LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121093.D
Acq On : 29 Jul 2020 3:30
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

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-BF071620.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	5.434	564	569	572	rVV	3039367	3007582	37.89%	4.064%
2	6.457	738	743	752	rBV	2803054	3054322	38.48%	4.127%
3	6.816	800	804	807	rBV	1223627	1063045	13.39%	1.436%
4	7.381	893	900	903	rBV	2192306	2150997	27.10%	2.906%
5	8.098	1018	1022	1024	rBV	1632647	1302110	16.40%	1.759%
6	8.116	1024	1025	1030	rVB	106683	85474	1.08%	0.115%
7	8.792	1137	1140	1142	rBV	106521	114289	1.44%	0.154%
8	9.175	1200	1205	1208	rBV	4020218	3733736	47.04%	5.045%
9	9.316	1226	1229	1234	rVB3	85957	106692	1.34%	0.144%
10	9.445	1246	1251	1255	rBV3	70261	85687	1.08%	0.116%
11	9.510	1259	1262	1264	rVV	197822	157465	1.98%	0.213%
12	9.569	1268	1272	1276	rBV	598784	541151	6.82%	0.731%
13	9.722	1291	1298	1303	rBV2	269774	528711	6.66%	0.714%
14	9.851	1314	1320	1323	rBV	1917255	1698886	21.40%	2.296%
15	9.880	1323	1325	1329	rVB2	217537	196536	2.48%	0.266%
16	9.975	1338	1341	1343	rVV2	122492	126467	1.59%	0.171%
17	10.004	1343	1346	1349	rVB2	132574	127262	1.60%	0.172%
18	10.051	1351	1354	1358	rBV	132879	147668	1.86%	0.200%
19	10.398	1410	1413	1419	rBV	162822	186085	2.34%	0.251%
20	10.551	1437	1439	1442	rBV2	111972	133009	1.68%	0.180%
21	10.610	1446	1449	1451	rBV	176602	185980	2.34%	0.251%
22	10.639	1451	1454	1458	rVV	2189942	2329571	29.35%	3.148%
23	10.675	1458	1460	1465	rVB4	85359	115644	1.46%	0.156%
24	10.757	1471	1474	1479	rBV4	204974	282741	3.56%	0.382%
25	10.822	1482	1485	1487	rBV2	64106	81156	1.02%	0.110%
26	10.880	1493	1495	1498	rBV3	101261	105072	1.32%	0.142%
27	10.945	1503	1506	1509	rVV4	102502	122804	1.55%	0.166%
28	11.004	1513	1516	1519	rVV4	153293	171444	2.16%	0.232%
29	11.139	1536	1539	1543	rVB2	175456	163115	2.05%	0.220%
30	11.204	1544	1550	1552	rBV4	128033	206563	2.60%	0.279%
31	11.233	1552	1555	1557	rVV	112946	90062	1.13%	0.122%
32	11.292	1562	1565	1568	rBV3	87071	118095	1.49%	0.160%
33	11.339	1569	1573	1575	rVV	1707112	1671701	21.06%	2.259%
34	11.363	1575	1577	1580	rVV	1227088	1001344	12.61%	1.353%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121093.D
Acq On : 29 Jul 2020 3:30
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.392	1580	1582	1583	rVV	284082	206441	2.60%	0.279%
36	11.410	1583	1585	1588	rVB	539143	407754	5.14%	0.551%
37	11.445	1588	1591	1593	rBV2	167850	162817	2.05%	0.220%
38	11.474	1593	1596	1600	rVB2	227246	224226	2.82%	0.303%
39	11.551	1606	1609	1614	rBV2	188061	312673	3.94%	0.422%
40	11.633	1620	1623	1625	rBV	132288	107790	1.36%	0.146%
41	11.833	1653	1657	1660	rBV3	378670	475914	6.00%	0.643%
42	11.880	1660	1665	1668	rBV2	1172336	1485222	18.71%	2.007%
43	11.951	1674	1677	1679	rBV2	357958	337267	4.25%	0.456%
44	12.033	1687	1691	1693	rBV3	197586	289629	3.65%	0.391%
45	12.080	1697	1699	1702	rVB2	250084	200170	2.52%	0.270%
46	12.116	1703	1705	1706	rBV	143271	113238	1.43%	0.153%
47	12.133	1706	1708	1710	rVB	180235	133893	1.69%	0.181%
48	12.192	1716	1718	1720	rBV	115066	114219	1.44%	0.154%
49	12.280	1728	1733	1736	rBV2	382725	491405	6.19%	0.664%
50	12.316	1736	1739	1741	rBV	305083	276032	3.48%	0.373%
51	12.369	1745	1748	1749	rBV2	147909	143691	1.81%	0.194%
52	12.386	1749	1751	1756	rBV2	229845	306763	3.86%	0.414%
53	12.474	1763	1766	1773	rBV2	463502	731982	9.22%	0.989%
54	12.551	1775	1779	1782	rVV	2491708	2461432	31.01%	3.326%
55	12.592	1782	1786	1793	rVB	2021378	2414881	30.42%	3.263%
56	12.780	1812	1818	1821	rBV2	2046142	2596009	32.70%	3.508%
57	12.810	1821	1823	1833	rVB2	1061658	1395816	17.58%	1.886%
58	12.927	1839	1843	1850	rVB	3076721	3250114	40.94%	4.392%
59	13.063	1863	1866	1868	rBV	635628	546513	6.88%	0.738%
60	13.110	1868	1874	1876	rVV	507104	719215	9.06%	0.972%
61	13.174	1883	1885	1887	rBV	305491	213880	2.69%	0.289%
62	13.210	1889	1891	1893	rVB2	267654	208829	2.63%	0.282%
63	13.427	1926	1928	1934	rVB	393177	417638	5.26%	0.564%
64	13.616	1958	1960	1964	rVB	293979	289175	3.64%	0.391%
65	13.757	1982	1984	1986	rBV	279042	205028	2.58%	0.277%
66	13.821	1992	1995	2000	rVB2	1082246	1049803	13.23%	1.418%
67	13.974	2016	2021	2024	rBV3	1575960	2574199	32.43%	3.478%
68	14.004	2024	2026	2031	rVB	1193853	1179752	14.86%	1.594%
69	14.457	2100	2103	2106	rVB3	854178	917158	11.55%	1.239%
70	14.827	2164	2166	2169	rVB	422911	364115	4.59%	0.492%
71	15.021	2194	2199	2201	rBV	1056023	1648197	20.76%	2.227%

LSC Area Percent Report

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Acq On : 29 Jul 2020 3:30
Operator : JU/CG
Sample : L3430-02
Misc :
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Instrument : BNA_F
ClientSampleId : TS2

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.086	2207	2210	2213	rBV	1038576	1275937	16.07%	1.724%
73	15.115	2213	2215	2220	rVB2	792697	879447	11.08%	1.188%
74	15.315	2247	2249	2255	rVB	663378	793671	10.00%	1.072%
75	15.380	2256	2260	2265	rVB	958762	1273933	16.05%	1.721%
76	15.439	2267	2270	2273	rBV	636900	865926	10.91%	1.170%
77	15.892	2343	2347	2352	rVB	888464	1259441	15.87%	1.702%
78	17.492	2609	2619	2631	rBV5	1649294	7938017	100.00%	10.726%
79	18.280	2745	2753	2758	rBV4	957643	3073973	38.72%	4.154%
80	18.486	2783	2788	2800	rVB5	828698	2482682	31.28%	3.355%

Sum of corrected areas: 74008373

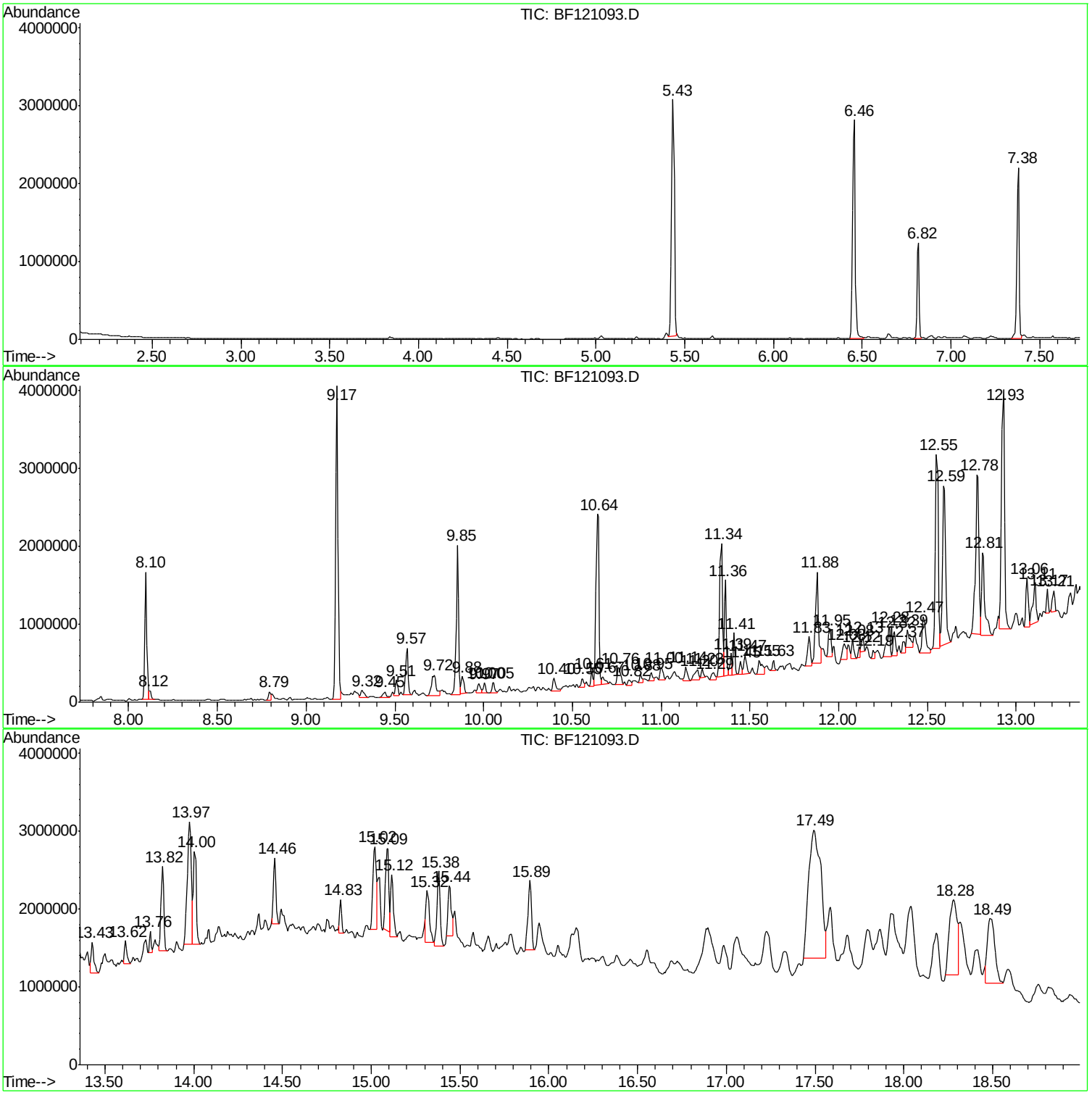
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121093.D
Acq On : 29 Jul 2020 3:30
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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\BF072820\
Data File : BF121093.D
Acq On : 29 Jul 2020 3:30
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

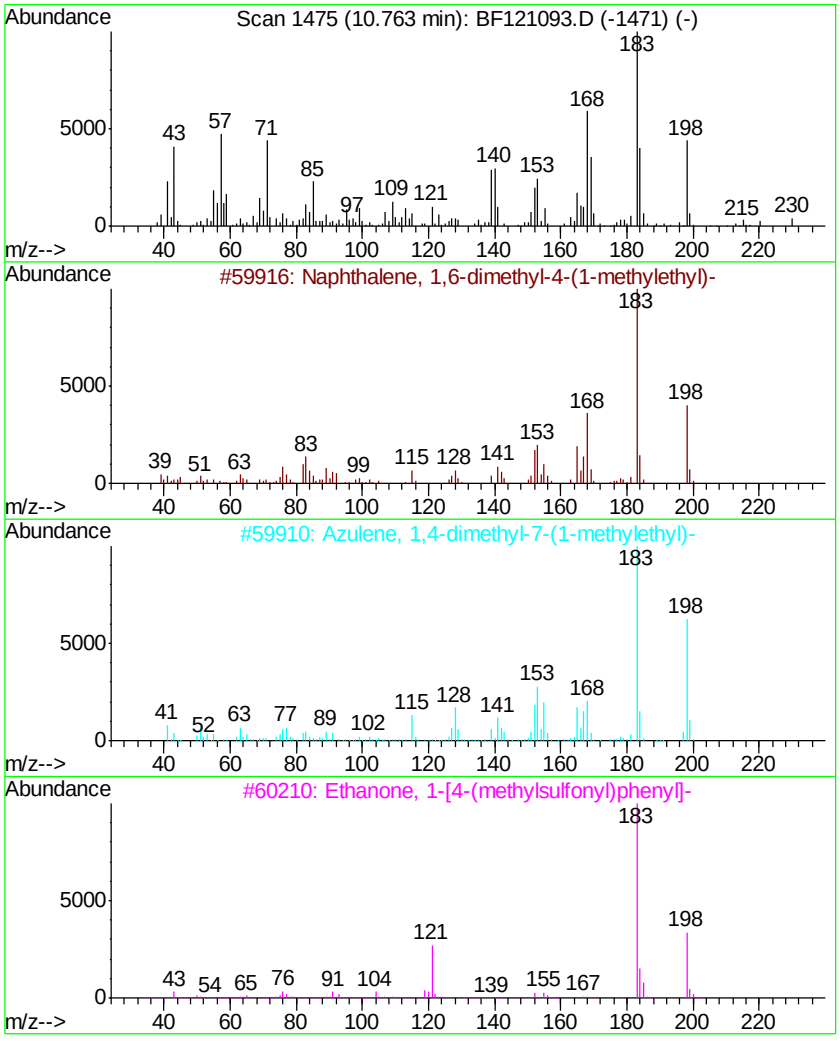
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

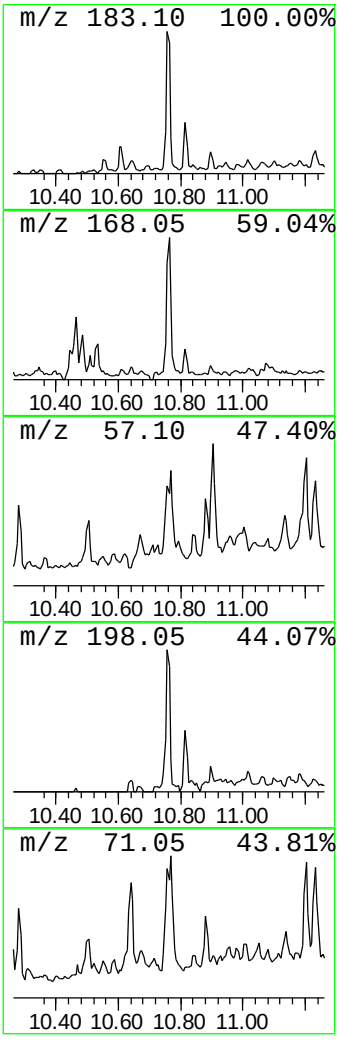
****

Peak Number 1 Naphthalene, 1,6-dimethyl-4... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.38 ng	282741	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	78
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	53
3	Ethanone, 1-[4-(methylsulfonyl)p...	198	C9H10O3S	010297-73-1	38
4	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	38
5	Dodecanoic acid, 2,4,5-trichloro...	378	C18H25Cl3O2	1000360-54-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121093.D
Acq On : 29 Jul 2020 3:30
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

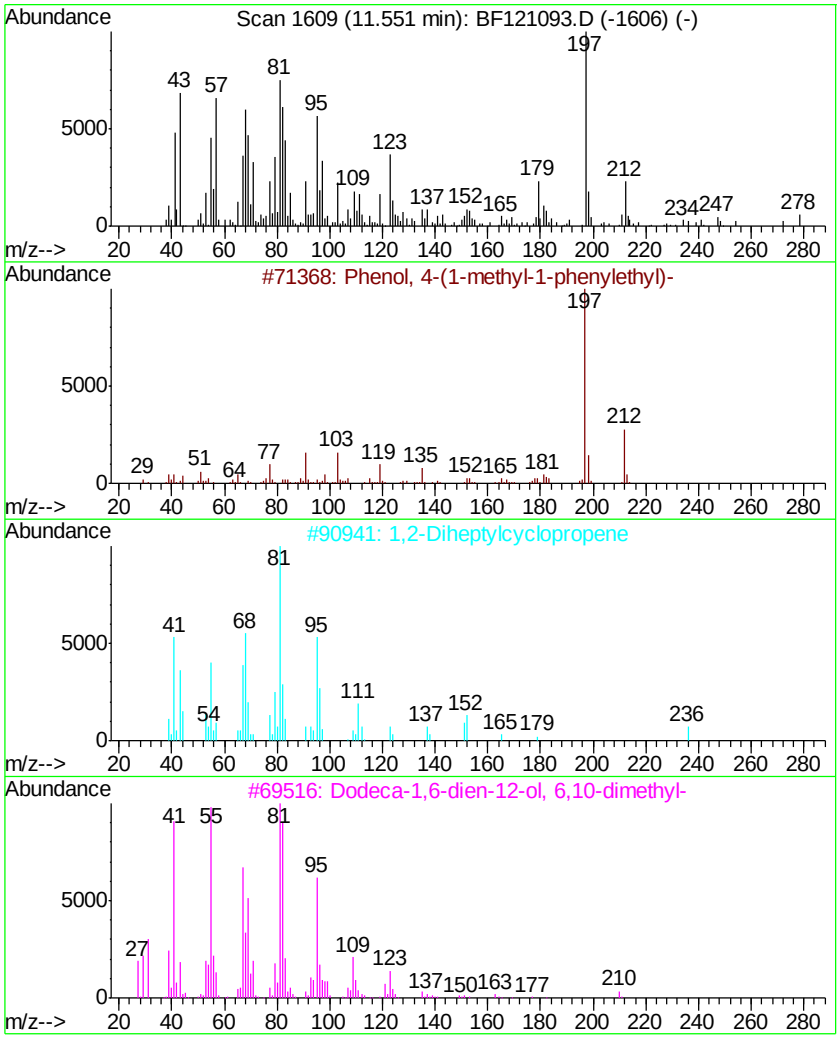
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

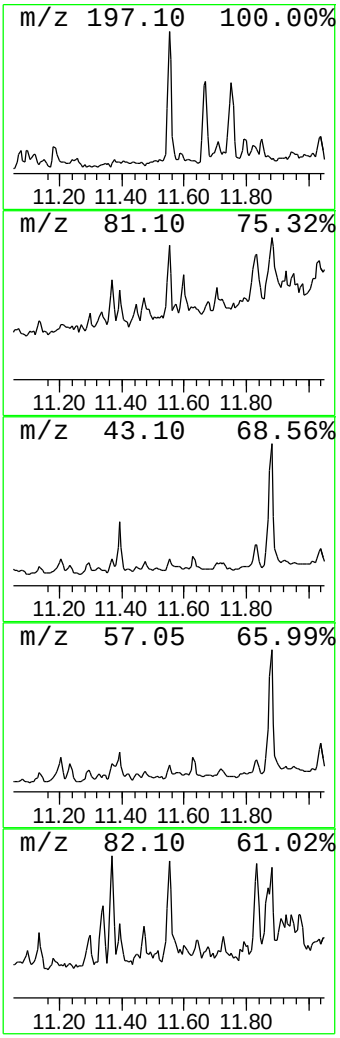
****

Peak Number 2 unknown11.55 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	3.74 ng	312673	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	38
2	1,2-Diheptylcyclopropene	236	C17H32	035365-53-8	35
3	Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	27
4	1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	22
5	2,5,9-Tetradecatriene, 3,12-diet...	248	C18H32	074685-87-3	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121093.D
Acq On : 29 Jul 2020 3:30
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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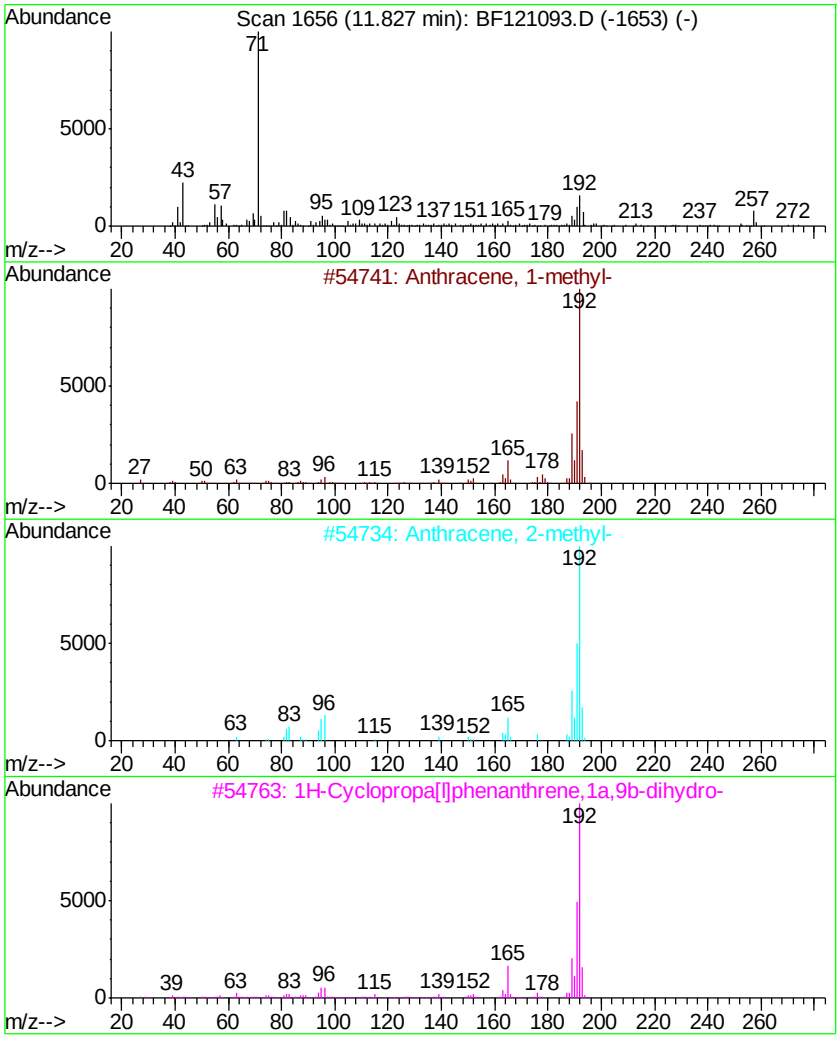
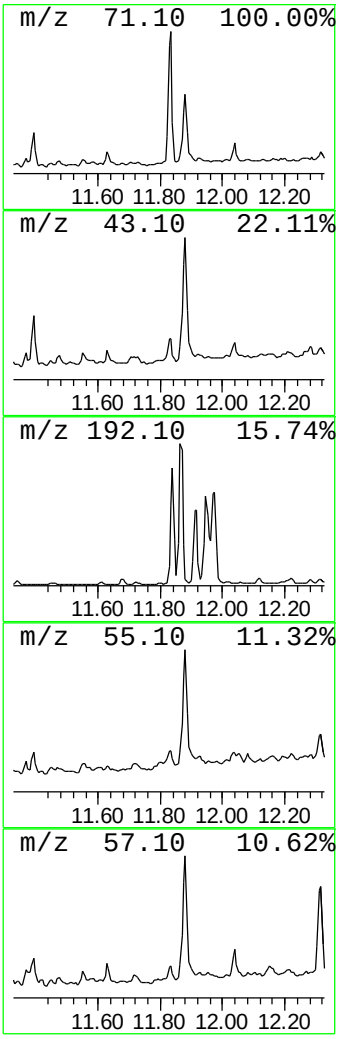
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	5.69 ng	475914	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	62
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	60
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121093.D
Acq On : 29 Jul 2020 3:30
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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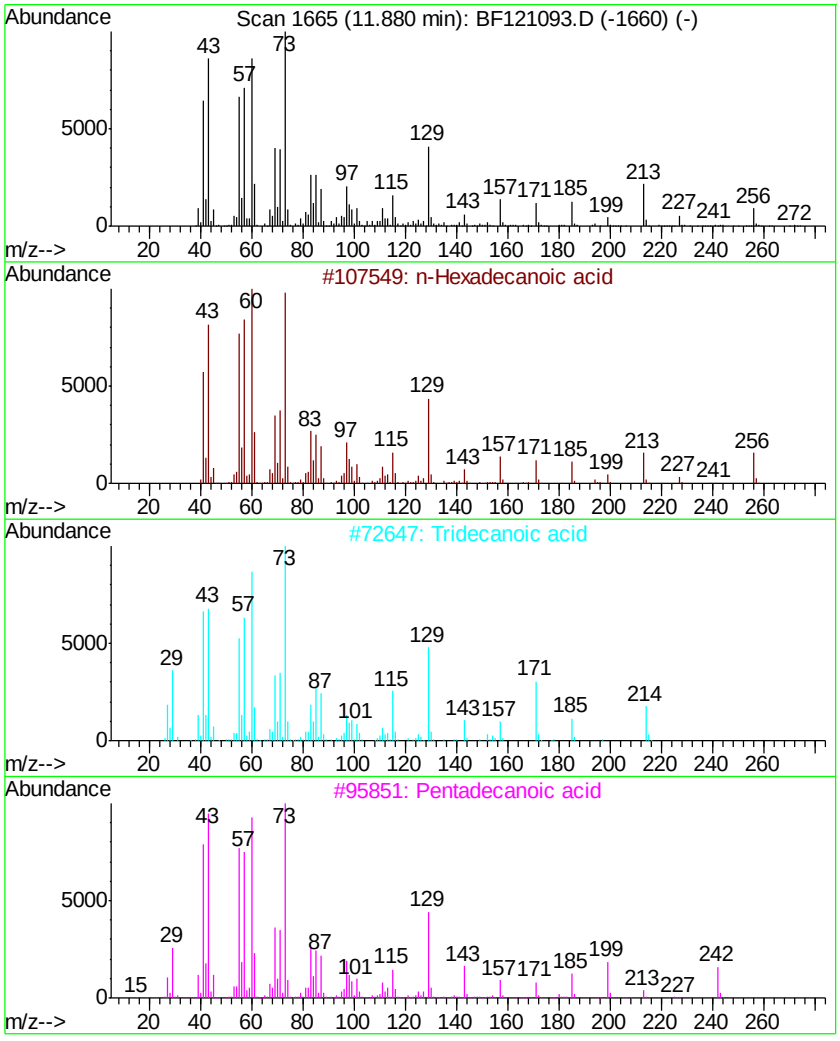
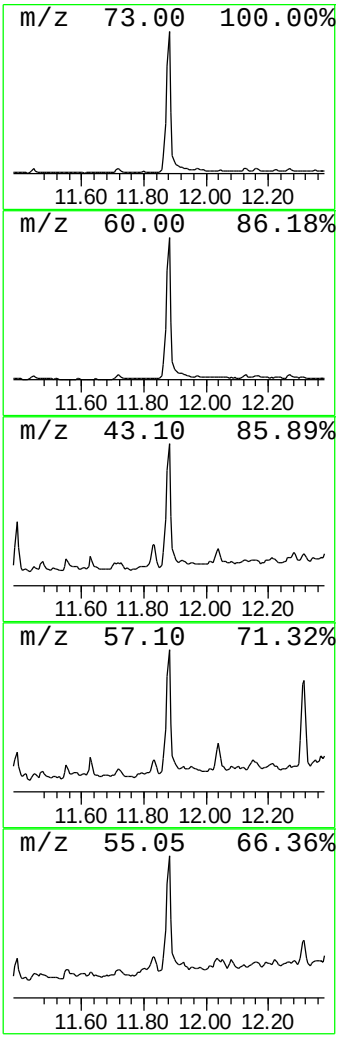
Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	17.77 ng	1485220	Phenanthrene-d10	11.34

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	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121093.D
Acq On : 29 Jul 2020 3:30
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

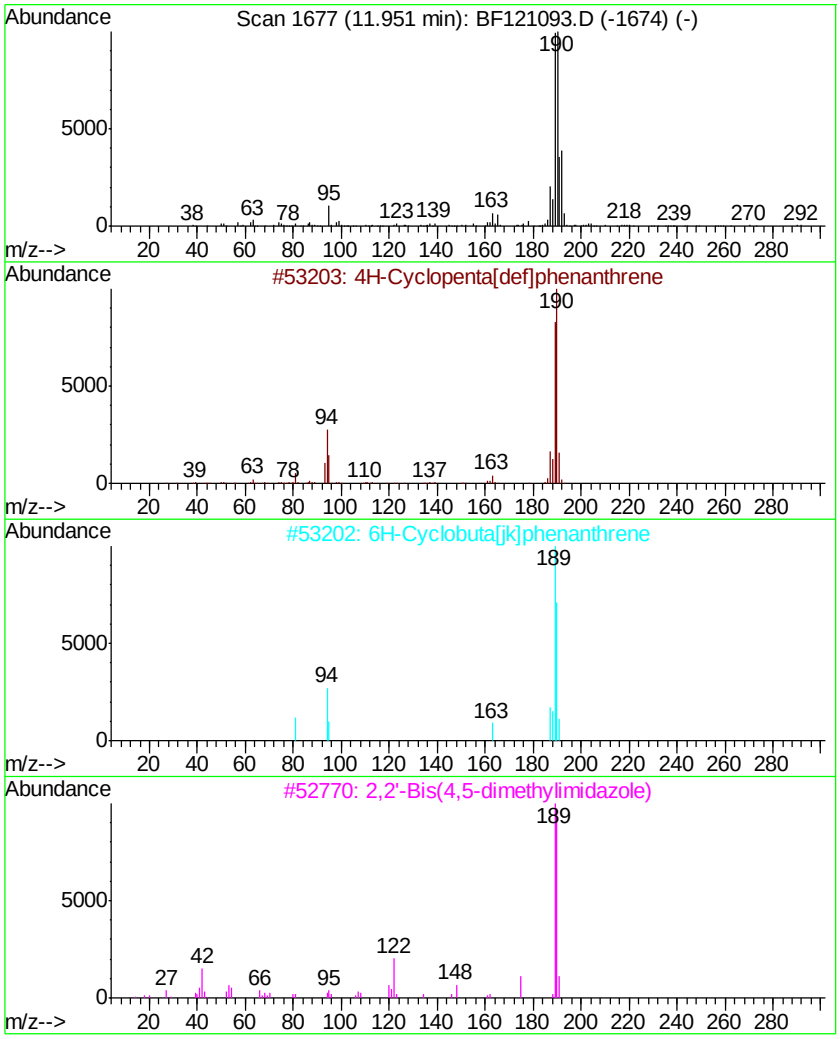
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

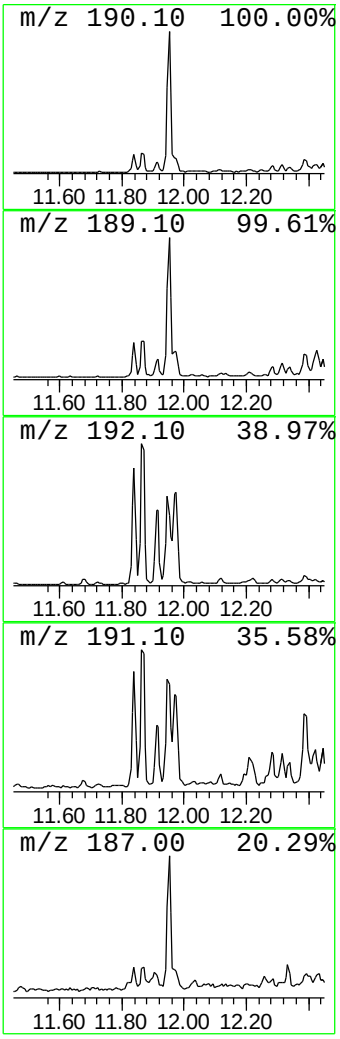
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.04 ng	337267	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	1-Aminocyclopentanecarboxylic ac...	361	C18H32ClNO4	1000329-17-0	25
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121093.D
Acq On : 29 Jul 2020 3:30
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Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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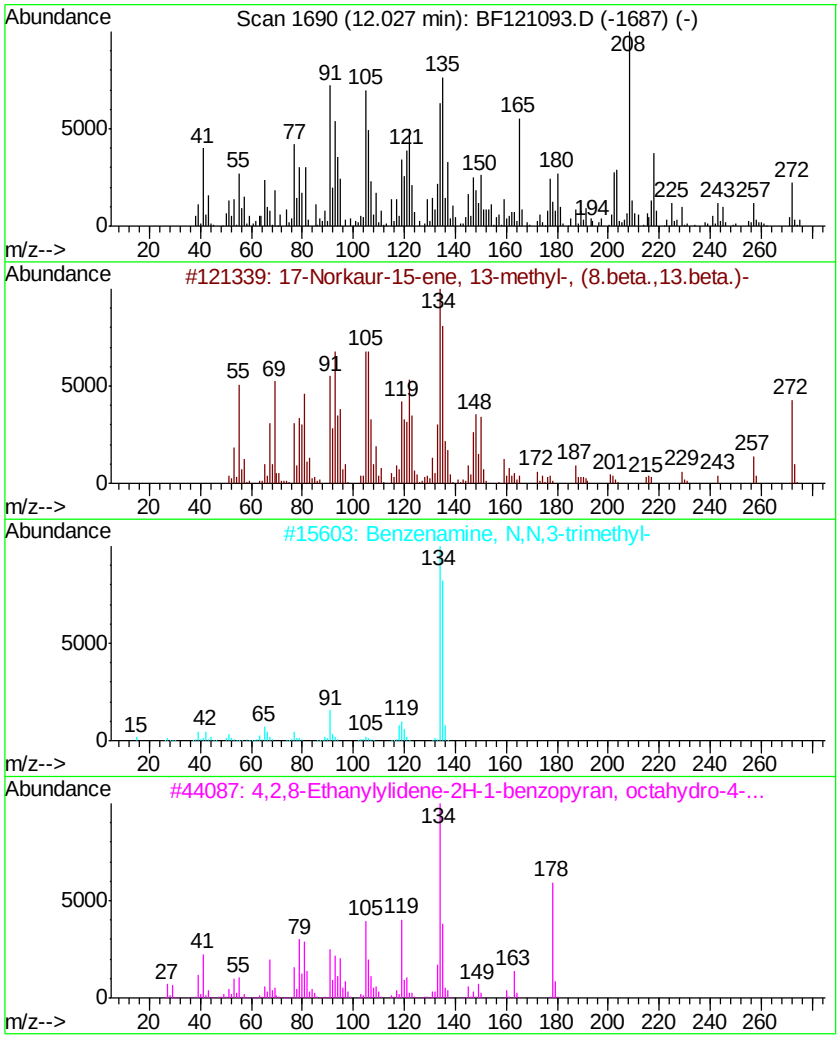
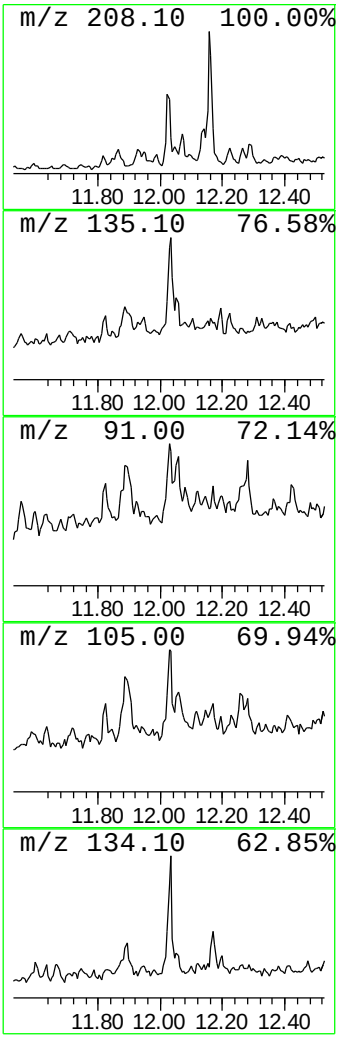
Peak Number 6 17-Norkaur-15-ene, 13-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.47 ng	289629	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Norkaur-15-ene, 13-methyl-, (...	272	C20H32	003564-54-3	93
2	Benzenamine, N,N,3-trimethyl-	135	C9H13N	000121-72-2	22
3	4,2,8-Ethanylylidene-2H-1-benzop...	178	C12H18O	078596-05-1	18
4	1H-Inden-1-one, 2,4,5,6,7,7a-hex...	178	C12H18O	060713-96-4	15
5	Bicyclopentyl-1,1'-diene	134	C10H14	000934-02-1	11





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Operator : JU/CG
Sample : L3430-02
Misc :
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Instrument : BNA_F
ClientSampleId : TS2

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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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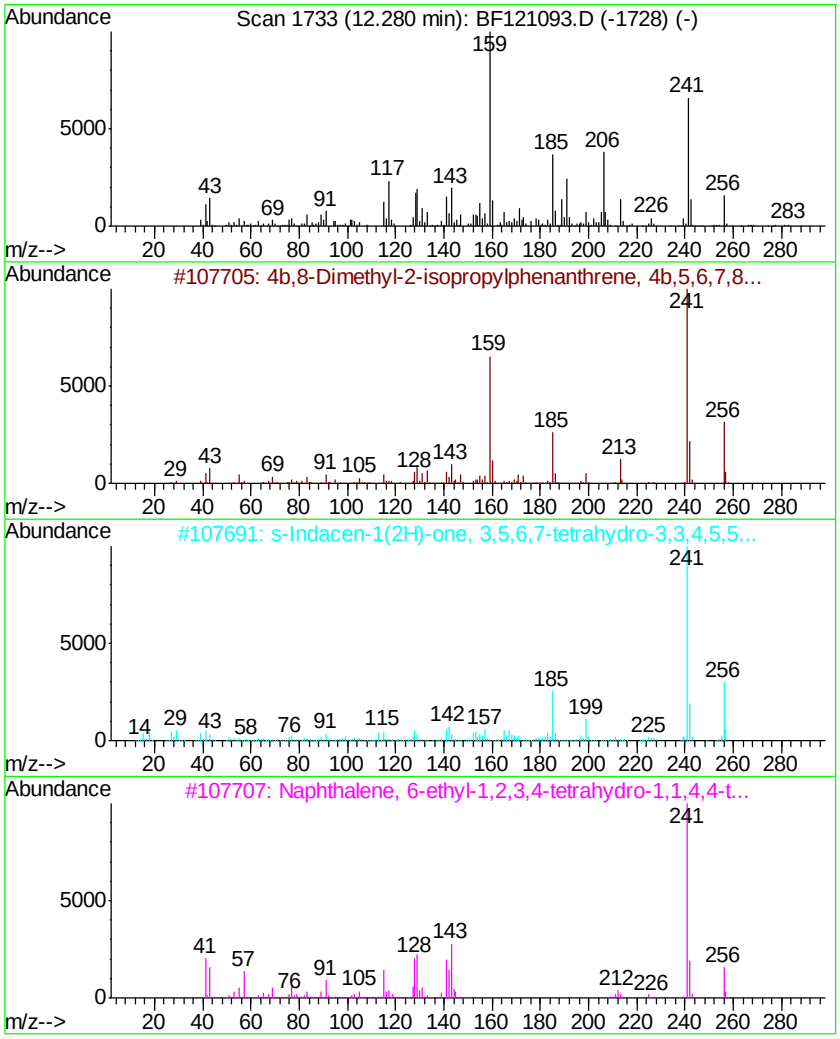
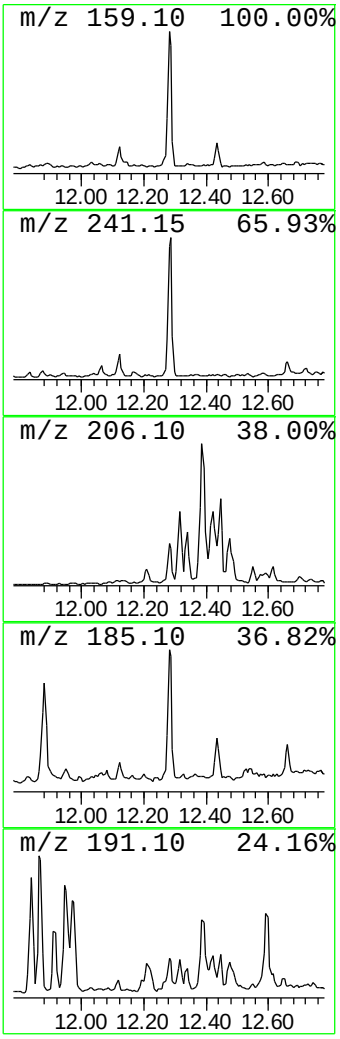
Peak Number 7 4b,8-Dimethyl-2-isopropylph... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	5.88 ng	491405	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	89
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	44
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
4	Ethanone, 1-(1,2,3,5,6,7-hexahyd...	256	C18H24O	056298-80-7	22
5	Phenol, 4-(1H-pyrrol-1-yl)-	159	C10H9NO	023351-09-9	18





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Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

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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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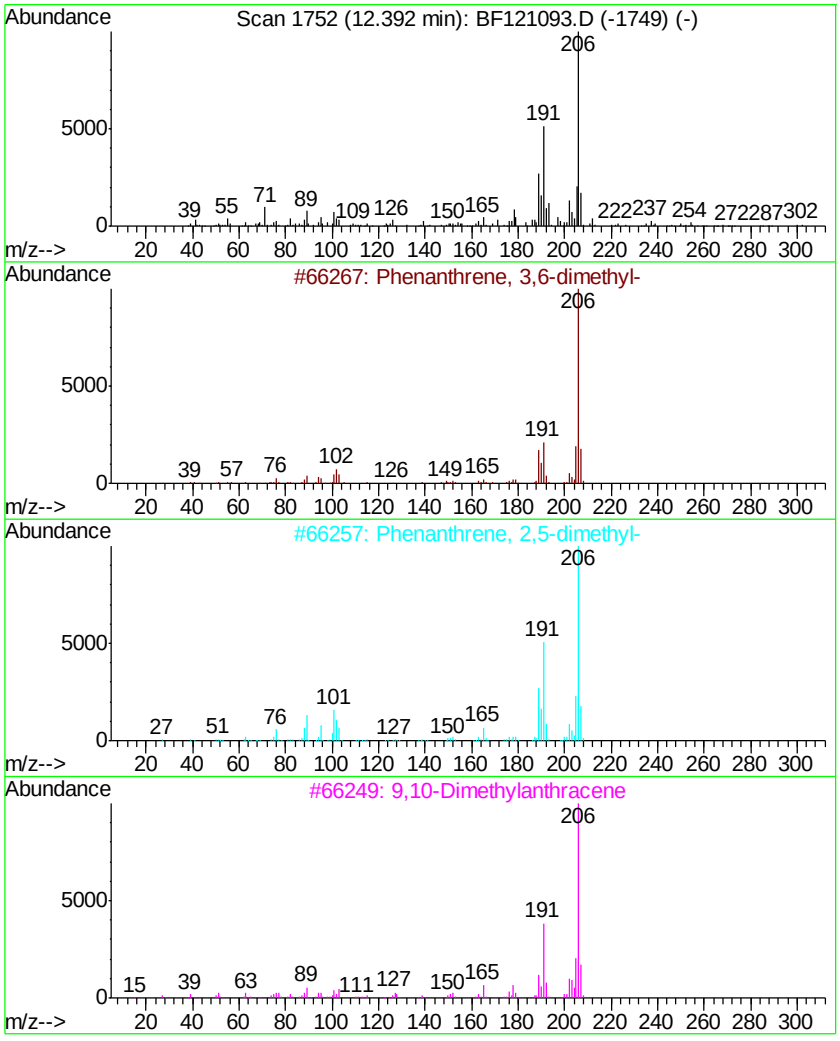
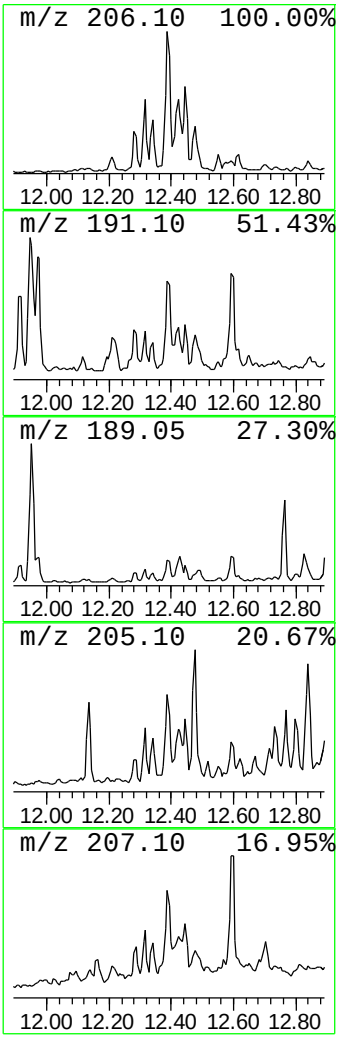
Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.67 ng	306763	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





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Instrument : BNA_F
ClientSampleId : TS2

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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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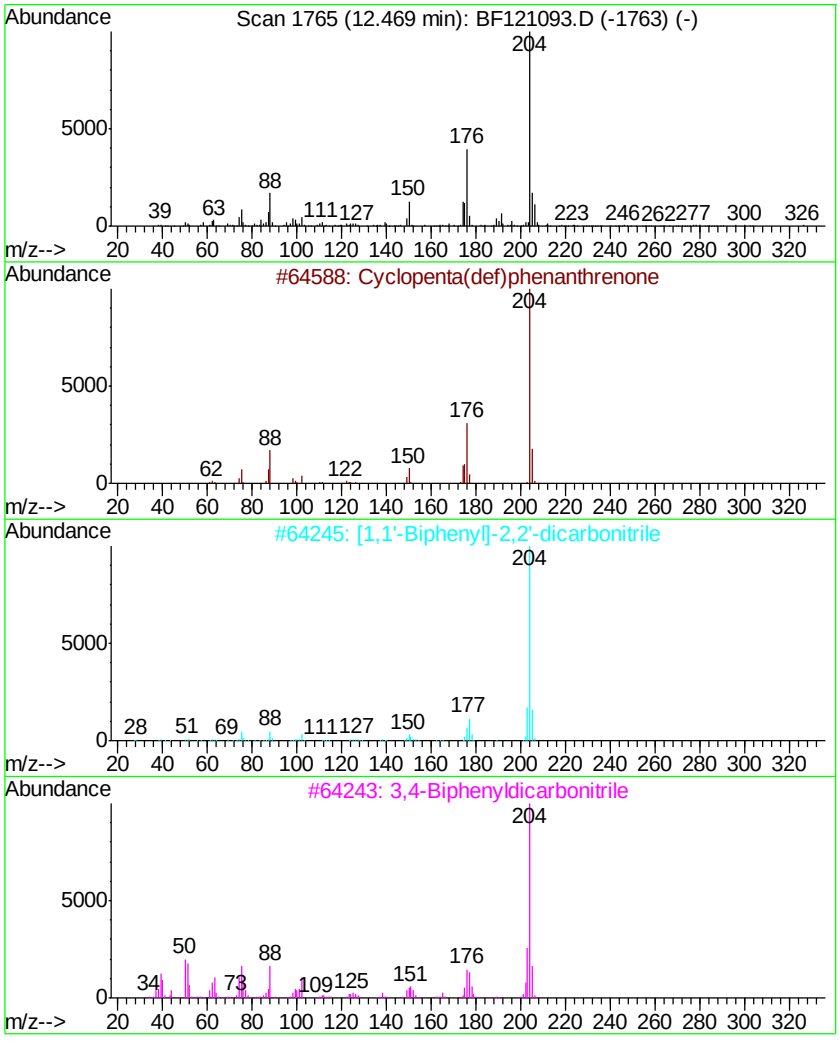
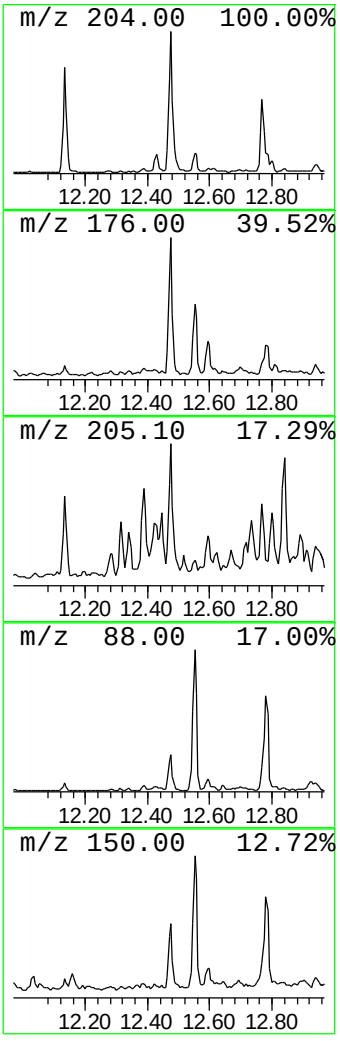
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	8.76 ng	731982	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	50





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ClientSampleId : TS2

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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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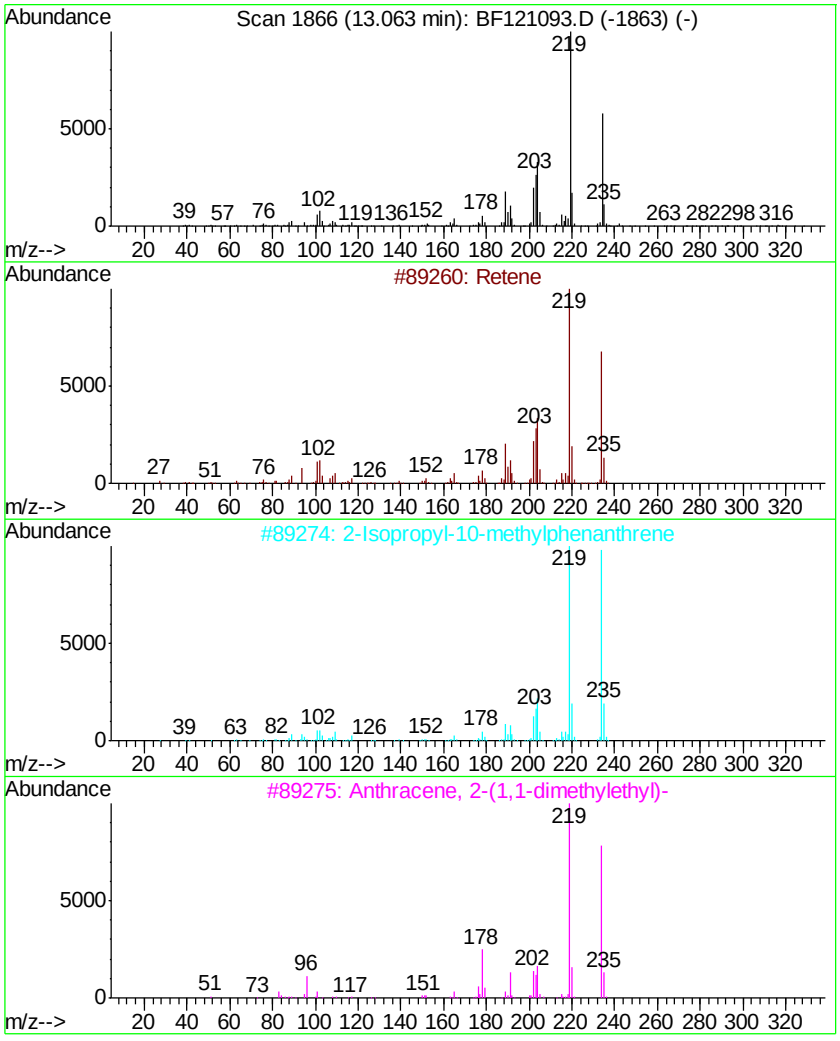
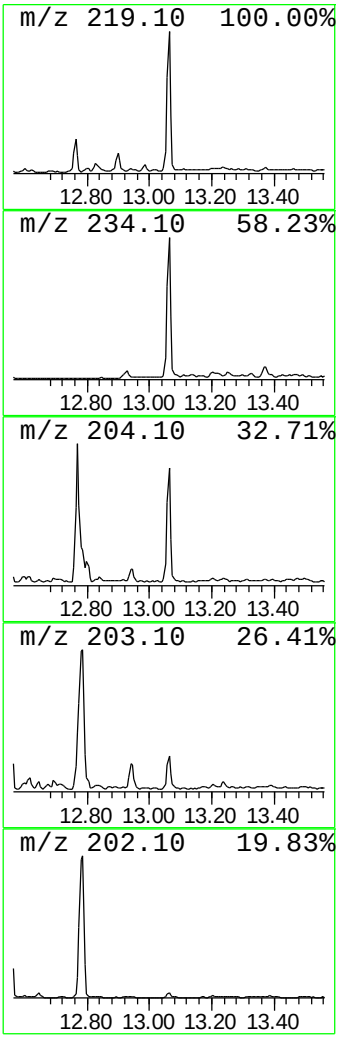
Peak Number 10 Retene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	4.25 ng	546513	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	72
4	Benzene, 1,3-bis(1,1-dimethyleth...	234	C16H26O	001518-53-2	52
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	52





Library Search Compound Report

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Sample : L3430-02
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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId : TS2

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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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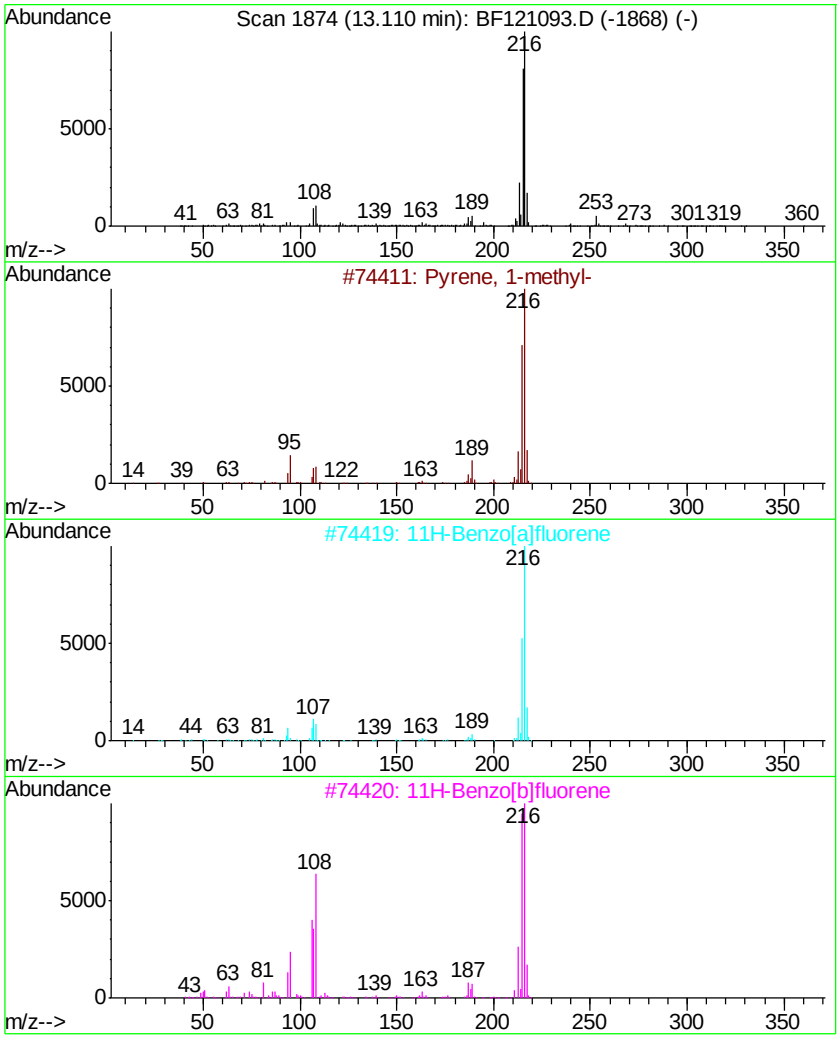
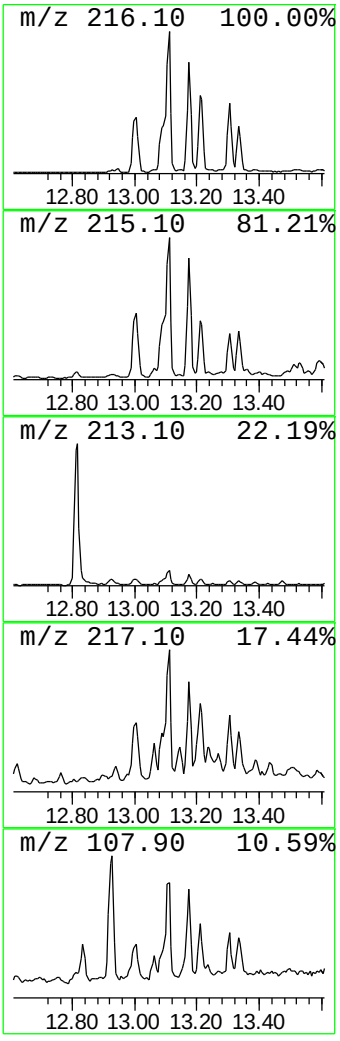
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	5.59 ng	719215	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	: 4-((2-Methylphenyl)diazenyl)-1...	216	C10H12N6	1000332-58-9	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Sample : L3430-02
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ClientSampleId : TS2

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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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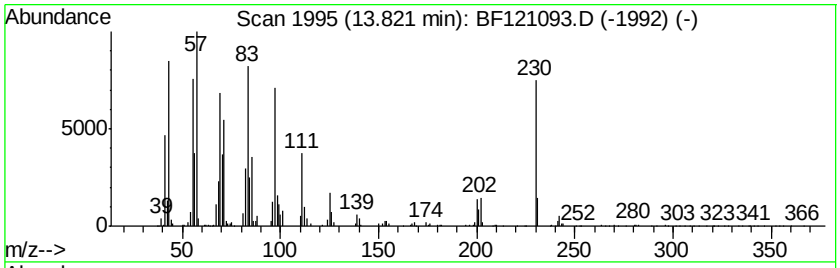
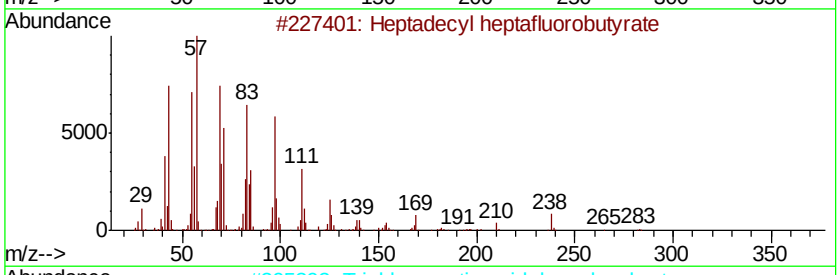
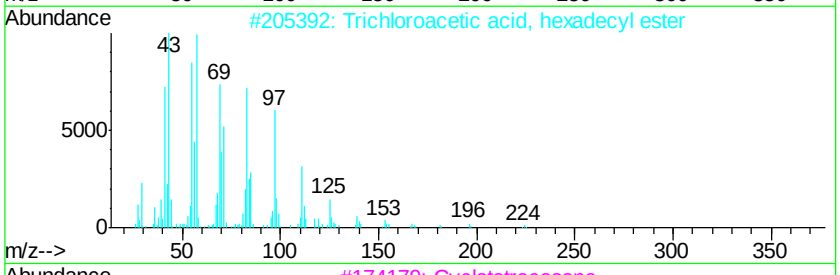
Peak Number 12 Heptadecyl heptafluorobutyrate Concentration Rank 10

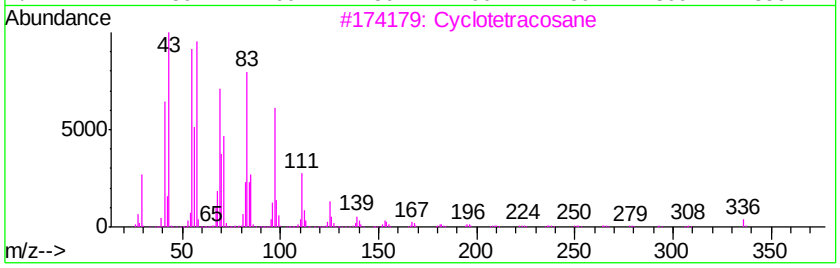
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	8.16 ng	1049800	Chrysene-d12	13.98

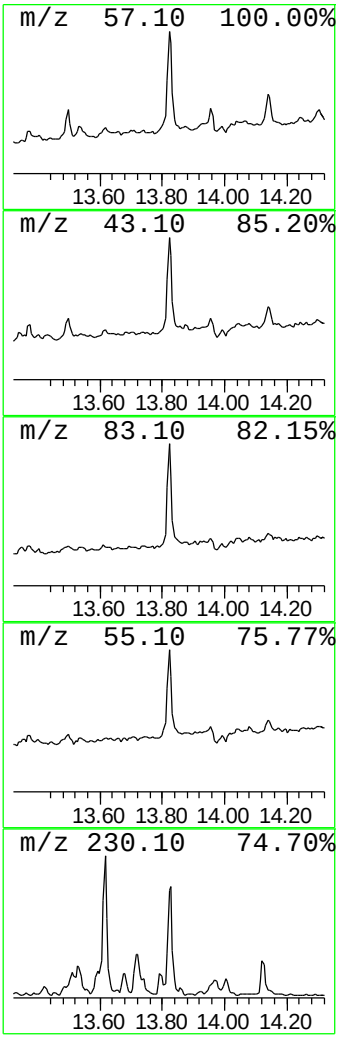
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
3	Cyclotetracosane	336	C24H48	000297-03-0	64
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	64
5	17-Pentatriacontene	491	C35H70	006971-40-0	58











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Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

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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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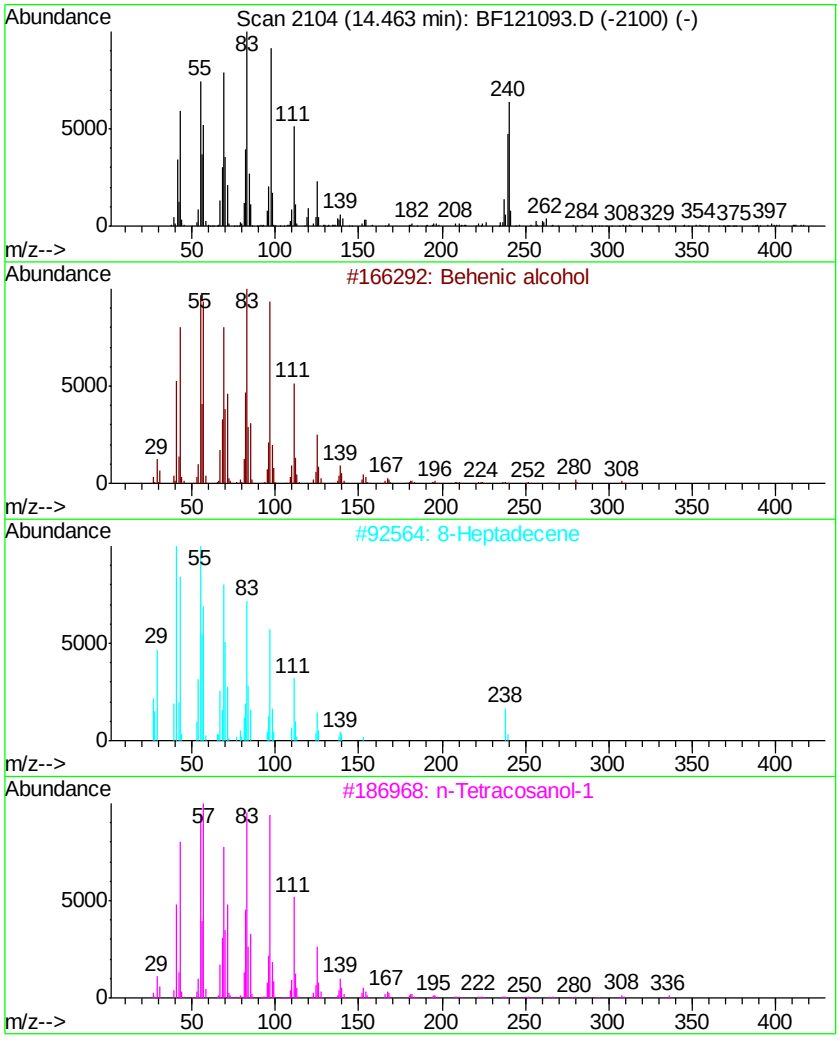
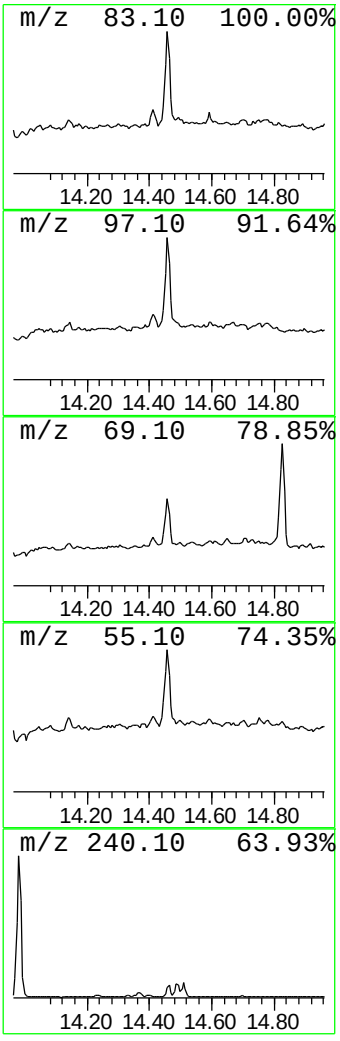
Peak Number 13 Behenic alcohol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	7.13 ng	917158	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	8-Heptadecene	238	C17H34	002579-04-6	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

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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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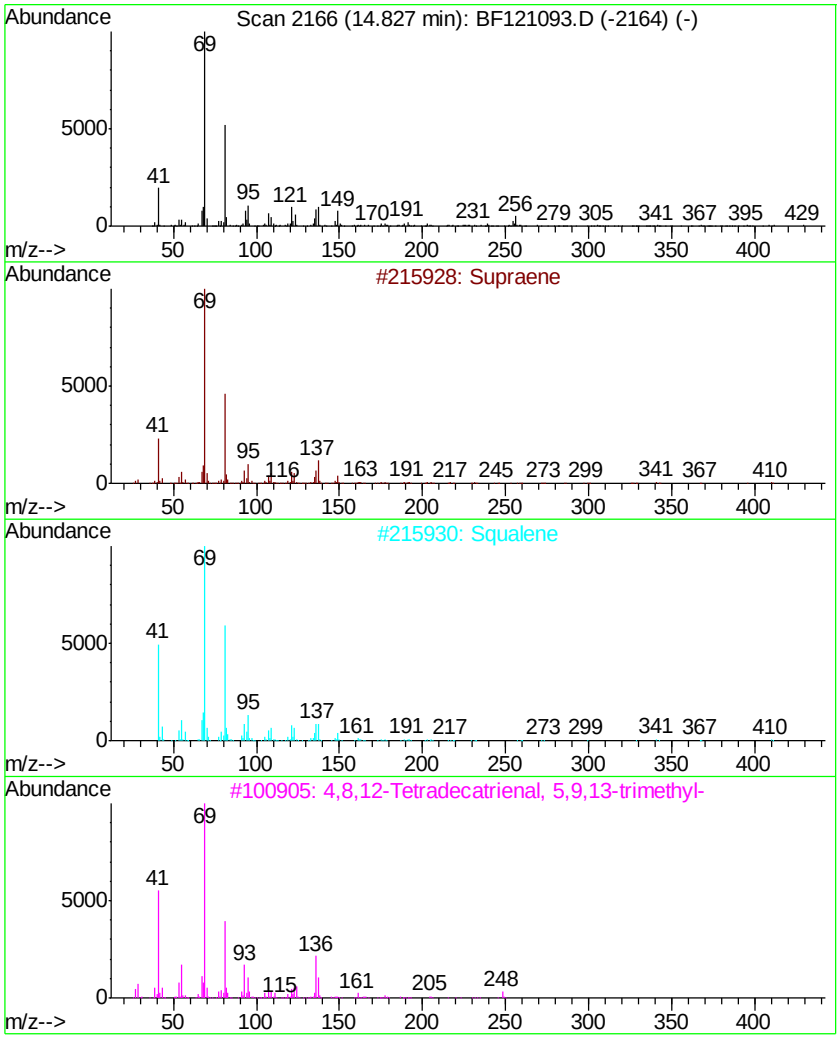
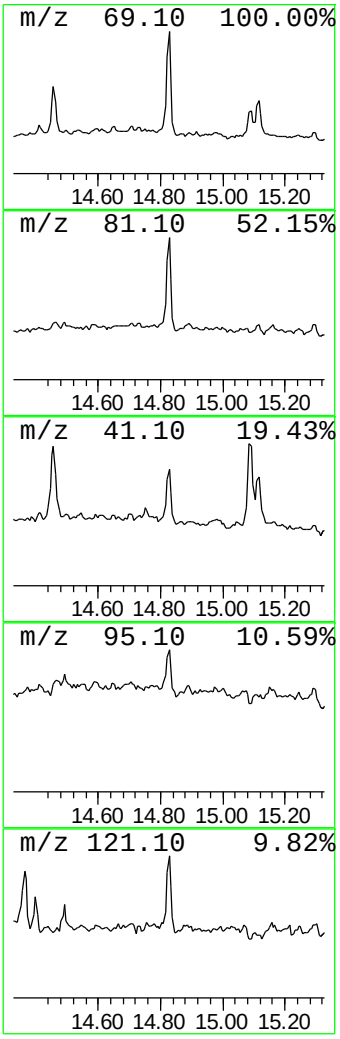
Peak Number 14 Supraene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	8.41 ng	364115	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	83
2	Squalene	410	C30H50	000111-02-4	80
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	53





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Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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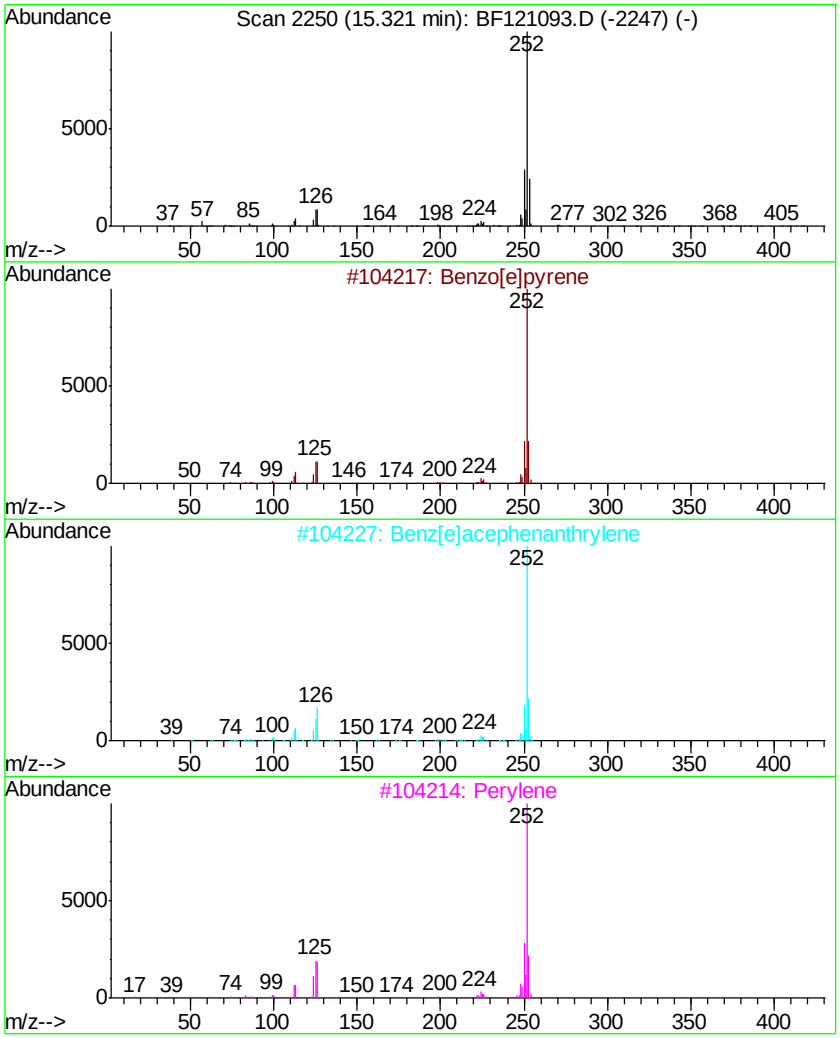
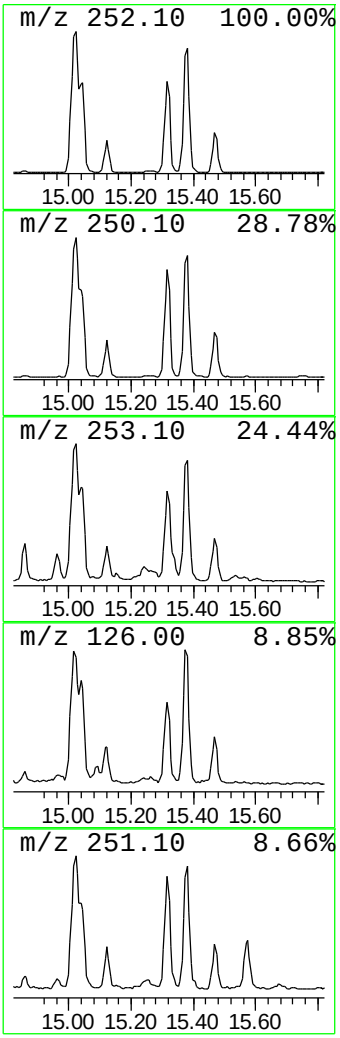
Peak Number 16 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	18.33 ng	793671	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	86
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

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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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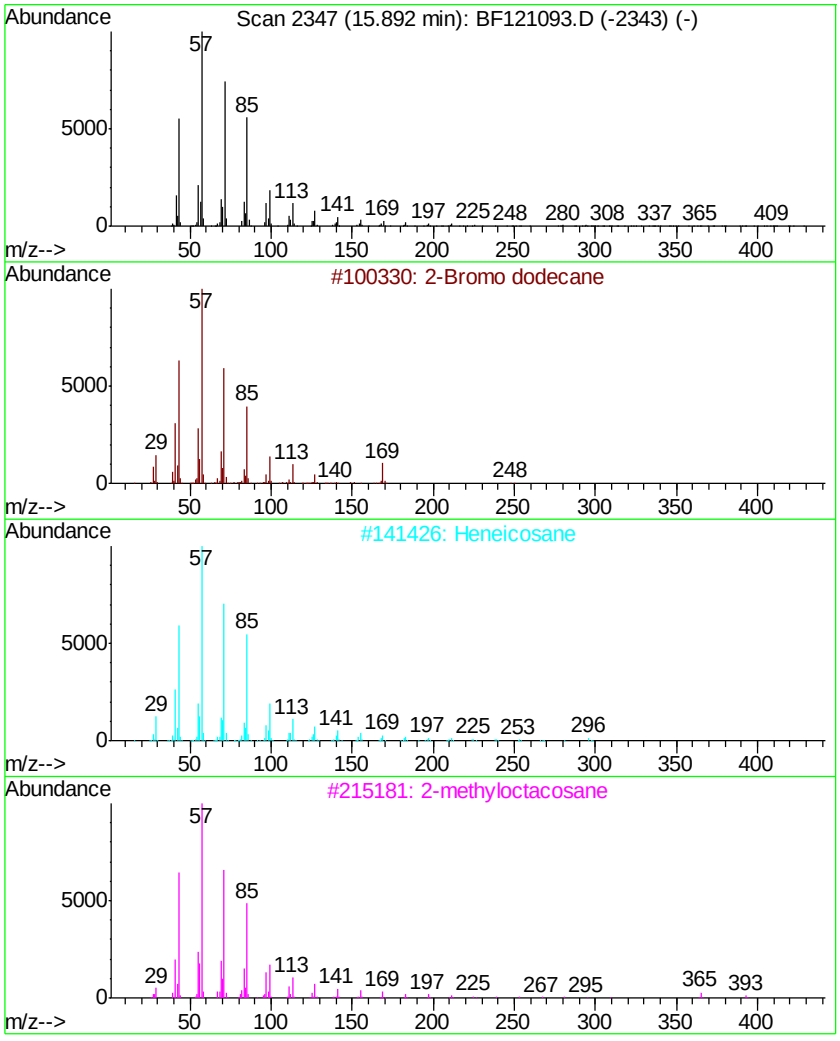
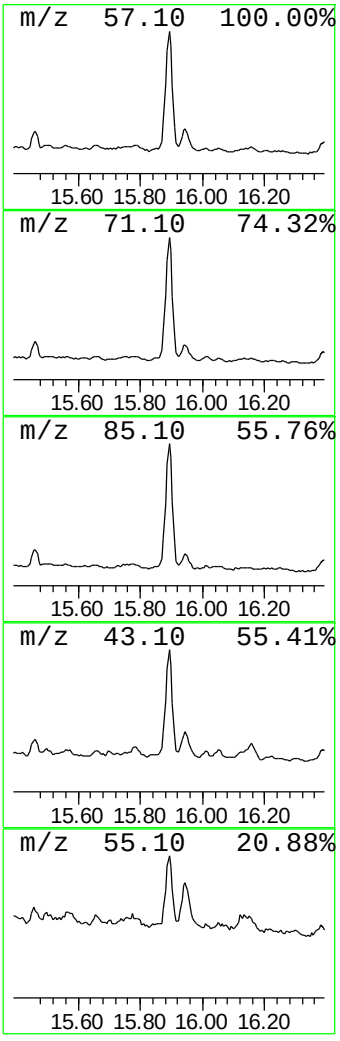
Peak Number 17 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	29.09 ng	1259440	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Pentacosane	352	C25H52	000629-99-2	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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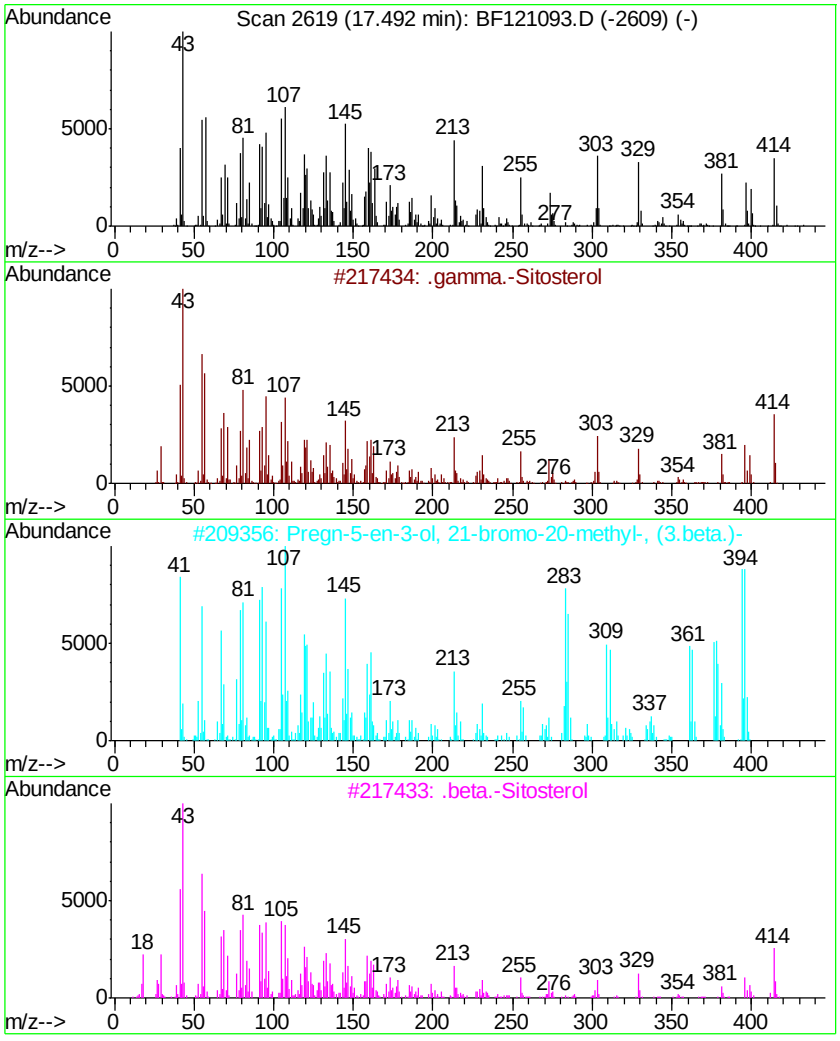
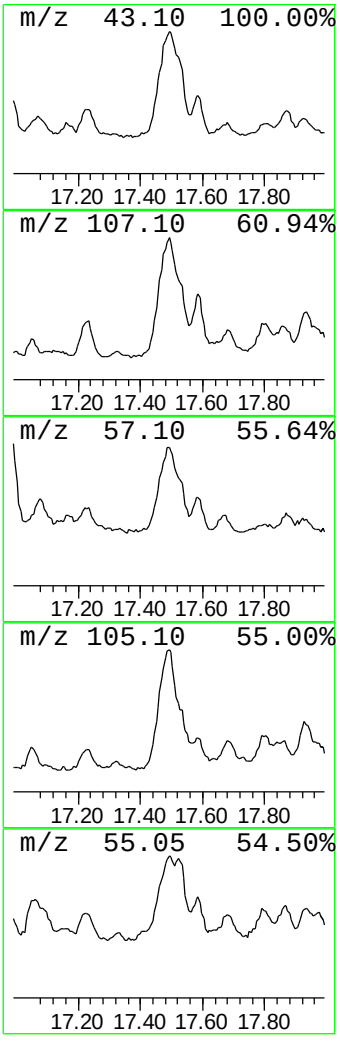
Peak Number 18 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	183.34 ng	7938020	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	90
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	89
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	11
5	Cholest-7-en-3-ol, 4,4-dimethyl-...	414	C29H50O	006384-28-7	10





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Data File : BF121093.D
Acq On : 29 Jul 2020 3:30
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

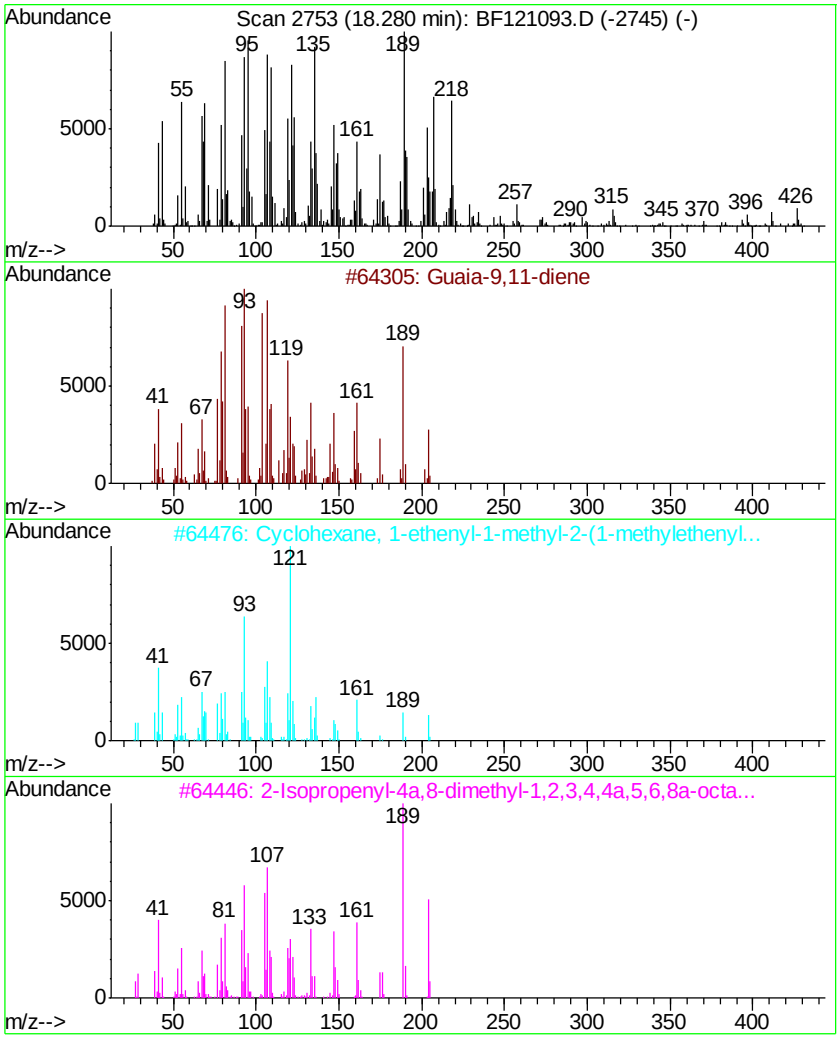
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

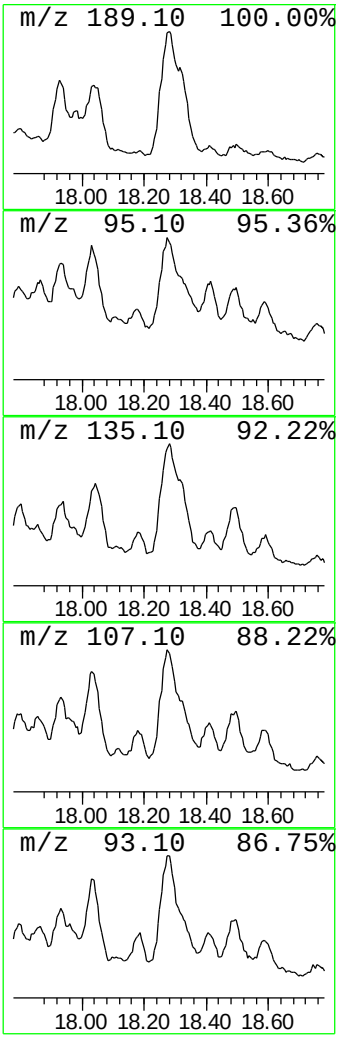
****

Peak Number 19 Guaia-9,11-diene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	71.00 ng	3073970	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guaia-9,11-diene	204	C15H24	1000374-19-8	53
2	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	46
3	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	43
4	2R-Acetoxymethyl-1,3,3-trimethyl...	282	C17H30O3	1000144-12-4	35
5	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121093.D
Acq On : 29 Jul 2020 3:30
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

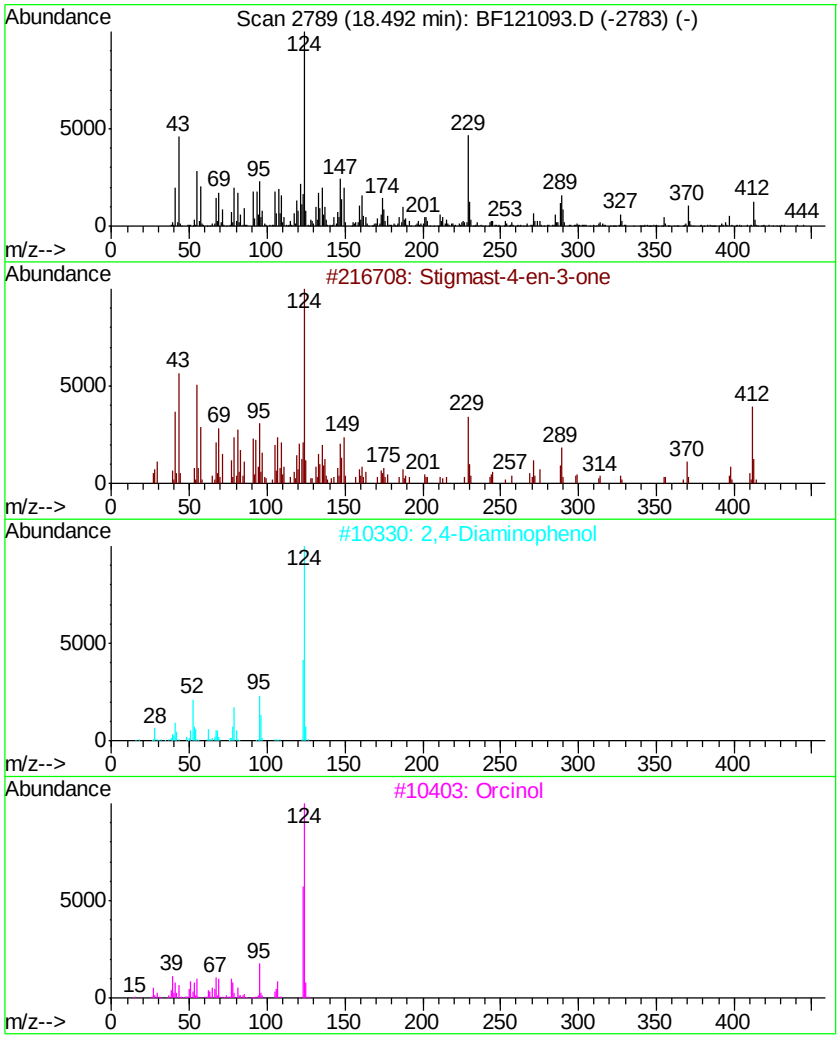
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

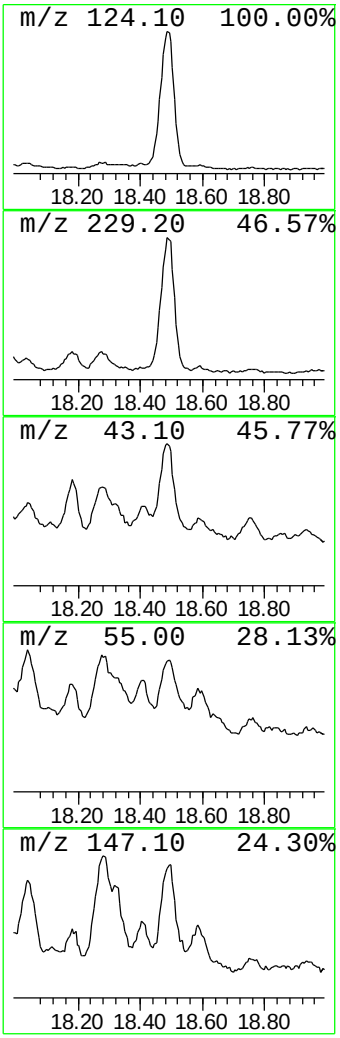
****

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	57.34 ng	2482680	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	94
2	2,4-Diaminophenol	124	C6H8N2O	000095-86-3	38
3	Orcinol	124	C7H8O2	000504-15-4	35
4	5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	35
5	2,5-Furandicarboxaldehyde	124	C6H4O3	000823-82-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072820\
Data File : BF121093.D
Acq On : 29 Jul 2020 3:30
Operator : JU/CG
Sample : L3430-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Naphthalene, 1,6-...	10.76	3.4	ng	282741	4	11.34	1671700	20.0
unknown11.55	11.55	3.7	ng	312673	4	11.34	1671700	20.0
Anthracene, 1-met...	11.83	5.7	ng	475914	4	11.34	1671700	20.0
n-Hexadecanoic acid	11.88	17.8	ng	1485220	4	11.34	1671700	20.0
4H-Cyclopenta[def...	11.95	4.0	ng	337267	4	11.34	1671700	20.0
17-Norkaur-15-ene...	12.03	3.5	ng	289629	4	11.34	1671700	20.0
4b,8-Dimethyl-2-i...	12.28	5.9	ng	491405	4	11.34	1671700	20.0
Phenanthrene, 3,6...	12.39	3.7	ng	306763	4	11.34	1671700	20.0
Cyclopenta(def)ph...	12.47	8.8	ng	731982	4	11.34	1671700	20.0
Retene	13.06	4.3	ng	546513	5	13.98	2574200	20.0
Pyrene, 1-methyl-	13.11	5.6	ng	719215	5	13.98	2574200	20.0
Heptadecyl heptaf...	13.82	8.2	ng	1049800	5	13.98	2574200	20.0
Behenic alcohol	14.46	7.1	ng	917158	5	13.98	2574200	20.0
Supraene	14.83	8.4	ng	364115	6	15.44	865926	20.0
Benzo[e]pyrene	15.32	18.3	ng	793671	6	15.44	865926	20.0
2-Bromo dodecane	15.89	29.1	ng	1259440	6	15.44	865926	20.0
.gamma.-Sitosterol	17.49	183.3	ng	7938020	6	15.44	865926	20.0
Guaia-9,11-diene	18.28	71.0	ng	3073970	6	15.44	865926	20.0
Stigmast-4-en-3-one	18.49	57.3	ng	2482680	6	15.44	865926	20.0