LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118538.D
Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

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-BF010820.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	5.004	493	496	510	rVB	99123	112105	12.83%	0.656%
2	5.434	565	569	592	rBV	521116	653508	74.78%	3.823%
3	6.451	739	742	759	rBV	588648	603467	69.05%	3.530%
4	6.587	762	765	771	rVB	837634	694316	79.44%	4.061%
5	6.816	801	804	812	rBV	441093	370832	42.43%	2.169%
6	6.969	827	830	843	rVB	782153	633436	72.48%	3.705%
7	7.381	896	900	912	rBV	470810	438517	50.18%	2.565%
8	8.098	1019	1022	1035	rVB	572612	506631	57.97%	2.964%
9	8.816	1142	1144	1151	rVB	14225	13579	1.55%	0.079%
10	8.916	1155	1161	1164	rBV	58969	53240	6.09%	0.311%
11	9.175	1202	1205	1216	rBV	1085165	864224	98.89%	5.055%
12	9.292	1221	1225	1229	rBV2	23434	26387	3.02%	0.154%
13	9.445	1246	1251	1255	rBV2	46402	63402	7.25%	0.371%
14	9.516	1260	1263	1266	rVV	92509	96270	11.02%	0.563%
15	9.545	1266	1268	1270	rVV	39774	37542	4.30%	0.220%
16	9.575	1270	1273	1280	rVV	80224	79610	9.11%	0.466%
17	9.633	1280	1283	1290	rVB	46200	57505	6.58%	0.336%
18	9.722	1295	1298	1302	rBV	78827	70487	8.07%	0.412%
19	9.857	1318	1321	1325	rVV	634339	551408	63.09%	3.225%
20	9.892	1325	1327	1330	rVB	76574	63487	7.26%	0.371%
21	9.963	1335	1339	1344	rBV3	23757	35262	4.03%	0.206%
22	10.069	1350	1357	1360	rBV2	53140	67868	7.77%	0.397%
23	10.104	1360	1363	1366	rVB	44500	33688	3.85%	0.197%
24	10.175	1372	1375	1378	rBV	43429	46480	5.32%	0.272%
25	10.204	1378	1380	1386	rVB	25119	29125	3.33%	0.170%
26	10.269	1386	1391	1392	rBV2	28781	38542	4.41%	0.225%
27	10.286	1392	1394	1397	rVB	31334	23804	2.72%	0.139%
28	10.357	1404	1406	1409	rVB2	20095	18376	2.10%	0.107%
29	10.410	1412	1415	1420	rVB	113652	112310	12.85%	0.657%
30	10.498	1428	1430	1432	rVB3	21156	17028	1.95%	0.100%
31	10.522	1432	1434	1436	rVV	20785	15713	1.80%	0.092%
32	10.569	1436	1442	1445	rVB3	25257	37825	4.33%	0.221%
33	10.651	1453	1456	1463	rVB	647548	510655	58.43%	2.987%
34	10.775	1471	1477	1483	rBV6	29053	40415	4.62%	0.236%

LSC Area Percent Report

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Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

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-BF010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.851	1486	1490	1492	rBV2	15273	15074	1.72%	0.088%
36	10.963	1504	1509	1511	rBV2	44613	54839	6.27%	0.321%
37	10.986	1511	1513	1516	rVV	38999	36665	4.20%	0.214%
38	11.016	1516	1518	1520	rVV2	19579	18731	2.14%	0.110%
39	11.045	1520	1523	1525	rVV	34470	32777	3.75%	0.192%
40	11.086	1525	1530	1532	rVV5	40959	59458	6.80%	0.348%
41	11.110	1532	1534	1538	rVV4	25191	31511	3.61%	0.184%
42	11.163	1540	1543	1547	rVV5	17482	29399	3.36%	0.172%
43	11.204	1547	1550	1552	rVV3	31316	33266	3.81%	0.195%
44	11.251	1553	1558	1563	rVB	71676	84678	9.69%	0.495%
45	11.351	1572	1575	1577	rBV	704518	577170	66.04%	3.376%
46	11.374	1577	1579	1583	rVV	613551	518652	59.34%	3.034%
47	11.427	1586	1588	1591	rVV	144269	113479	12.98%	0.664%
48	11.516	1600	1603	1608	rVB5	38459	44307	5.07%	0.259%
49	11.586	1611	1615	1619	rVB4	34567	37924	4.34%	0.222%
50	11.645	1621	1625	1627	rVV2	25313	26843	3.07%	0.157%
51	11.686	1627	1632	1636	rVV	52386	66166	7.57%	0.387%
52	11.727	1637	1639	1642	rVB2	22649	19835	2.27%	0.116%
53	11.774	1642	1647	1649	rBV2	29356	39948	4.57%	0.234%
54	11.857	1658	1661	1662	rBV	136032	116667	13.35%	0.682%
55	11.880	1662	1665	1670	rVV2	177979	227443	26.02%	1.330%
56	11.933	1672	1674	1676	rVB	53302	39511	4.52%	0.231%
57	11.969	1676	1680	1682	rBV	162550	163942	18.76%	0.959%
58	11.992	1682	1684	1689	rVB	87397	80943	9.26%	0.473%
59	12.039	1690	1692	1695	rBV3	18351	22260	2.55%	0.130%
60	12.086	1698	1700	1703	rVB2	15097	13156	1.51%	0.077%
61	12.121	1703	1706	1708	rBV3	33858	26825	3.07%	0.157%
62	12.151	1708	1711	1713	rBV	55512	48977	5.60%	0.286%
63	12.280	1731	1733	1734	rBV2	25772	19170	2.19%	0.112%
64	12.298	1734	1736	1738	rVV	31770	28745	3.29%	0.168%
65	12.333	1738	1742	1744	rVV2	67147	78360	8.97%	0.458%
66	12.357	1744	1746	1749	rVB2	41582	33849	3.87%	0.198%
67	12.404	1751	1754	1756	rVV	131050	144026	16.48%	0.842%
68	12.445	1759	1761	1763	rVV2	166267	153556	17.57%	0.898%
69	12.504	1767	1771	1773	rVV3	57264	86665	9.92%	0.507%
70	12.527	1773	1775	1779	rVB3	42798	39086	4.47%	0.229%
71	12.569	1779	1782	1786	rBV	687483	615148	70.39%	3.598%

LSC Area Percent Report

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Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

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-BF010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.610	1787	1789	1791	rVV2	28283	27809	3.18%	0.163%
73	12.633	1791	1793	1796	rVV4	27118	28049	3.21%	0.164%
74	12.669	1796	1799	1802	rVV	36503	41085	4.70%	0.240%
75	12.721	1806	1808	1811	rVV	63760	68417	7.83%	0.400%
76	12.804	1815	1822	1828	rBV	703112	813273	93.06%	4.757%
77	12.857	1828	1831	1834	rVB	59225	60061	6.87%	0.351%
78	12.939	1841	1845	1848	rBV	993054	873962	100.00%	5.112%
79	13.021	1856	1859	1864	rVB3	47301	70300	8.04%	0.411%
80	13.127	1871	1877	1880	rBV	150195	232521	26.61%	1.360%
81	13.157	1880	1882	1884	rBV3	23868	27158	3.11%	0.159%
82	13.198	1886	1889	1891	rVB	112289	96949	11.09%	0.567%
83	13.233	1892	1895	1900	rVV2	99692	115592	13.23%	0.676%
84	13.327	1909	1911	1914	rBV	53091	42263	4.84%	0.247%
85	13.363	1914	1917	1919	rBV	55592	59247	6.78%	0.347%
86	13.833	1994	1997	1999	rBV2	83292	79856	9.14%	0.467%
87	14.004	2021	2026	2029	rBV2	627209	776503	88.85%	4.542%
88	14.033	2029	2031	2033	rVB	224465	179381	20.53%	1.049%
89	14.580	2122	2124	2128	rVB3	85763	105344	12.05%	0.616%
90	14.833	2164	2167	2171	rVB	395172	393001	44.97%	2.299%
91	15.057	2201	2205	2207	rBV	215183	280131	32.05%	1.639%
92	15.351	2253	2255	2256	rBV2	108777	69387	7.94%	0.406%
93	15.421	2264	2267	2273	rVB	182247	274662	31.43%	1.607%
94	15.486	2273	2278	2281	rBV	495049	617117	70.61%	3.610%
95	15.686	2304	2312	2314	rBV8	135070	338842	38.77%	1.982%
96	16.415	2431	2436	2438	rBV5	84820	160427	18.36%	0.938%
97	16.592	2463	2466	2470	rBV6	92108	173899	19.90%	1.017%
98	17.680	2647	2651	2653	rBV4	67677	102142	11.69%	0.597%
99	18.115	2723	2725	2727	rBV2	41591	37715	4.32%	0.221%
100	18.268	2741	2751	2753	rBV2	56786	154222	17.65%	0.902%

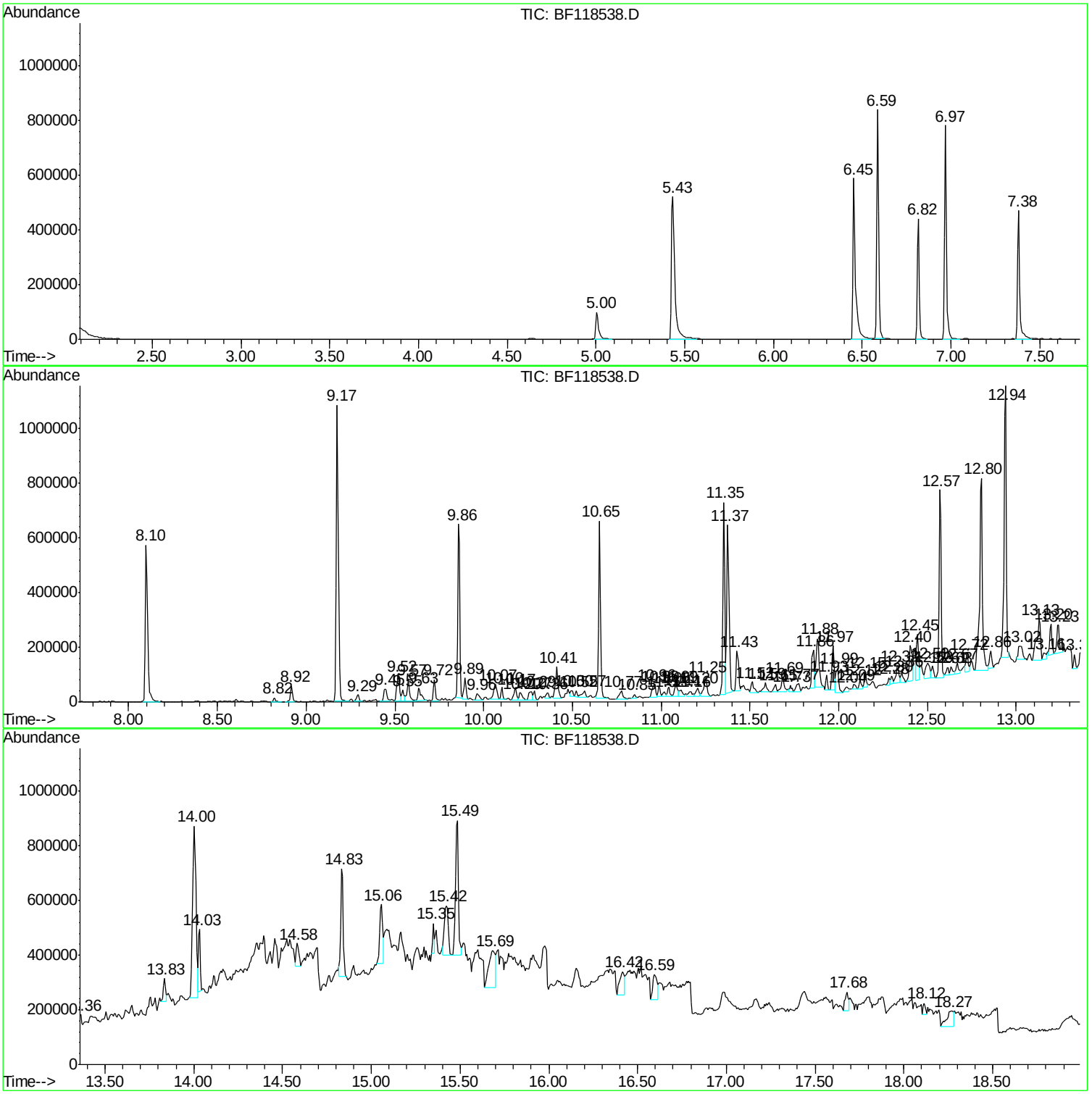
Sum of corrected areas: 17095410

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118538.D
Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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\BF011320\
Data File : BF118538.D
Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

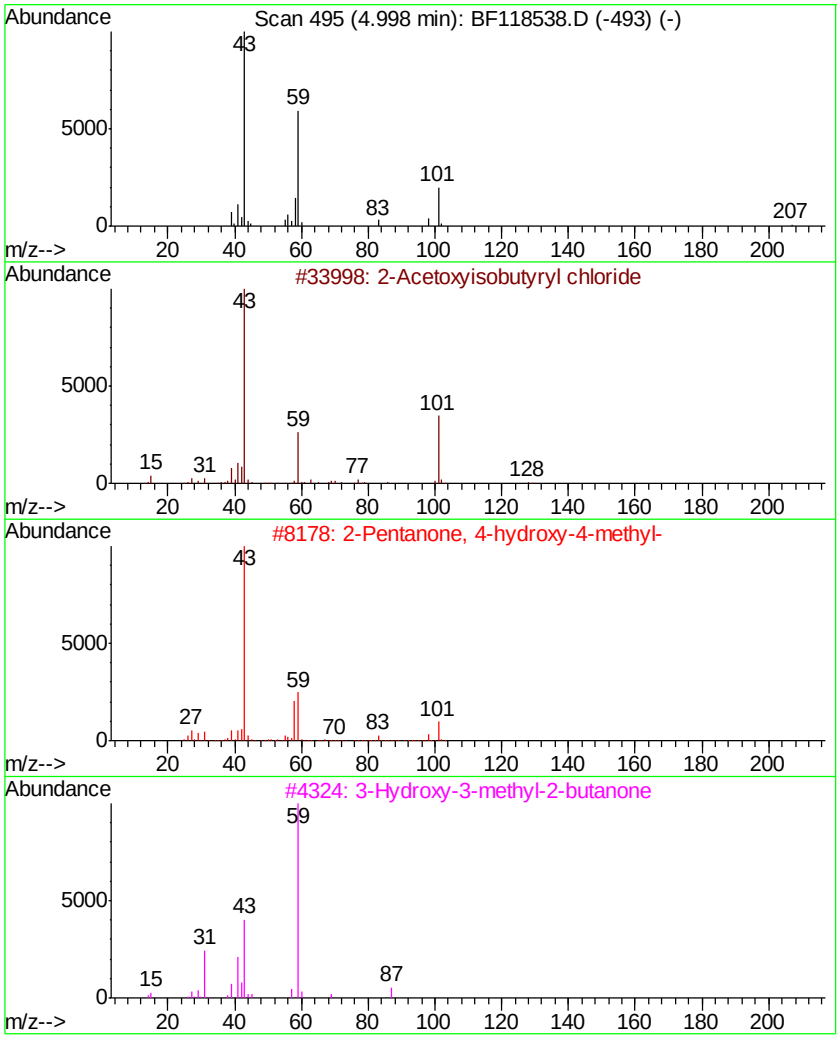
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

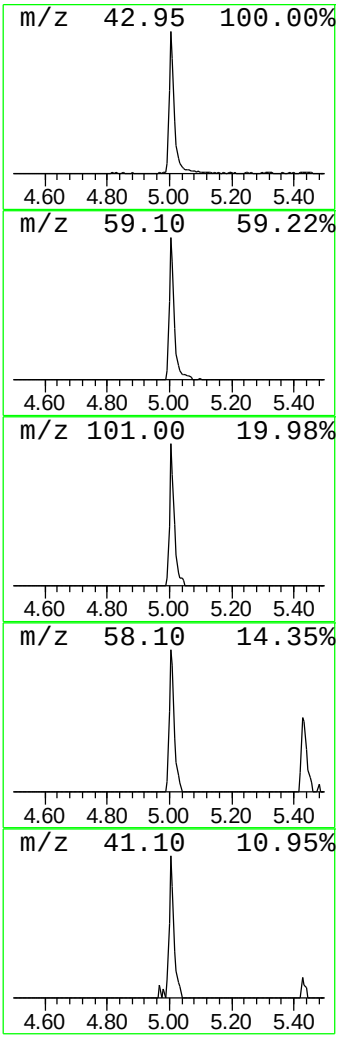
****

Peak Number 1 2-Acetoxyisobutyryl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	6.05 ng	112105	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetoxyisobutyryl chloride	164	C6H9ClO3	040635-66-3	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	35
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118538.D
Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

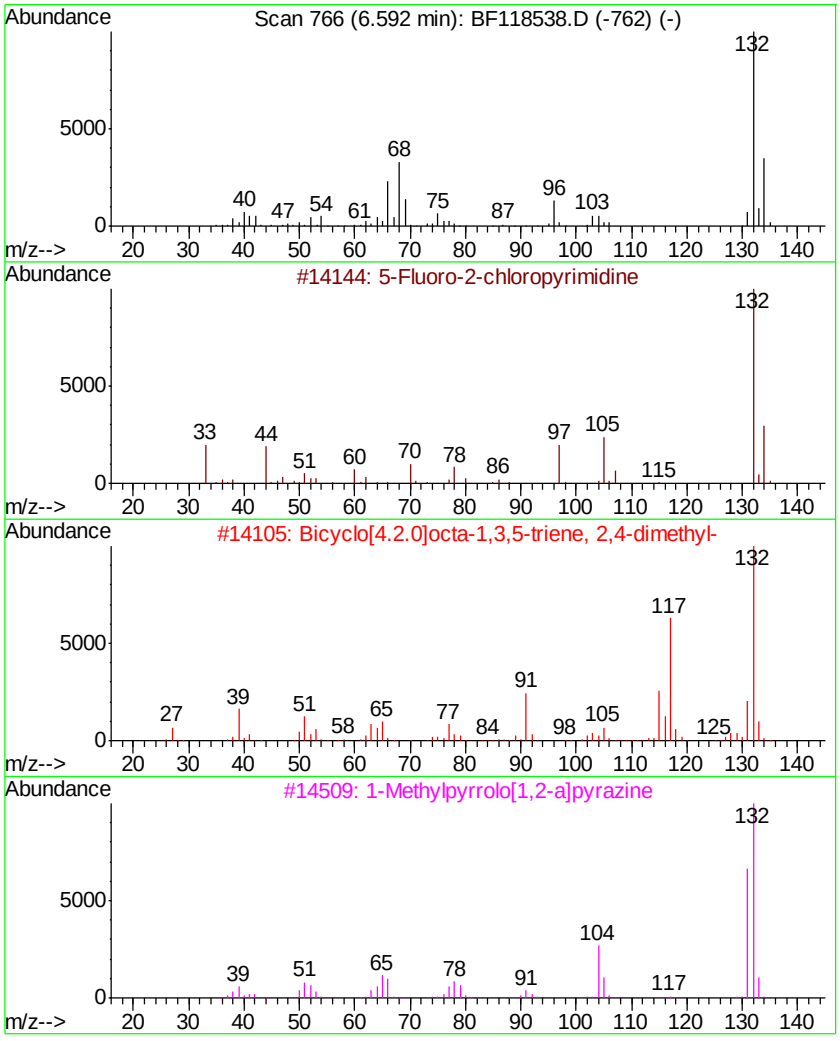
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

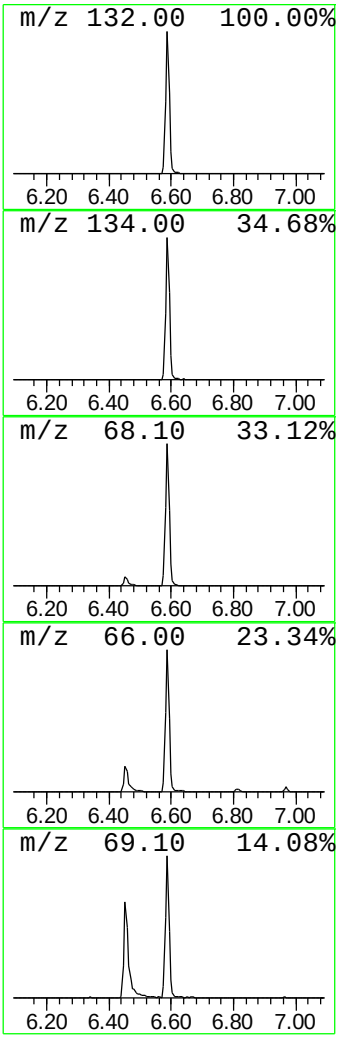
****

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	37.45 ng	694316	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

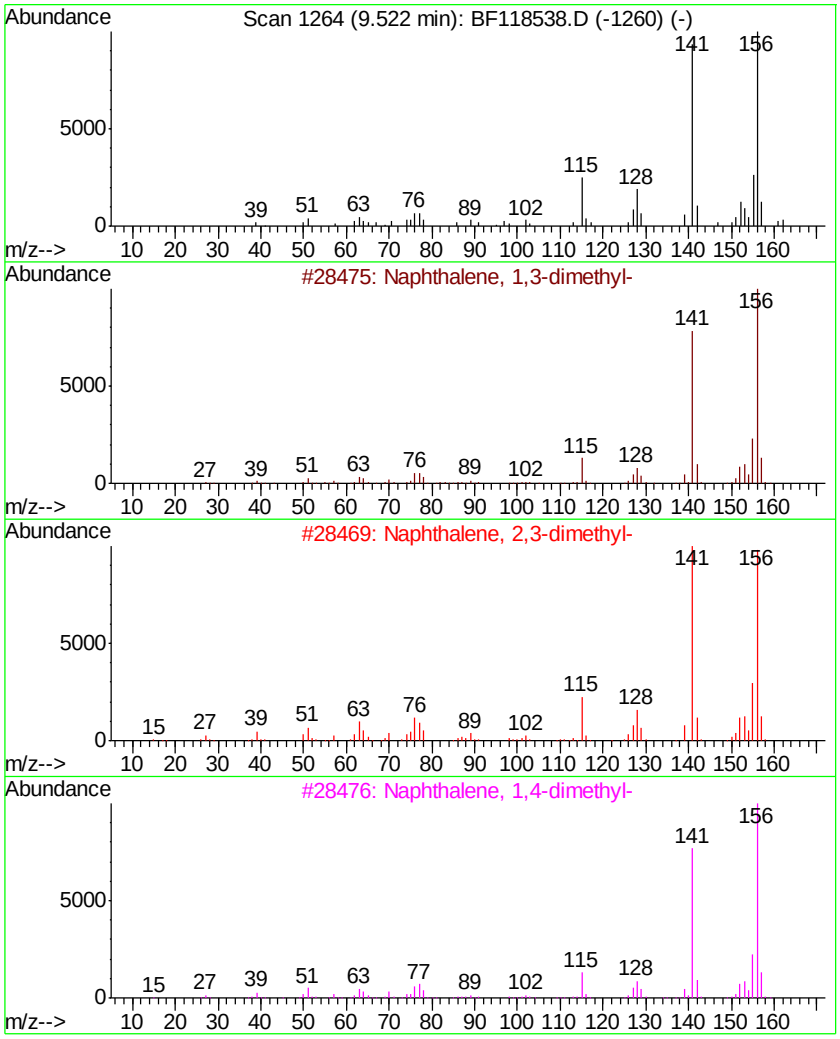
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

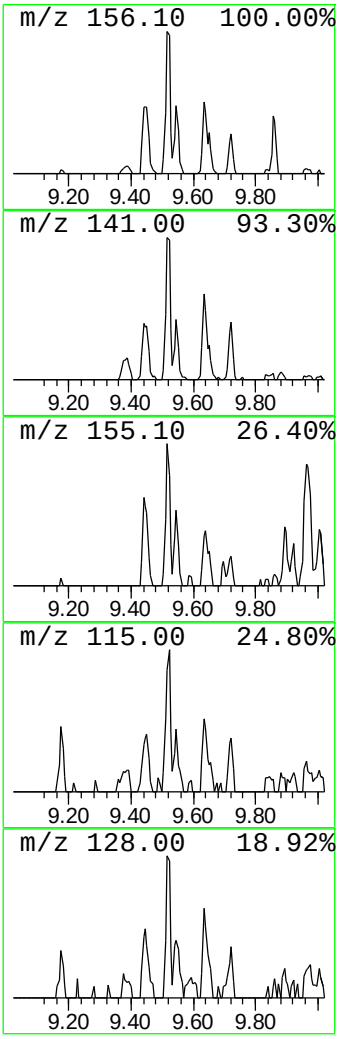
****

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.49 ng	96270	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118538.D
Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

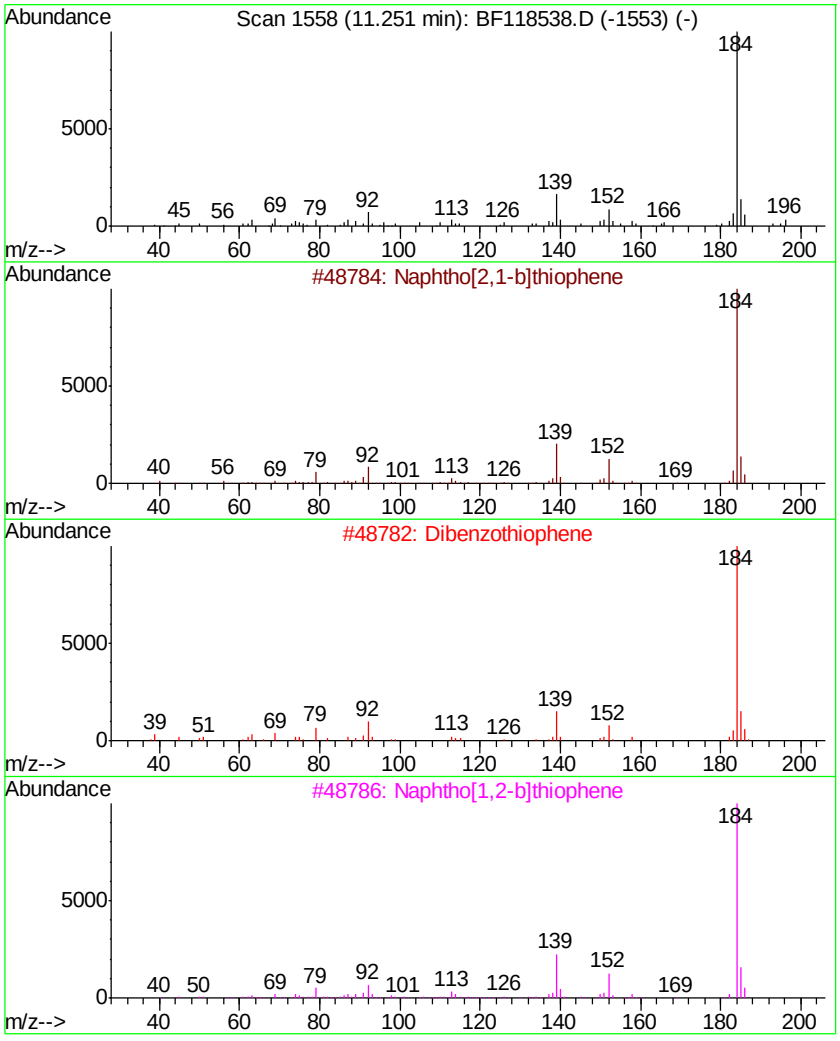
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

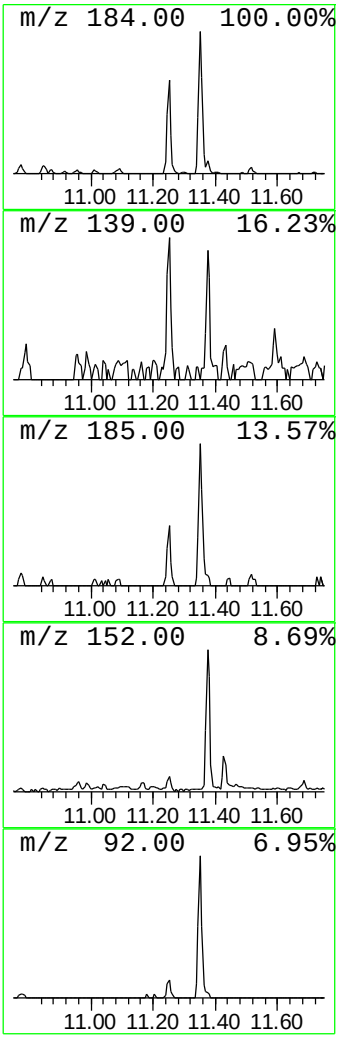
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.93 ng	84678	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118538.D
Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

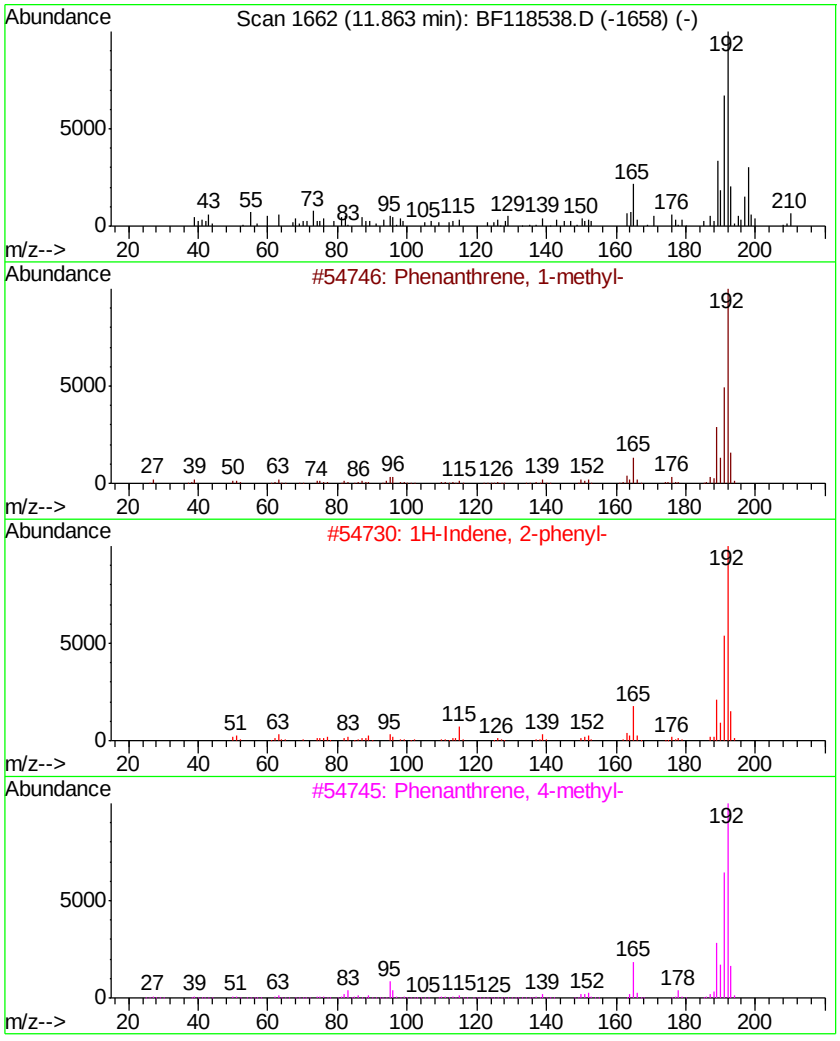
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

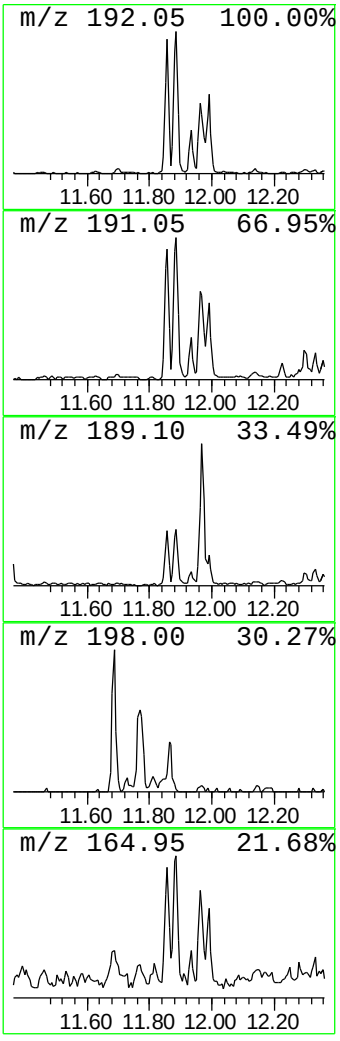
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.04 ng	116667	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118538.D
Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

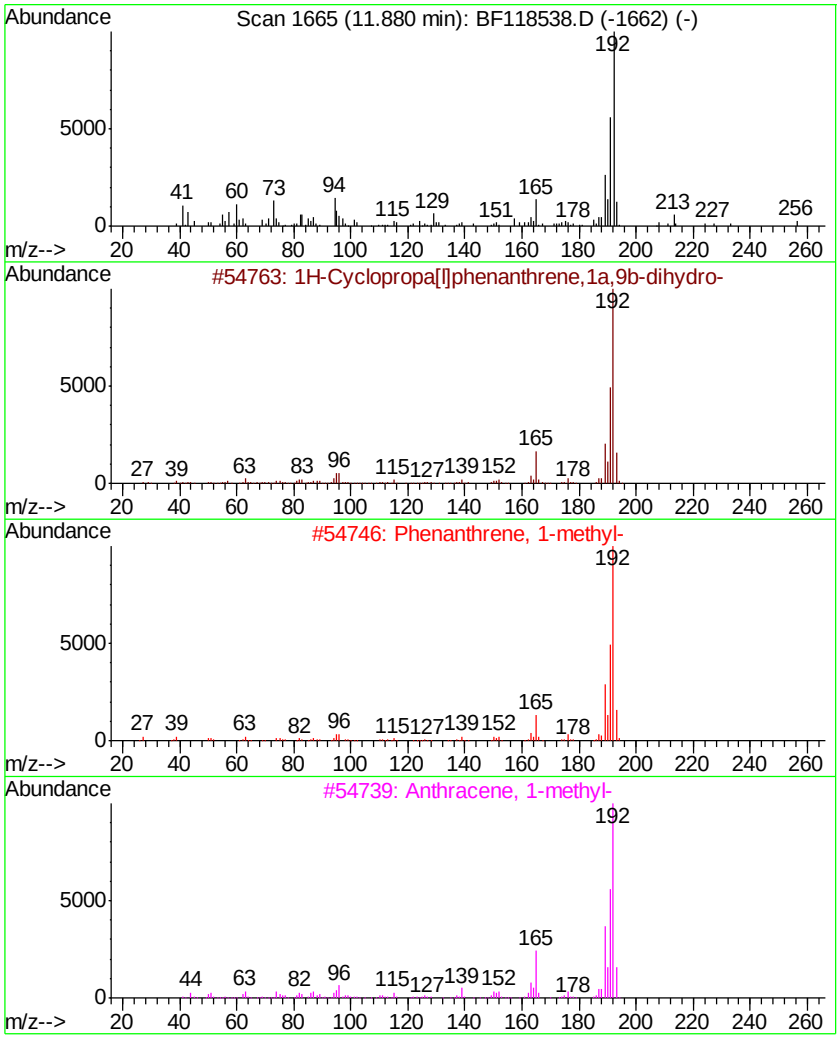
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

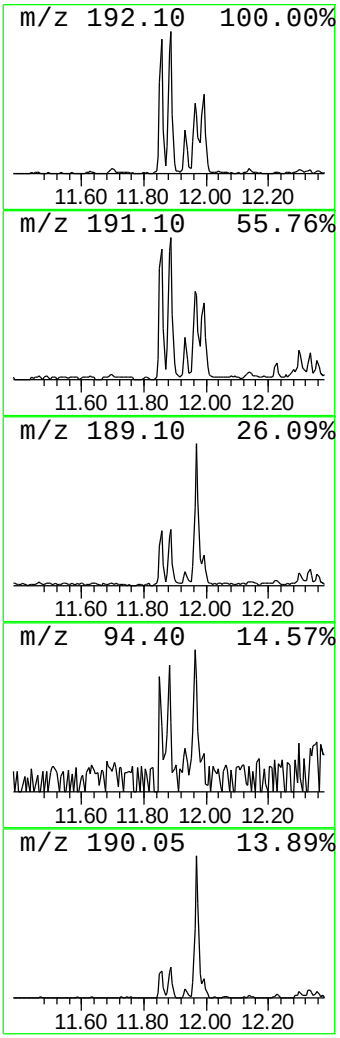
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	7.88 ng	227443	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72





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Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

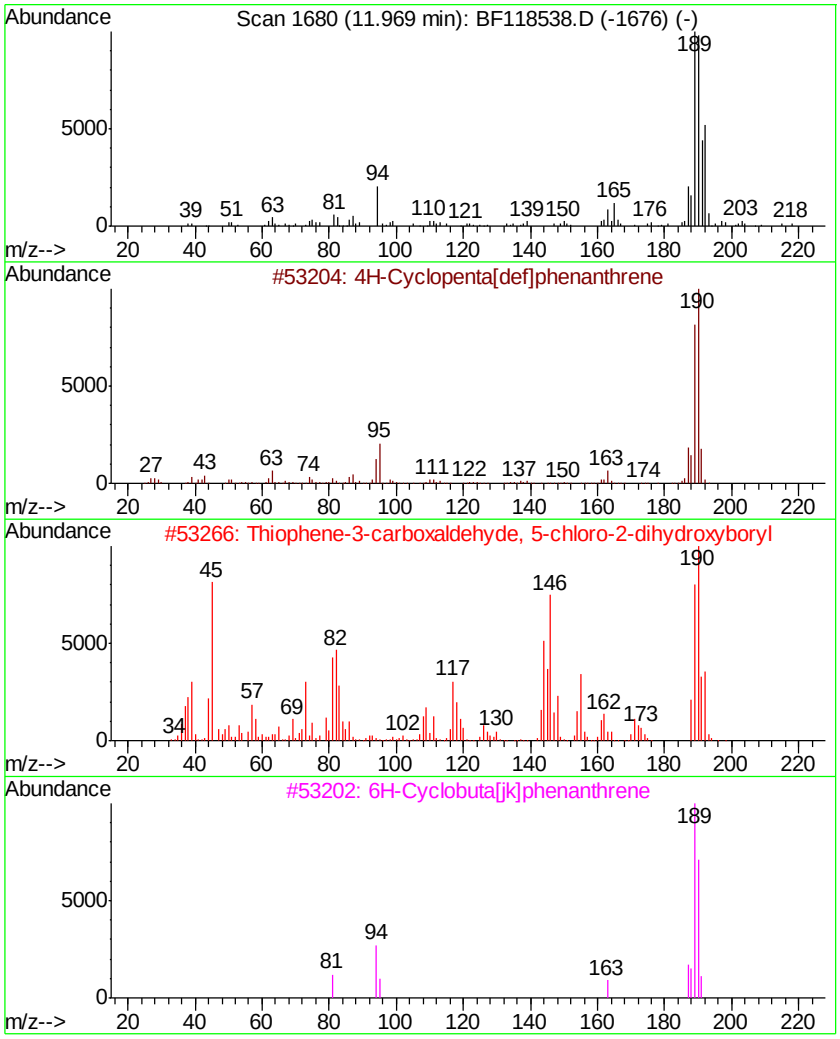
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

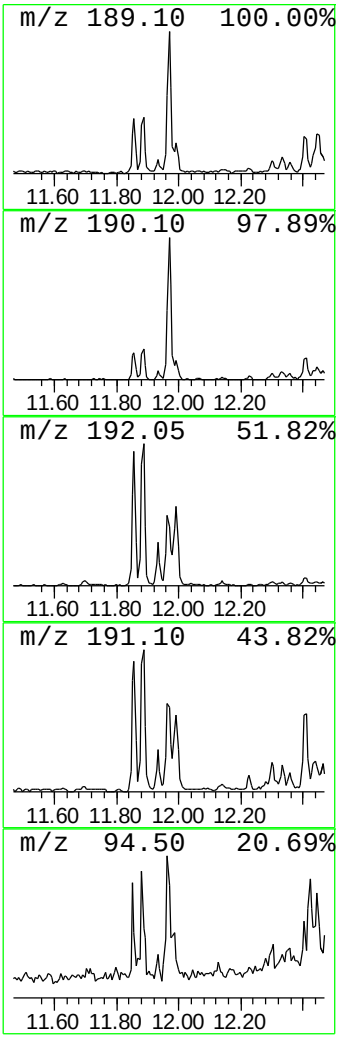
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.68 ng	163942	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	25





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Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

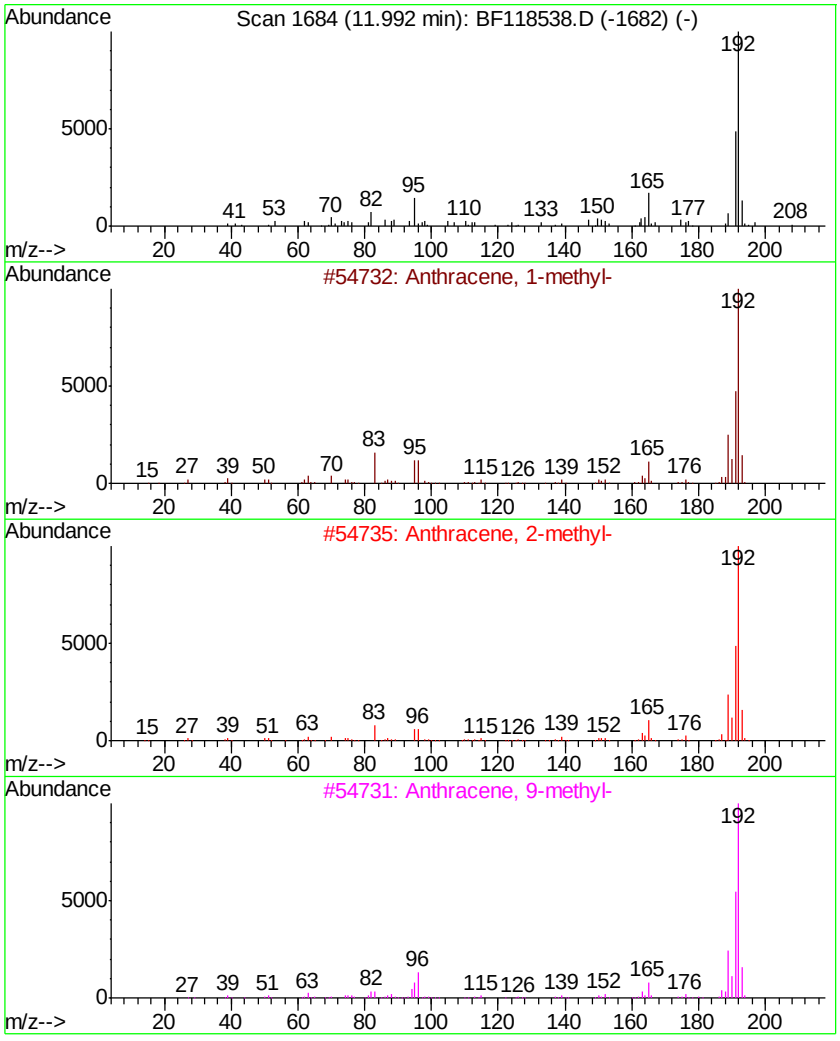
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

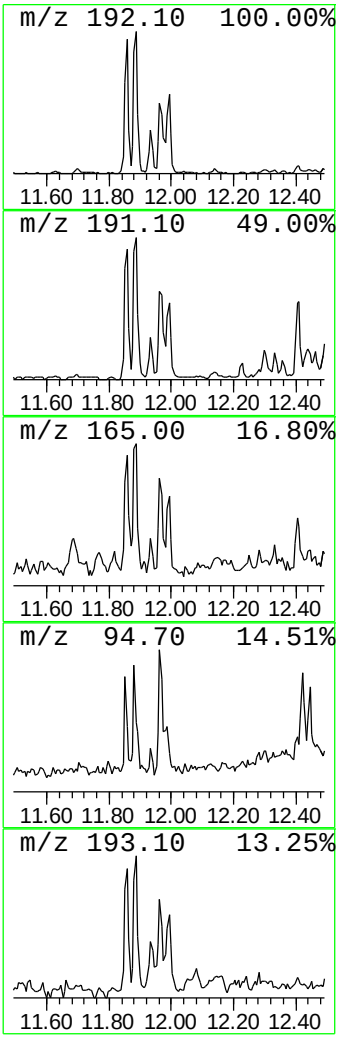
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.80 ng	80943	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





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Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

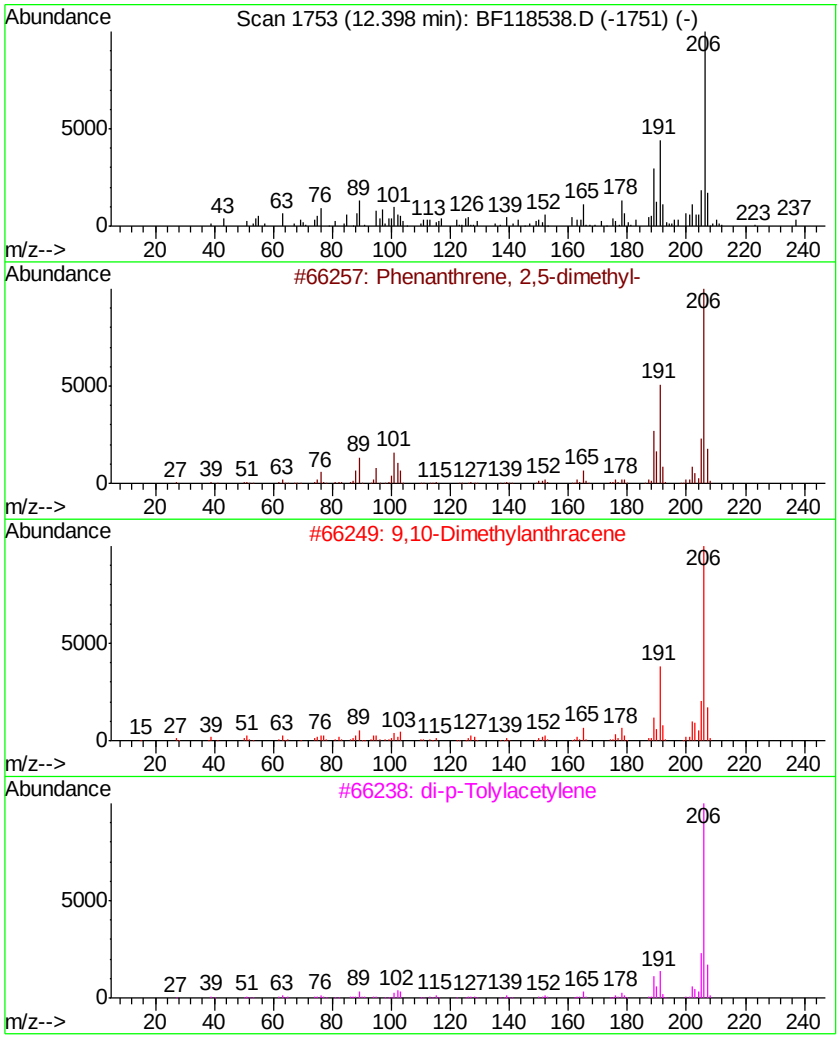
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

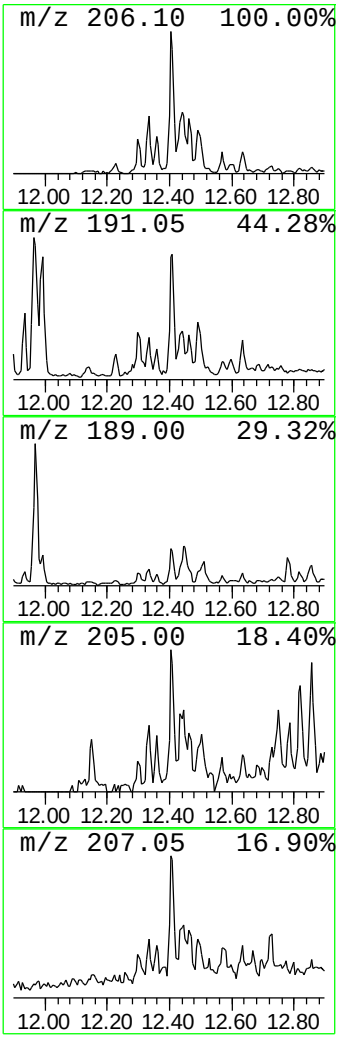
****

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	4.99 ng	144026	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

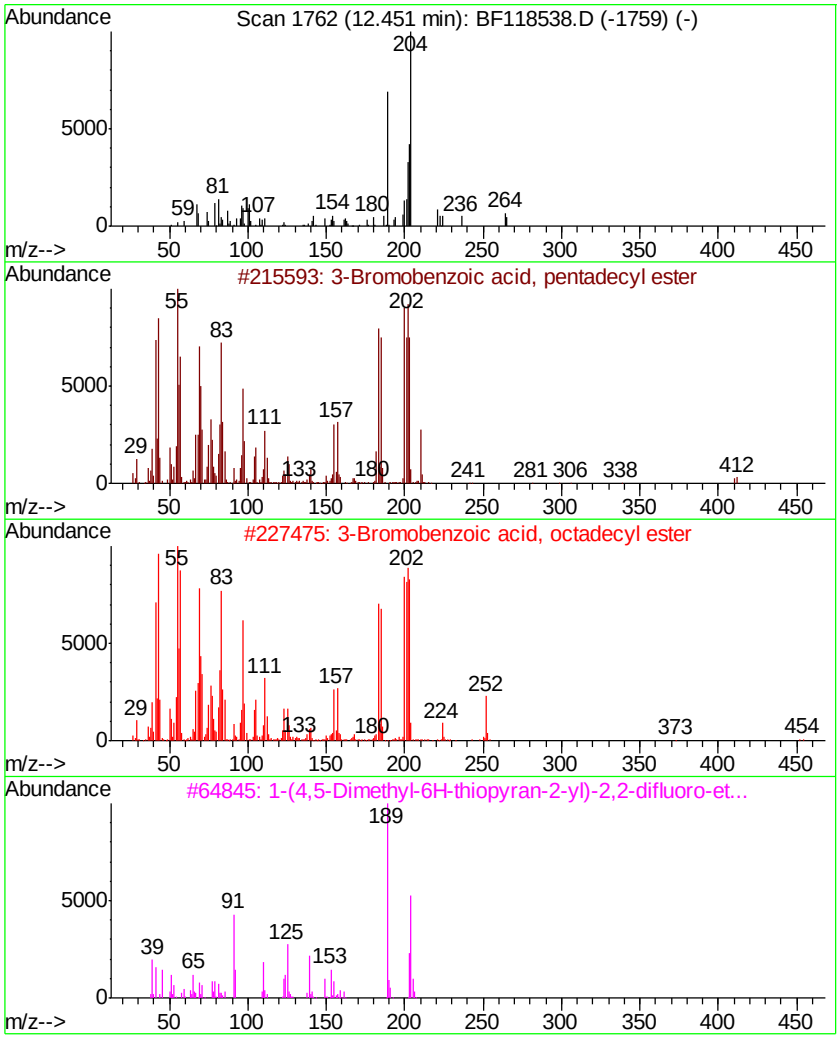
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

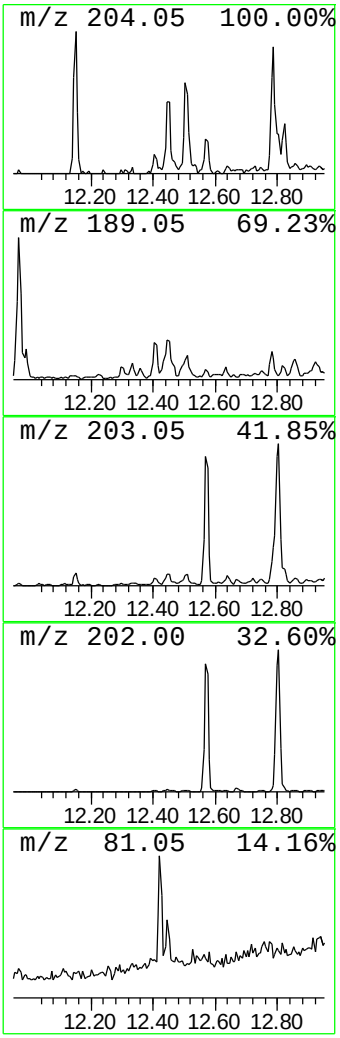
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 3-Bromobenzoic acid, pentad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	5.32 ng	153556	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromobenzoic acid, pentadecyl ...	410	C22H35BrO2	1000281-95-1	93
2	3-Bromobenzoic acid, octadecyl e...	452	C25H41BrO2	070153-14-9	53
3	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	43
4	Levamisole	204	C11H12N2S	014769-73-4	41
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	41





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Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

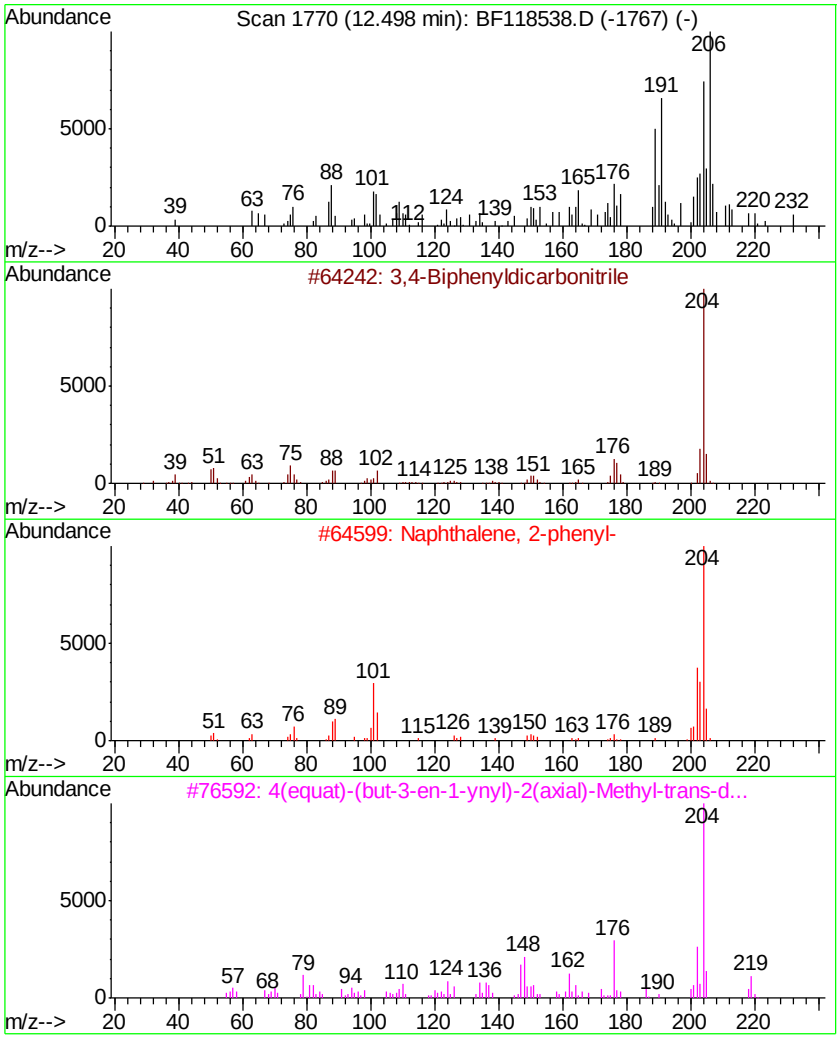
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

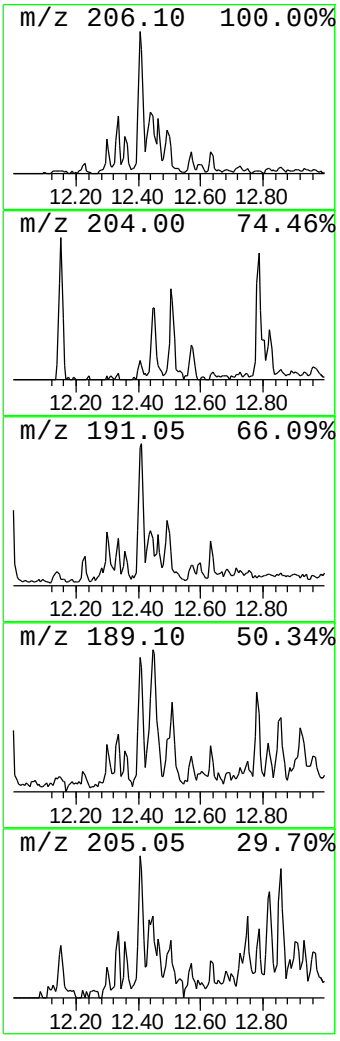
****

Peak Number 12 3,4-Biphenyldicarbonitrile Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.00 ng	86665	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	55
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53
3	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46





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Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

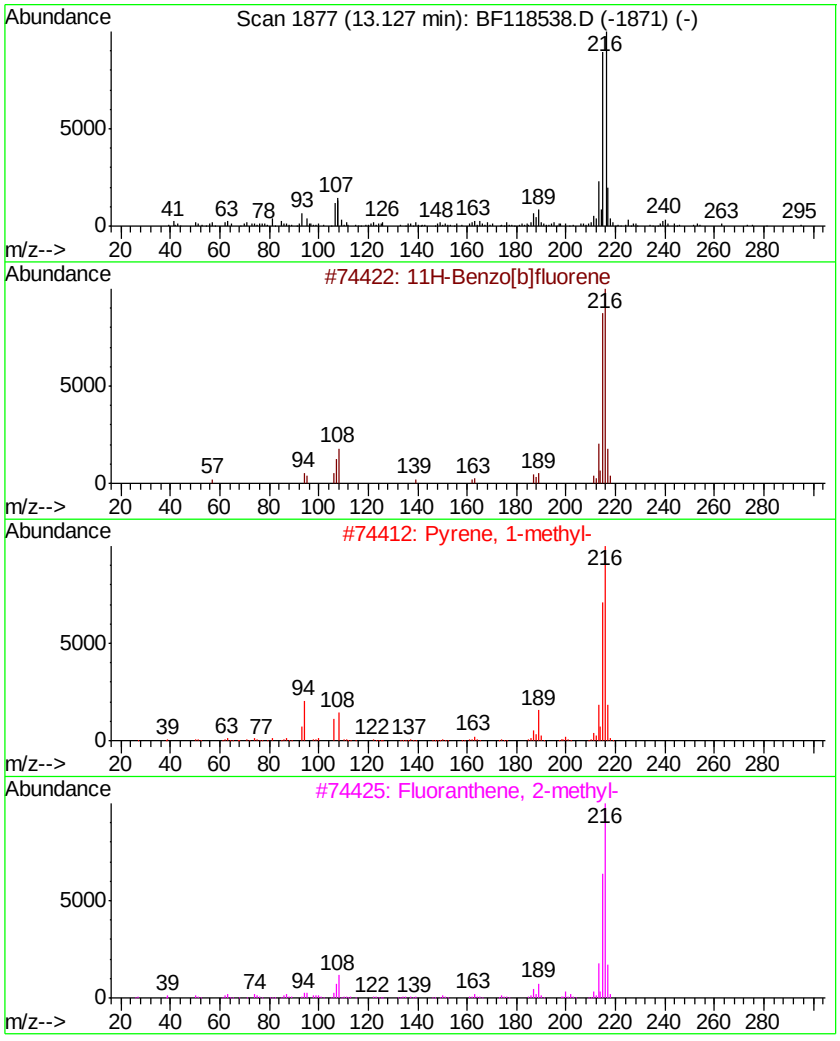
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

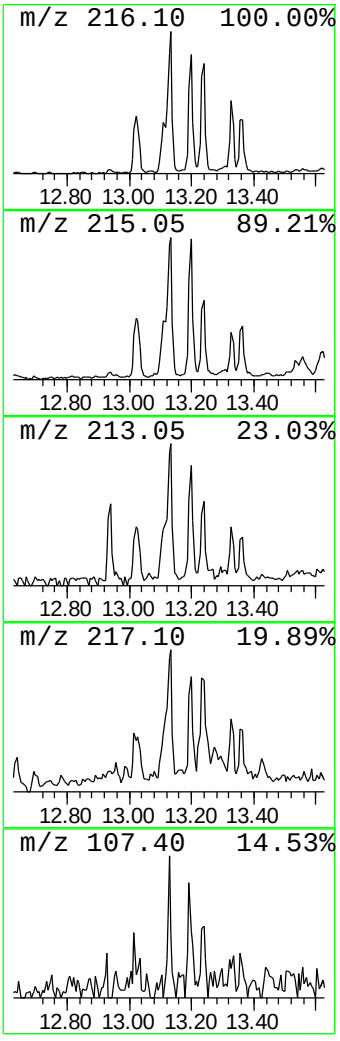
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	5.99 ng	232521	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

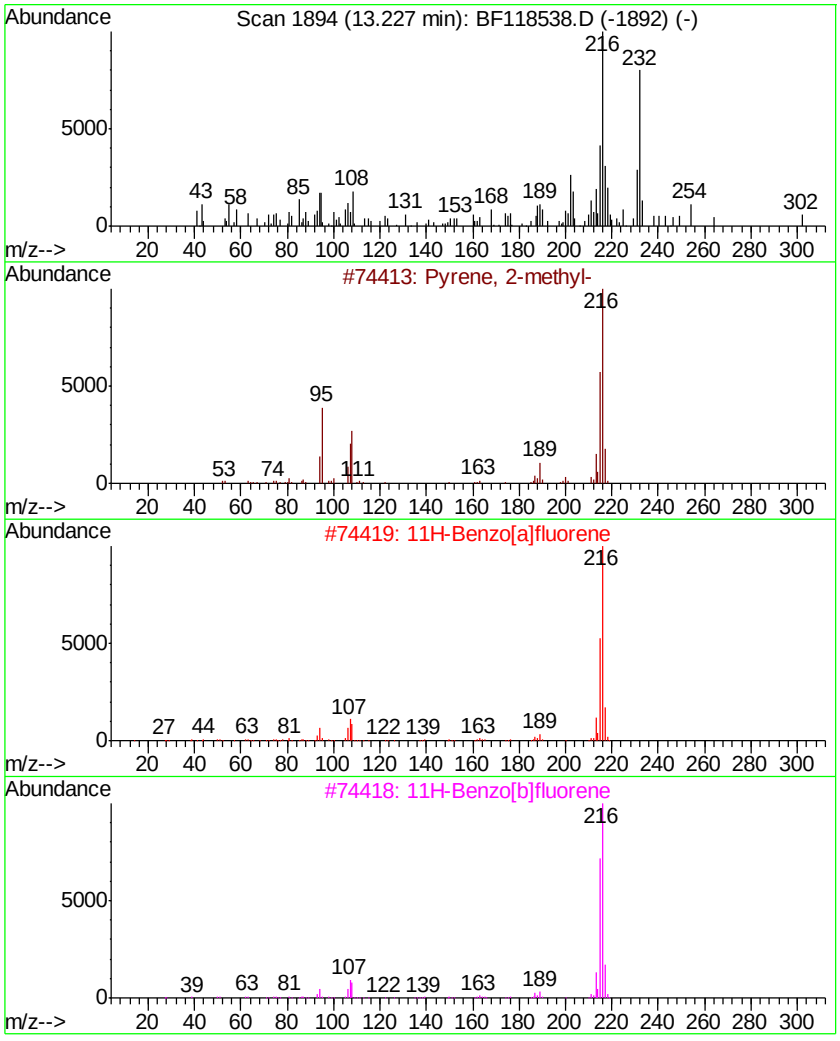
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

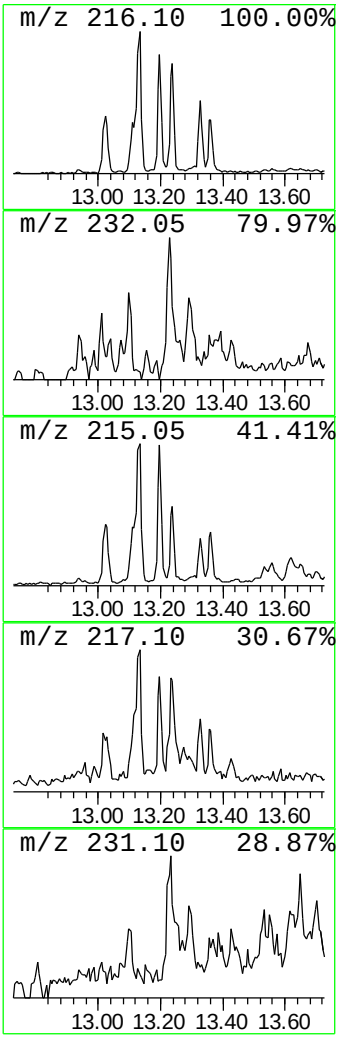
****

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.98 ng	115592	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

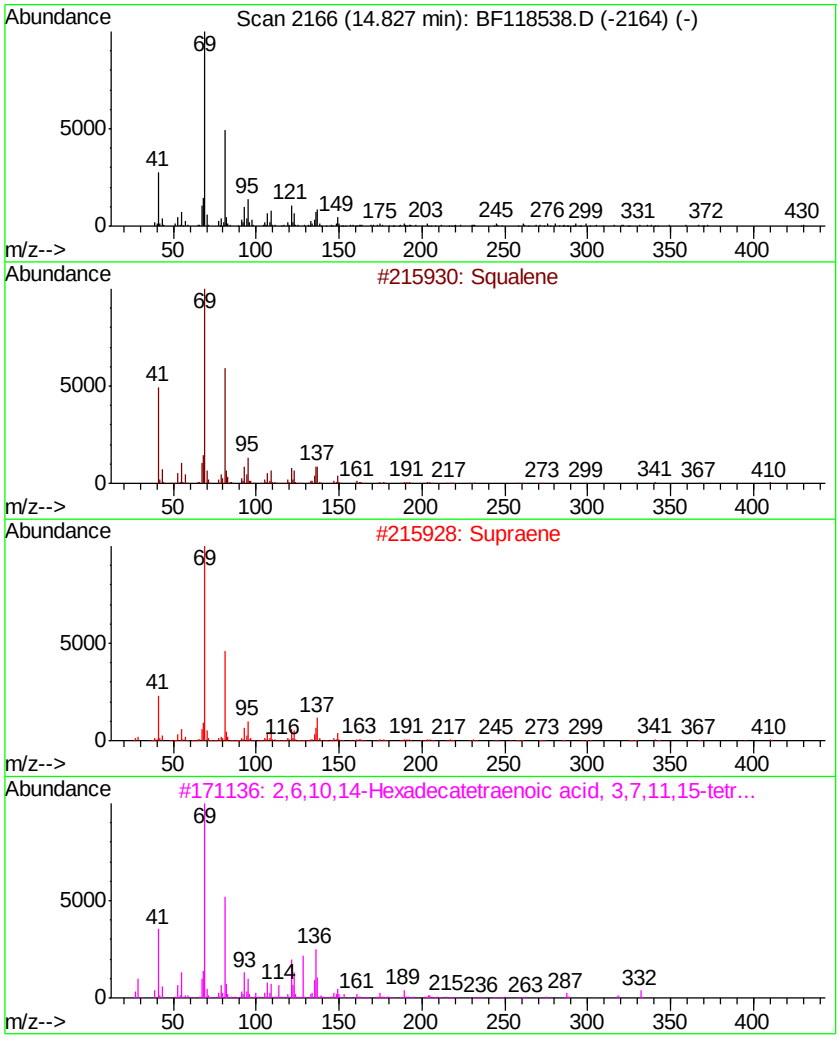
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

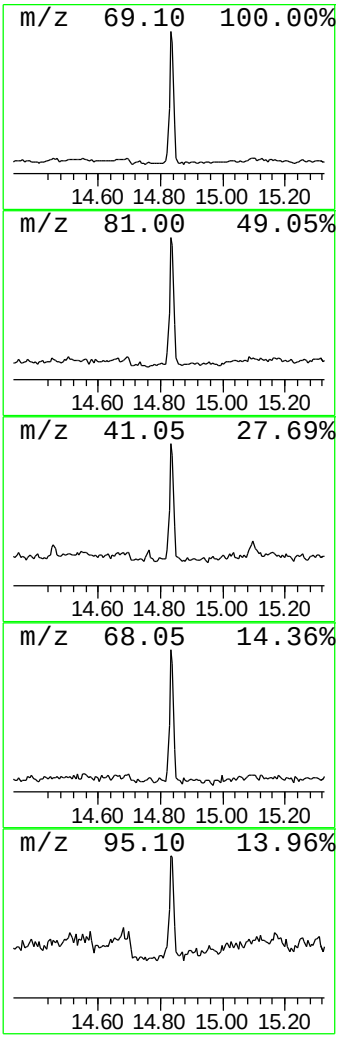
****

Peak Number 15 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	12.74 ng	393001	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	78
4	trans-Farnesol	222	C15H26O	000106-28-5	64
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

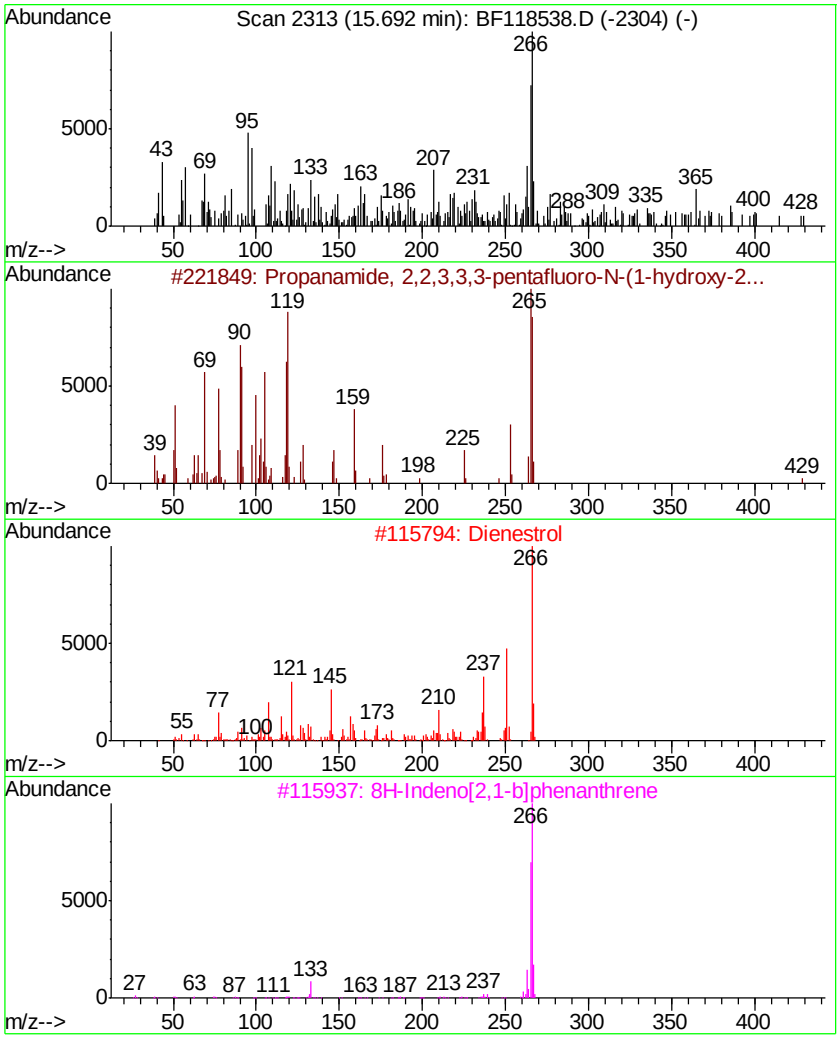
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

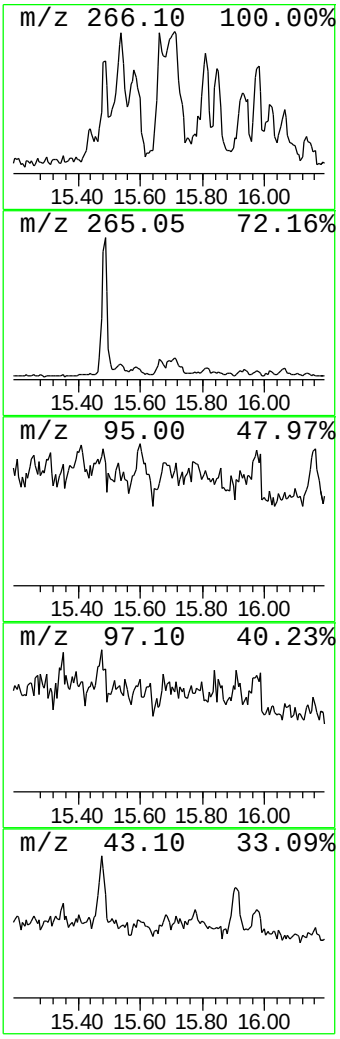
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Propanamide, 2,2,3,3,3-pent... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	10.98 ng	338842	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, 2,2,3,3,3-pentafluo...	429	C14H9F10NO3	072347-72-9	91
2	Dienestrol	266	C18H18O2	000084-17-3	44
3	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	42
4	(1H)Phenanthro[9,10-d]pyrazole, ...	294	C21H14N2	037944-54-0	41
5	Ethanone, 1-[4-[4-(dimethylamino...	266	C17H18N2O	038131-68-9	38





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Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

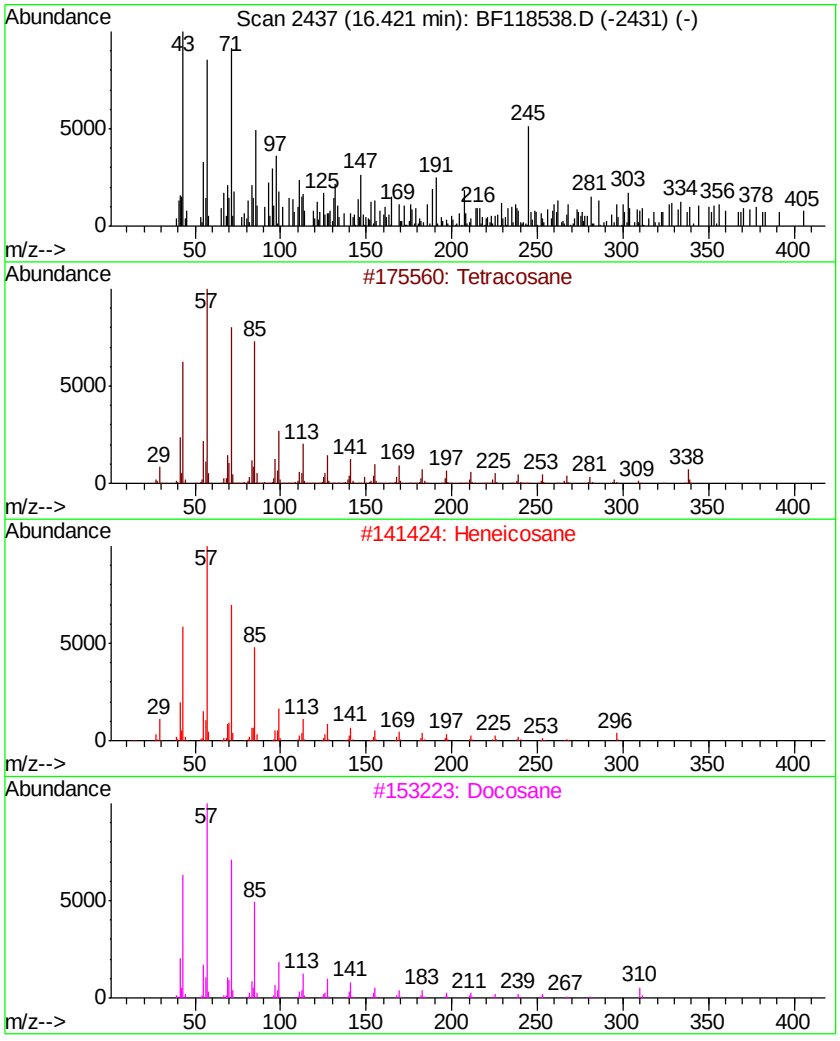
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

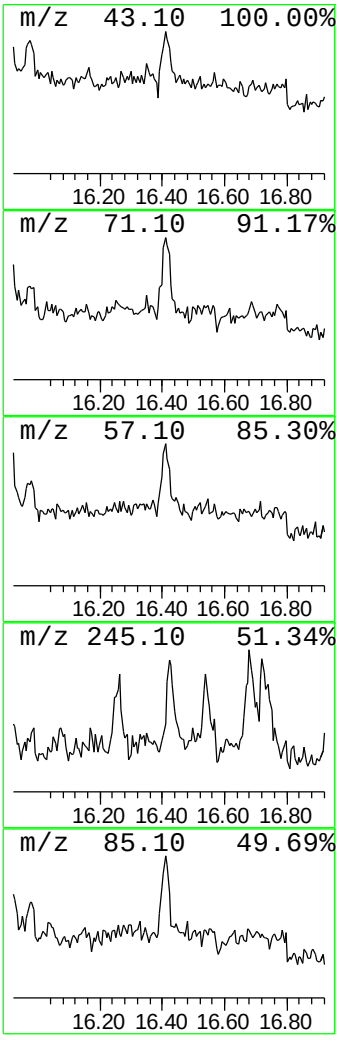
****

Peak Number 17 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	5.20 ng	160427	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	78
2	Heneicosane	296	C21H44	000629-94-7	60
3	Docosane	310	C22H46	000629-97-0	60
4	Behenyl chloride	344	C22H45Cl	042217-03-8	52
5	Tetratetracontane	619	C44H90	007098-22-8	49





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Data File : BF118538.D
Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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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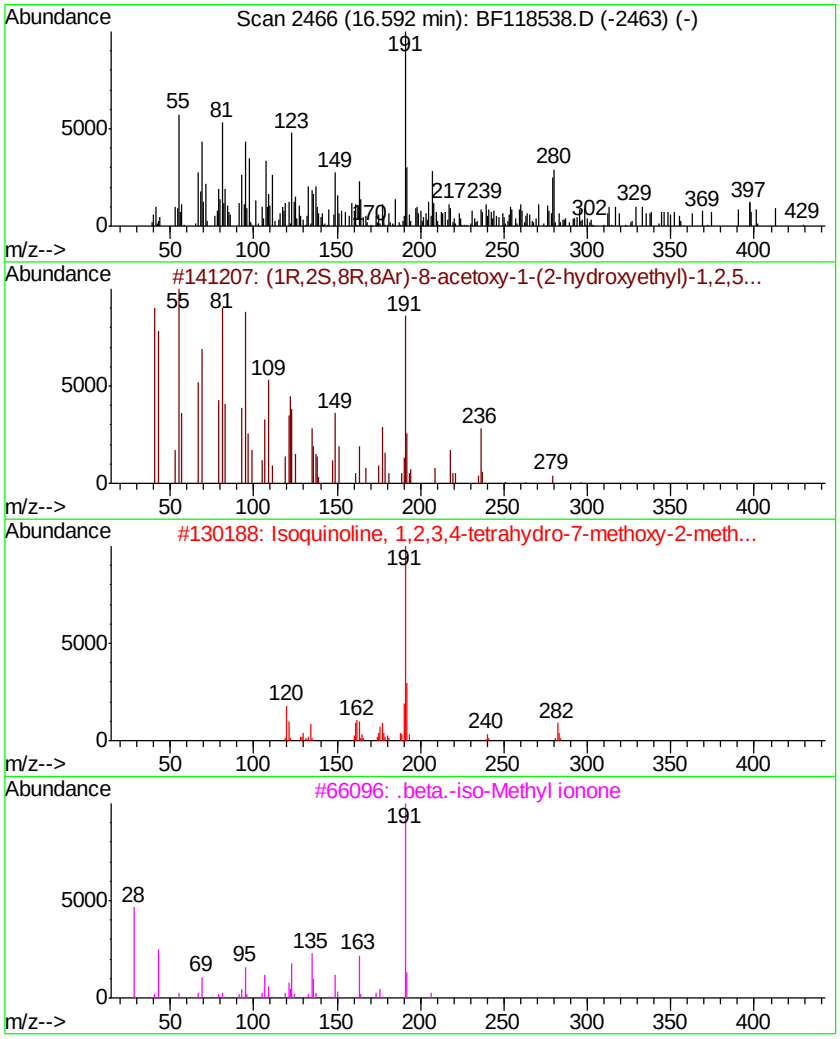
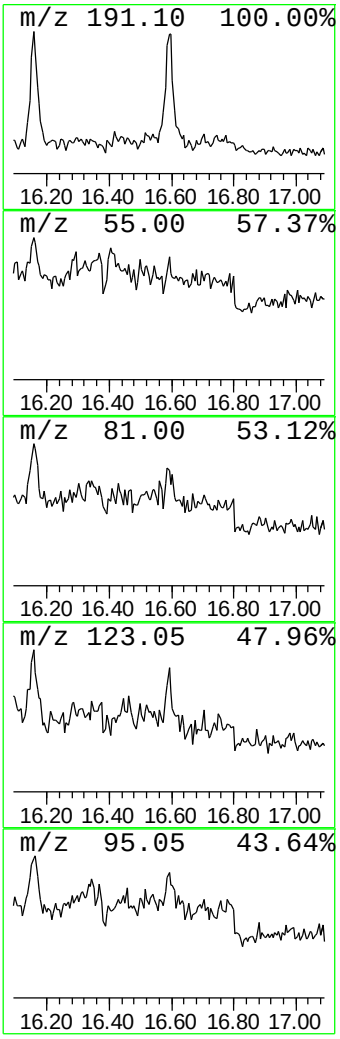
Peak Number 18 (1R,2S,8R,8Ar)-8-acetoxy-1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	5.64 ng	173899	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,2S,8R,8Ar)-8-acetoxy-1-(2-hy...	296	C18H32O3	1000298-98-4	78
2	Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	60
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	55
4	Propenamide, 3-(3,4-dimethoxyphe...	313	C18H19NO4	339165-72-9	43
5	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118538.D
Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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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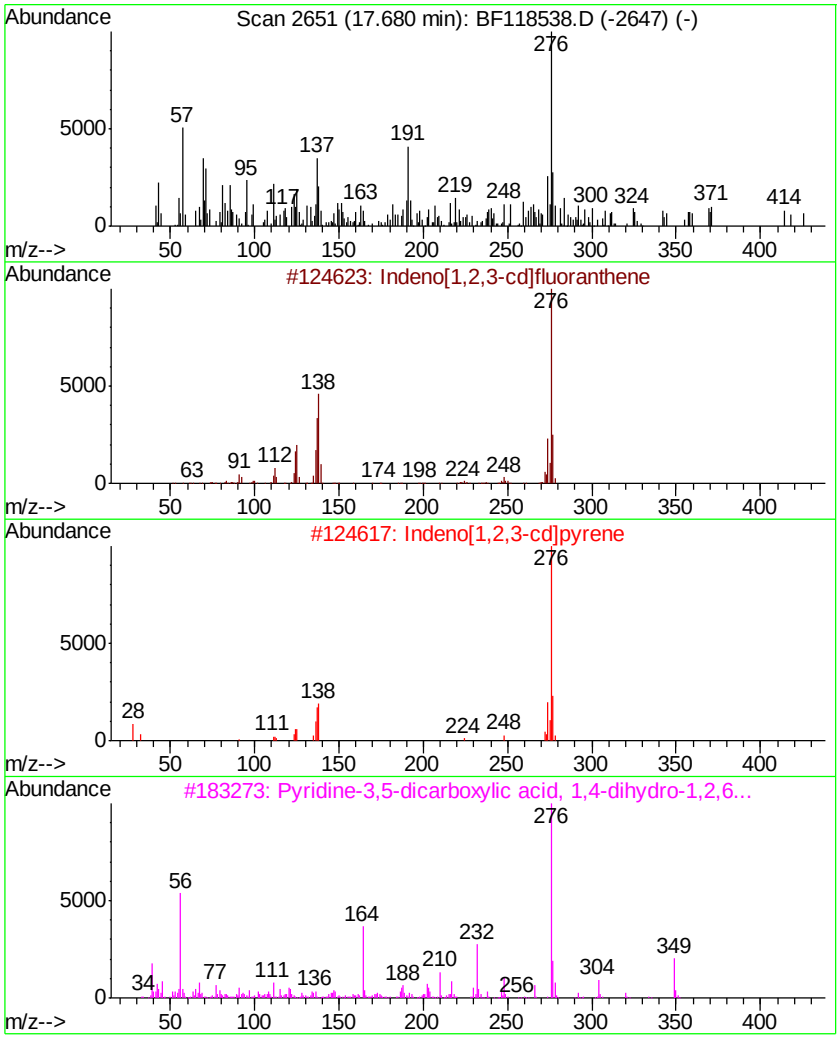
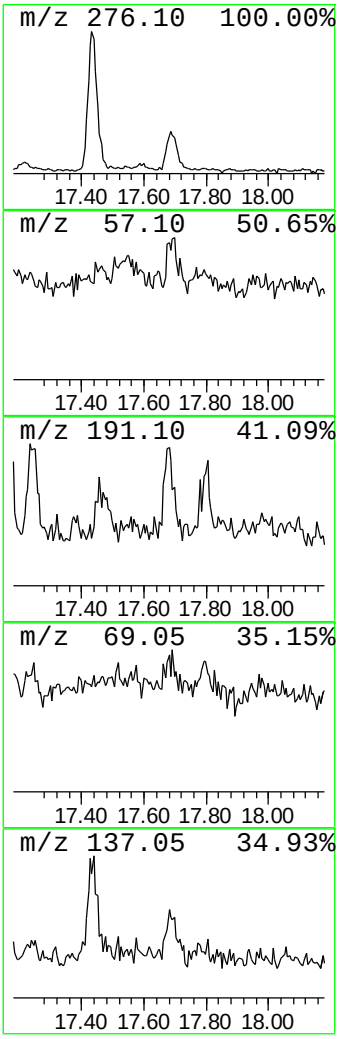
Peak Number 19 unknown17.68 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	3.31 ng	102142	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	41
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	41
3	Pyridine-3,5-dicarboxylic acid, ...	349	C18H23NO4S	1000276-80-7	38
4	6-Bromo-2,5-dimethoxy-4-nitroani...	276	C8H9BrN2O4	1000214-34-8	38
5	Benzofuro[3,2-d]pyrimidine, 4-me...	276	C17H12N2O2	312265-36-4	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118538.D
Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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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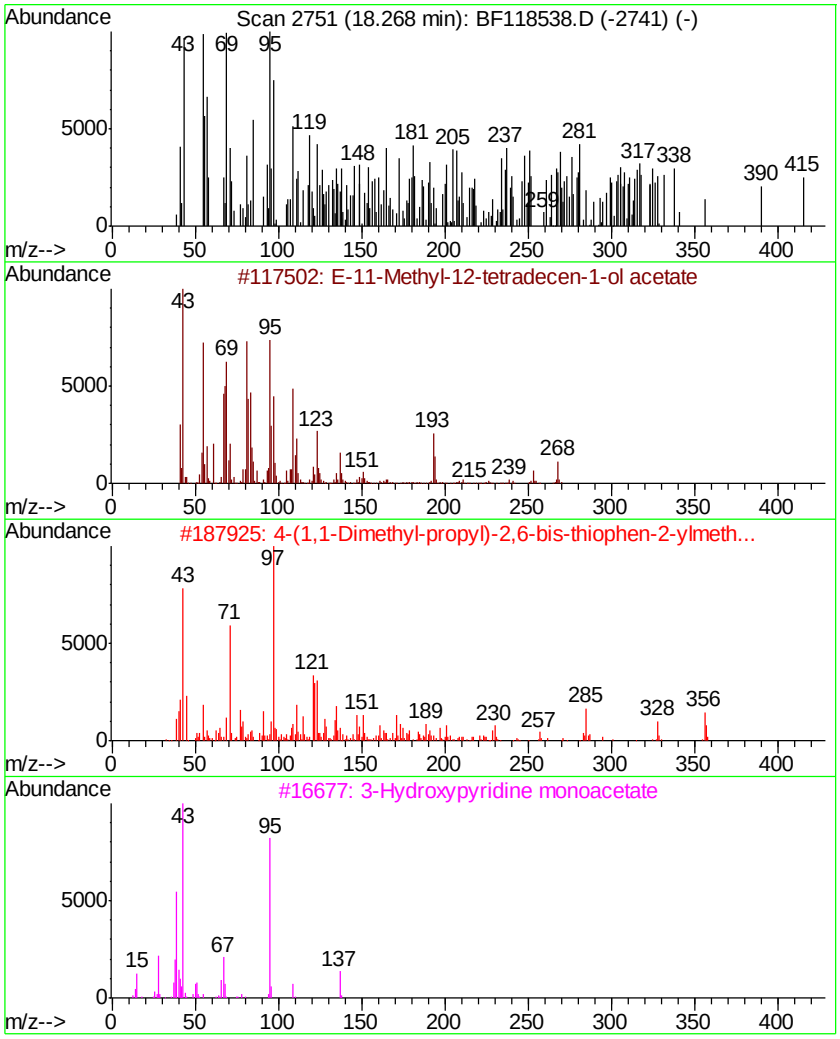
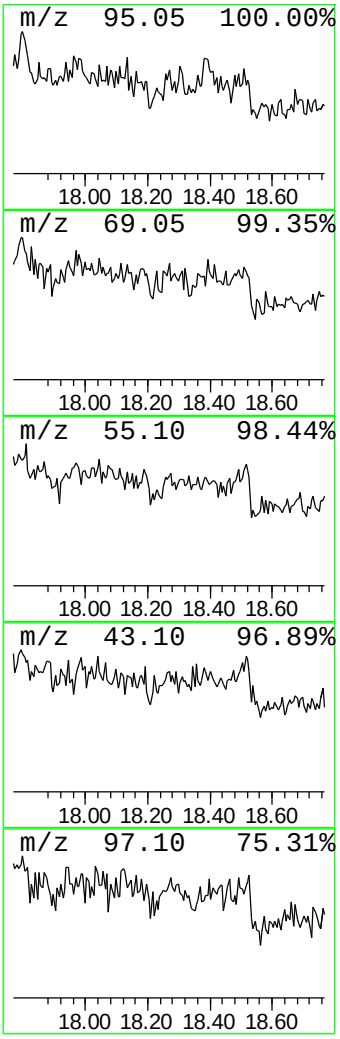
Peak Number 20 unknown18.27 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	5.00 ng	154222	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-11-Methyl-12-tetradecen-1-ol a...	268	C17H32O2	1000130-80-7	18
2	4-(1,1-Dimethyl-propyl)-2,6-bis-...	356	C21H24OS2	1000300-29-4	15
3	3-Hydroxypyridine monoacetate	137	C7H7NO2	017747-43-2	11
4	3,5-Dimethyl-1-dodecylpyrazole	264	C17H32N2	002655-30-3	11
5	1,5-Dioxa-10,17-diazacycloheneic...	356	C17H28N2O6	079688-13-4	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011320\
Data File : BF118538.D
Acq On : 13 Jan 2020 18:45
Operator : JU
Sample : L1014-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-011020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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-Acetoxyisobutyr...	5.00	6.0	ng	112105	1	6.82	370832	20.0
unknown6.59	6.59	37.5	ng	694316	1	6.82	370832	20.0
Naphthalene, 1,3-...	9.52	3.5	ng	96270	3	9.86	551408	20.0
Naphtho[2,1-b]thi...	11.25	2.9	ng	84678	4	11.35	577170	20.0
Phenanthrene, 1-m...	11.86	4.0	ng	116667	4	11.35	577170	20.0
1H-Cyclopropa[l]p...	11.88	7.9	ng	227443	4	11.35	577170	20.0
4H-Cyclopenta[def...	11.97	5.7	ng	163942	4	11.35	577170	20.0
Anthracene, 1-met...	11.99	2.8	ng	80943	4	11.35	577170	20.0
Phenanthrene, 2,5...	12.40	5.0	ng	144026	4	11.35	577170	20.0
3-Bromobenzoic ac...	12.45	5.3	ng	153556	4	11.35	577170	20.0
3,4-Biphenyldicar...	12.50	3.0	ng	86665	4	11.35	577170	20.0
11H-Benzo[b]fluorene	13.13	6.0	ng	232521	5	14.00	776503	20.0
Pyrene, 2-methyl-	13.23	3.0	ng	115592	5	14.00	776503	20.0
Squalene	14.83	12.7	ng	393001	6	15.49	617117	20.0
Propanamide, 2,2,...	15.69	11.0	ng	338842	6	15.49	617117	20.0
Tetracosane	16.42	5.2	ng	160427	6	15.49	617117	20.0
(1R,2S,8R,8Ar)-8-...	16.59	5.6	ng	173899	6	15.49	617117	20.0
unknown17.68	17.68	3.3	ng	102142	6	15.49	617117	20.0
unknown18.27	18.27	5.0	ng	154222	6	15.49	617117	20.0