 16 Pentafluoropropionic acid, ... Concentration Rank 12

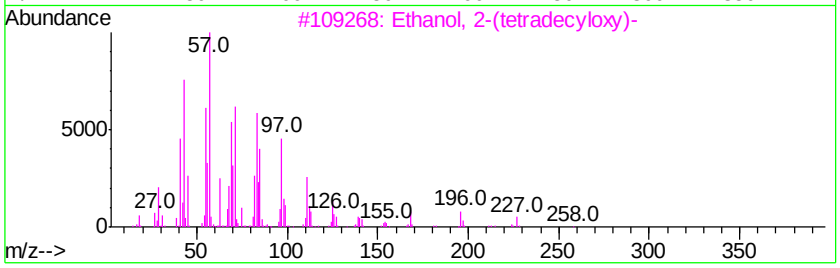
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.92 ng	583698	Chrysene-d12	13.96

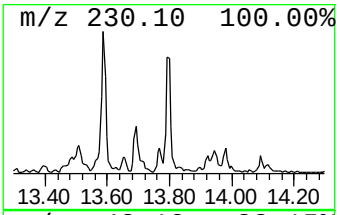
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
5	Behenic alcohol	326	C22H46O	000661-19-8	74

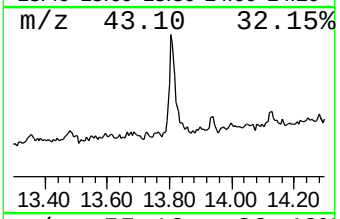


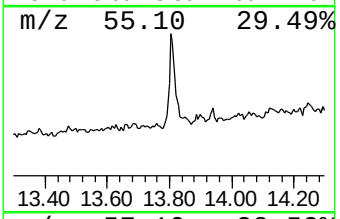


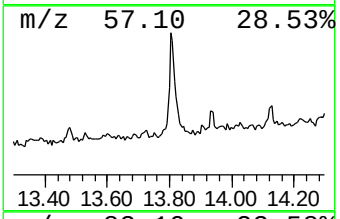


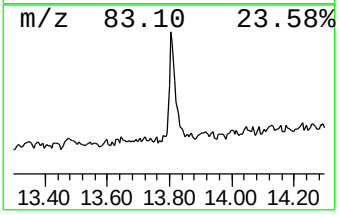












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111469.D
Acq On : 15 Dec 2018 15:31
Operator : JU/SJ
Sample : J6316-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BORING-SAMPLE-CBH-591

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

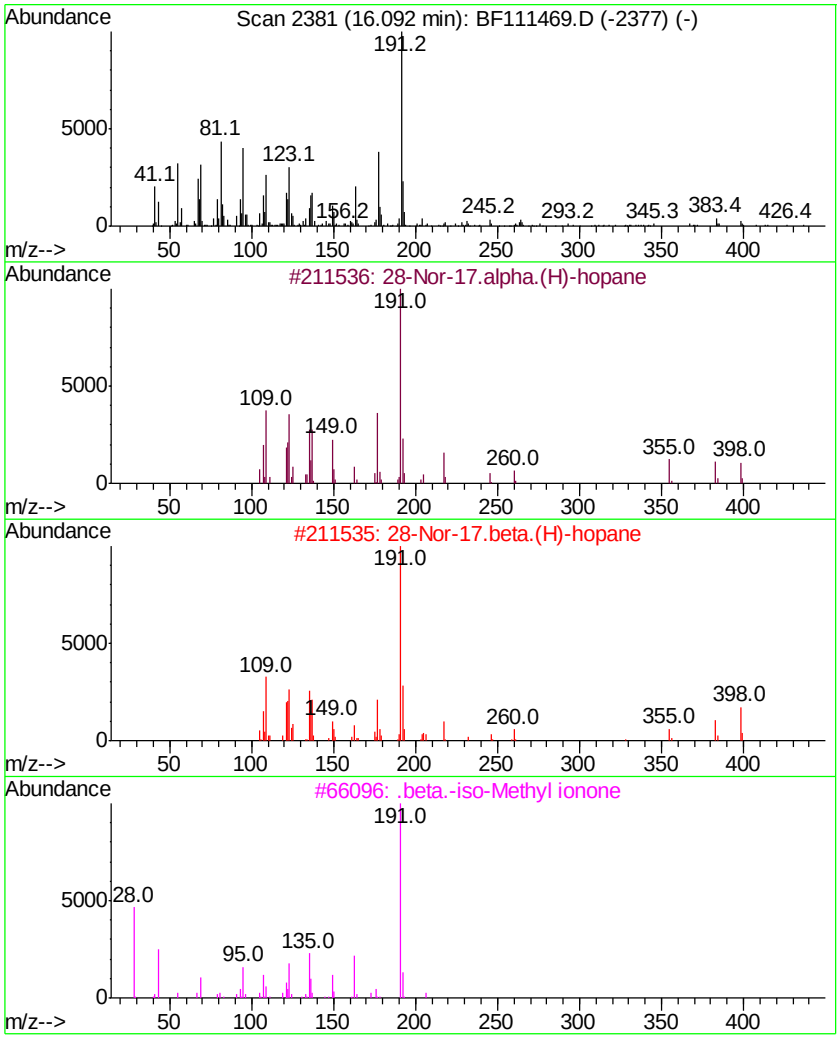
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

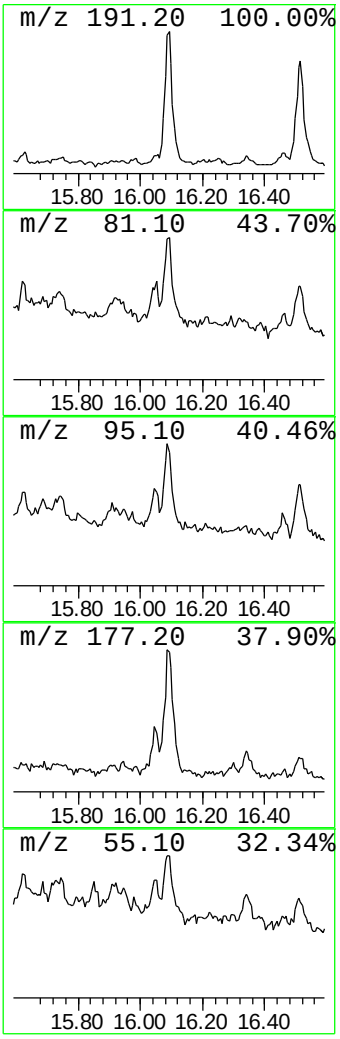
****

Peak Number 18 28-Nor-17.alpha.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	22.93 ng	926641	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	64
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	45
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	35
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35
5	4H-1,2,4-Triazole, 3-ethyl-5-(3,...	191	C9H13N5	328532-29-2	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111469.D
Acq On : 15 Dec 2018 15:31
Operator : JU/SJ
Sample : J6316-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BORING-SAMPLE-CBH-591

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

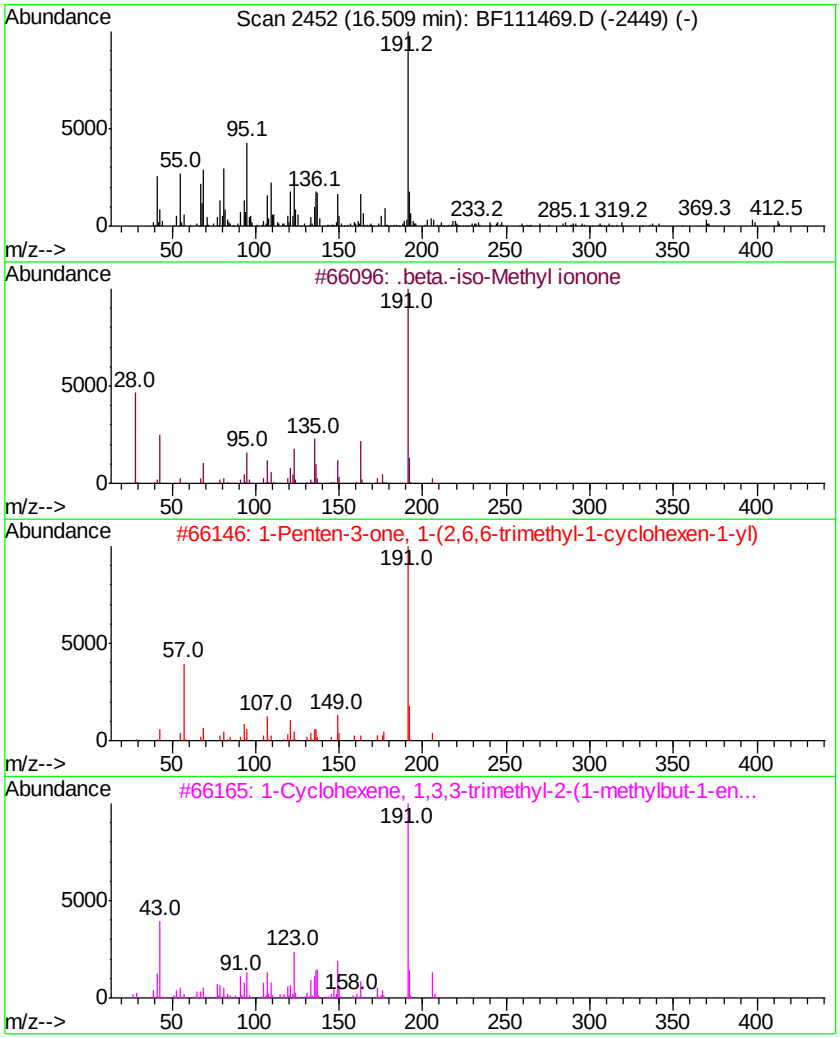
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

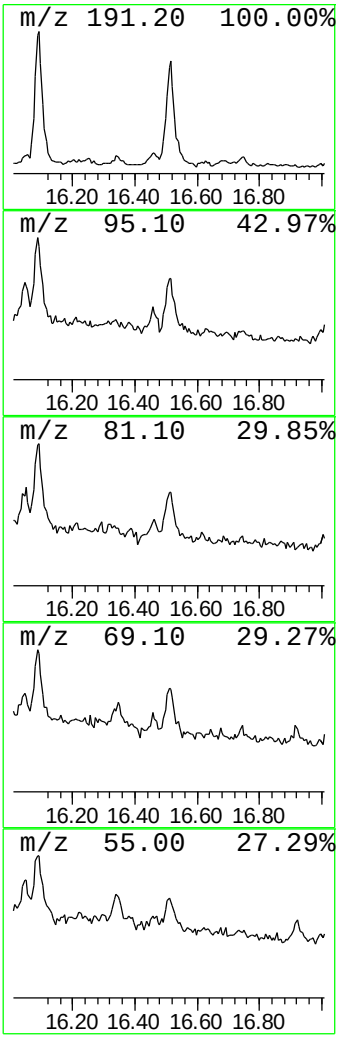
****

Peak Number 19 .beta.-iso-Methyl ionone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	18.10 ng	731267	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	58
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	55
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	52
4	2-Fluoro-3-trifluoromethylbenzoi...	402	C18H8Cl2F4O2	1000331-62-8	50
5	4H-1,2,4-Triazole, 3-ethyl-5-(3,...	191	C9H13N5	328532-29-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111469.D
Acq On : 15 Dec 2018 15:31
Operator : JU/SJ
Sample : J6316-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BORING-SAMPLE-CBH-591

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

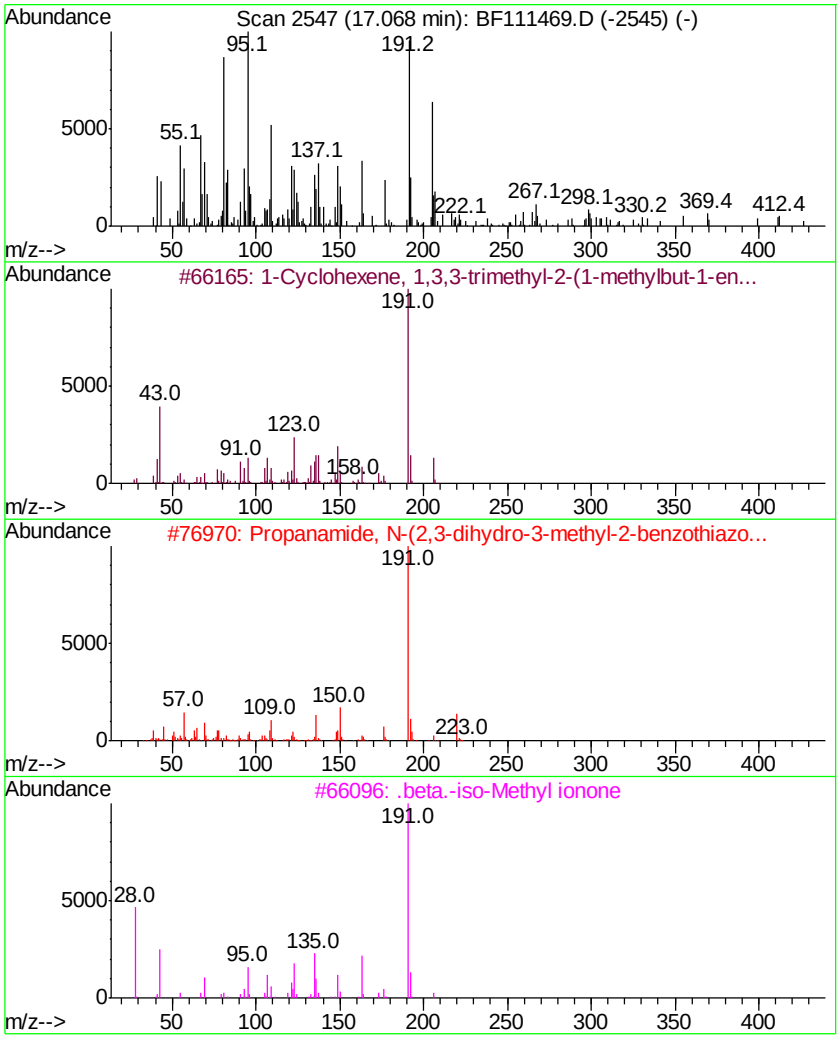
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

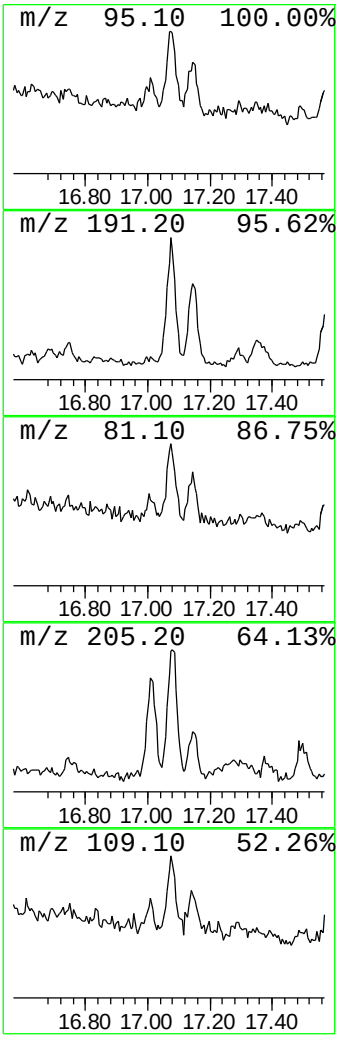
****

Peak Number 20 1-Cyclohexene, 1,3,3-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	12.04 ng	486574	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	50
2	Propanamide, N-(2,3-dihydro-3-me...	220	C11H12N2OS	332413-15-7	41
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
4	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	27
5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\
Data File : BF111469.D
Acq On : 15 Dec 2018 15:31
Operator : JU/SJ
Sample : J6316-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BORING-SAMPLE-CBH-591

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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
2-Pentanone, 4-hy...	5.00	4.0	ng	212613	1	6.79	1070850	20.0
unknown6.57	6.57	80.0	ng	4282070	1	6.79	1070850	20.0
Benzene, (1,3-dim...	7.65	3.1	ng	210512	2	8.07	1372950	20.0
Benzene, 1-methyl...	8.29	2.5	ng	167934	2	8.07	1372950	20.0
o-Cymene	8.35	2.8	ng	195299	2	8.07	1372950	20.0
5H-Indeno[1,2-b]p...	11.54	2.8	ng	153626	4	11.31	1087140	20.0
Anthracene, 1-met...	11.82	4.2	ng	226569	4	11.31	1087140	20.0
n-Hexadecanoic acid	11.86	42.0	ng	2283170	4	11.31	1087140	20.0
1H-Indene, 2-phenyl-	11.92	7.1	ng	386036	4	11.31	1087140	20.0
Phenanthrene, 1-m...	11.95	2.3	ng	125267	4	11.31	1087140	20.0
Naphthalene, 2-ph...	12.11	2.4	ng	129557	4	11.31	1087140	20.0
Phenanthrene, 2,5...	12.36	3.1	ng	169379	4	11.31	1087140	20.0
Cyclopenta(def)ph...	12.45	2.4	ng	132581	4	11.31	1087140	20.0
Octadecanoic acid	12.64	13.5	ng	2007960	5	13.96	2981440	20.0
Pentafluoropropio...	13.80	3.9	ng	583698	5	13.96	2981440	20.0
28-Nor-17.alpha.(...	16.09	22.9	ng	926641	6	15.40	808224	20.0
.beta.-iso-Methyl...	16.51	18.1	ng	731267	6	15.40	808224	20.0
1-Cyclohexene, 1,...	17.07	12.0	ng	486574	6	15.40	808224	20.0