LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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-BF062119.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	4.419	417	422	426	rBV	46302	56880	1.41%	0.100%
2	5.190	549	553	565	rBV	1440818	1334395	33.01%	2.354%
3	6.237	727	731	735	rBV	1662567	1426266	35.28%	2.516%
4	6.366	749	753	761	rBV	1813530	1542270	38.15%	2.720%
5	6.601	789	793	797	rBV	1633718	1348681	33.36%	2.379%
6	6.754	816	819	823	rBV	1501854	1258550	31.13%	2.220%
7	7.160	883	888	896	rBV	1019446	914661	22.63%	1.613%
8	7.884	1007	1011	1014	rBV	2155572	1776613	43.95%	3.134%
9	8.454	1102	1108	1113	rBV3	38628	56449	1.40%	0.100%
10	8.595	1128	1132	1135	rVB2	47472	45762	1.13%	0.081%
11	8.960	1190	1194	1197	rBV	2314892	1939157	47.97%	3.421%
12	9.219	1234	1238	1242	rBV2	37879	53747	1.33%	0.095%
13	9.295	1246	1251	1253	rVV	72063	79533	1.97%	0.140%
14	9.354	1257	1261	1264	rVV	281003	258039	6.38%	0.455%
15	9.407	1267	1270	1278	rVB2	44388	54980	1.36%	0.097%
16	9.489	1281	1284	1290	rBV	137300	131232	3.25%	0.231%
17	9.630	1302	1308	1311	rBV	2261315	2039093	50.44%	3.597%
18	9.660	1311	1313	1317	rVB	193027	160822	3.98%	0.284%
19	9.830	1337	1342	1347	rBV	110256	126849	3.14%	0.224%
20	9.948	1357	1362	1365	rBV2	45675	54550	1.35%	0.096%
21	10.048	1373	1379	1382	rBV3	58515	81042	2.00%	0.143%
22	10.172	1391	1400	1403	rBV	261206	258286	6.39%	0.456%
23	10.236	1407	1411	1413	rBV	50242	58271	1.44%	0.103%
24	10.330	1424	1427	1429	rBV	64370	50755	1.26%	0.090%
25	10.407	1434	1440	1446	rBV2	1285030	1265940	31.32%	2.233%
26	10.460	1446	1449	1454	rVB3	48126	57767	1.43%	0.102%
27	10.560	1460	1466	1471	rVB2	181538	245353	6.07%	0.433%
28	10.607	1471	1474	1477	rBV	387453	401445	9.93%	0.708%
29	10.642	1477	1480	1483	rVV2	395380	507440	12.55%	0.895%
30	10.677	1483	1486	1488	rVV2	347446	416592	10.31%	0.735%
31	10.701	1488	1490	1492	rVV	226388	241374	5.97%	0.426%
32	10.742	1494	1497	1501	rVV2	196267	354716	8.77%	0.626%
33	10.783	1501	1504	1508	rVV3	330281	489985	12.12%	0.864%
34	10.825	1508	1511	1513	rVV	407118	406169	10.05%	0.716%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.866	1516	1518	1523	rVB	269025	260863	6.45%	0.460%
36	10.907	1523	1525	1530	rVB3	64055	62408	1.54%	0.110%
37	10.960	1530	1534	1536	rBV4	64080	90433	2.24%	0.160%
38	10.983	1536	1538	1539	rVV	101955	84495	2.09%	0.149%
39	11.001	1539	1541	1544	rVB2	173144	141749	3.51%	0.250%
40	11.101	1554	1558	1560	rBV	2130858	2007871	49.67%	3.542%
41	11.124	1560	1562	1566	rVV	2507037	2224190	55.02%	3.923%
42	11.177	1566	1571	1575	rVB	824955	689874	17.07%	1.217%
43	11.219	1575	1578	1581	rBV2	50277	60417	1.49%	0.107%
44	11.330	1594	1597	1600	rBV	80655	61576	1.52%	0.109%
45	11.401	1606	1609	1611	rBV	83780	66296	1.64%	0.117%
46	11.430	1611	1614	1618	rVB3	104269	107548	2.66%	0.190%
47	11.513	1626	1628	1632	rVB	63341	65696	1.63%	0.116%
48	11.601	1640	1643	1646	rBV	370155	323622	8.01%	0.571%
49	11.630	1646	1648	1650	rVV	523068	422785	10.46%	0.746%
50	11.654	1650	1652	1654	rVV	396827	354846	8.78%	0.626%
51	11.677	1654	1656	1659	rVV	214199	183630	4.54%	0.324%
52	11.713	1659	1662	1664	rVV	748568	688297	17.03%	1.214%
53	11.736	1664	1666	1668	rVB	248451	192011	4.75%	0.339%
54	11.830	1679	1682	1685	rVB2	68928	71124	1.76%	0.125%
55	11.895	1690	1693	1695	rVV	245823	228559	5.65%	0.403%
56	11.919	1695	1697	1704	rVB2	158191	166103	4.11%	0.293%
57	11.972	1704	1706	1709	rBV	39169	47725	1.18%	0.084%
58	12.048	1717	1719	1721	rVB	87925	64978	1.61%	0.115%
59	12.077	1721	1724	1726	rBV2	111475	100616	2.49%	0.177%
60	12.101	1726	1728	1731	rVB	84547	62510	1.55%	0.110%
61	12.148	1733	1736	1739	rBV	219091	231835	5.74%	0.409%
62	12.183	1739	1742	1745	rBV	115119	117431	2.90%	0.207%
63	12.230	1748	1750	1755	rVB4	176148	218921	5.42%	0.386%
64	12.313	1759	1764	1767	rBV	4056058	3867132	95.66%	6.821%
65	12.360	1767	1772	1777	rBV4	144972	211547	5.23%	0.373%
66	12.430	1781	1784	1787	rBV3	291238	358065	8.86%	0.632%
67	12.536	1796	1802	1805	rBV	3822079	4042392	100.00%	7.131%
68	12.583	1807	1810	1816	rVB3	424457	615636	15.23%	1.086%
69	12.654	1819	1822	1824	rBV	219067	193792	4.79%	0.342%
70	12.683	1824	1827	1834	rVB	2361237	2029639	50.21%	3.580%
71	12.754	1834	1839	1842	rBV2	251327	403047	9.97%	0.711%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.860	1855	1857	1861	rVB2	523141	489592	12.11%	0.864%
73	12.924	1866	1868	1872	rBV	399395	411322	10.18%	0.726%
74	12.966	1872	1875	1877	rBV	354864	312873	7.74%	0.552%
75	13.054	1887	1890	1893	rBV	214509	198165	4.90%	0.350%
76	13.083	1893	1895	1901	rBV	195842	214027	5.29%	0.378%
77	13.360	1940	1942	1947	rVB	158627	178799	4.42%	0.315%
78	13.471	1958	1961	1964	rBV3	357060	392612	9.71%	0.693%
79	13.501	1964	1966	1968	rVV	248217	209509	5.18%	0.370%
80	13.524	1968	1970	1976	rVV3	237508	314858	7.79%	0.555%
81	13.724	1999	2004	2007	rBV2	2403582	3576945	88.49%	6.310%
82	13.754	2007	2009	2014	rVB2	1818410	1577760	39.03%	2.783%
83	13.830	2019	2022	2025	rVB	361804	286402	7.08%	0.505%
84	14.230	2088	2090	2092	rBV2	211797	192384	4.76%	0.339%
85	14.377	2113	2115	2118	rVB	200397	145324	3.60%	0.256%
86	14.718	2170	2173	2183	rVV	1251550	2297682	56.84%	4.053%
87	14.818	2187	2190	2194	rVB2	361091	406586	10.06%	0.717%
88	14.983	2215	2218	2223	rVB	794659	952139	23.55%	1.680%
89	15.042	2224	2228	2232	rBV	1079954	1278402	31.62%	2.255%
90	15.095	2233	2237	2240	rBV	1011098	1145737	28.34%	2.021%
91	16.371	2450	2454	2462	rVB2	494947	858243	21.23%	1.514%
92	16.748	2515	2518	2531	rVB	359283	638088	15.78%	1.126%

Sum of corrected areas: 56690772

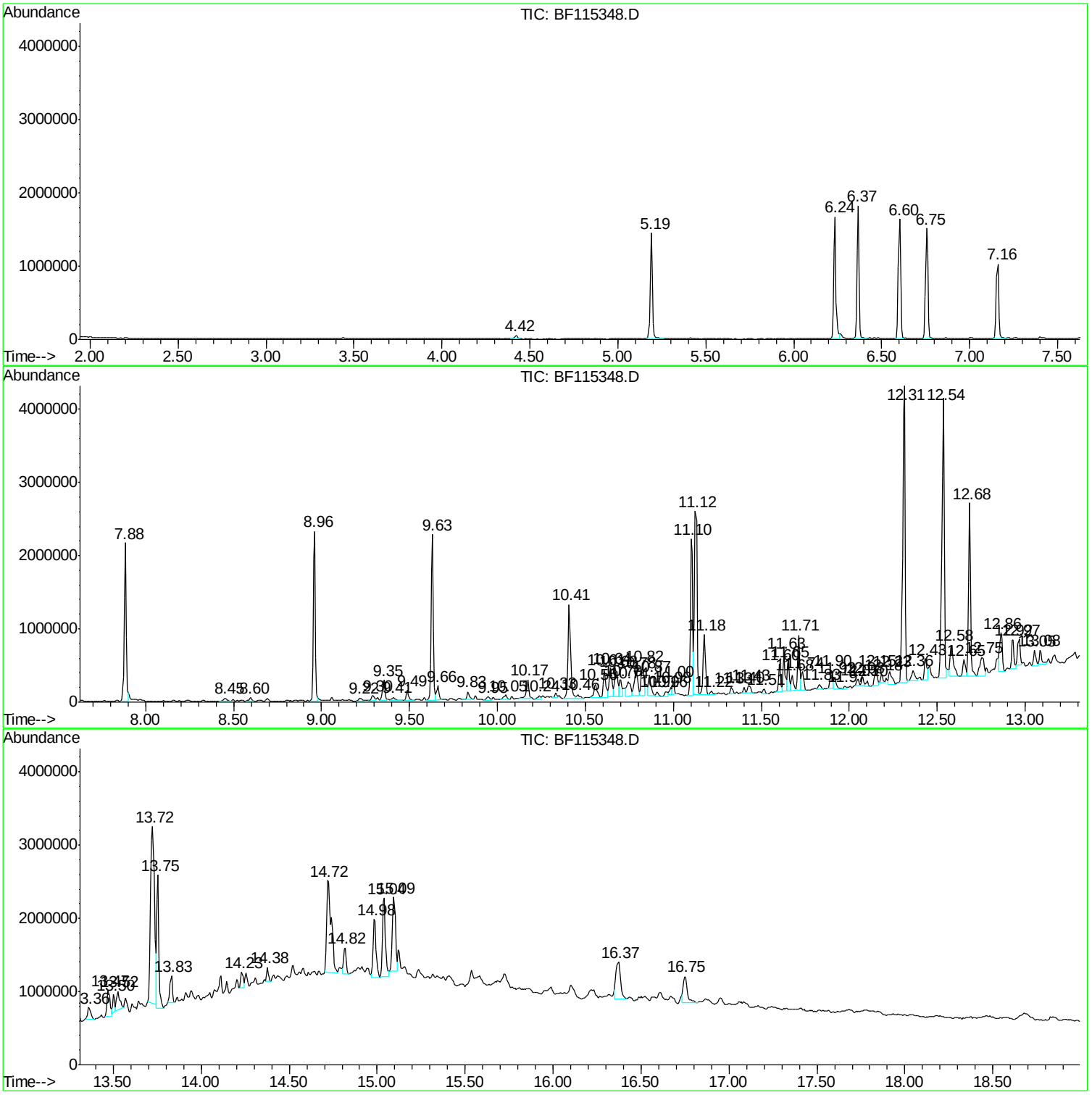
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

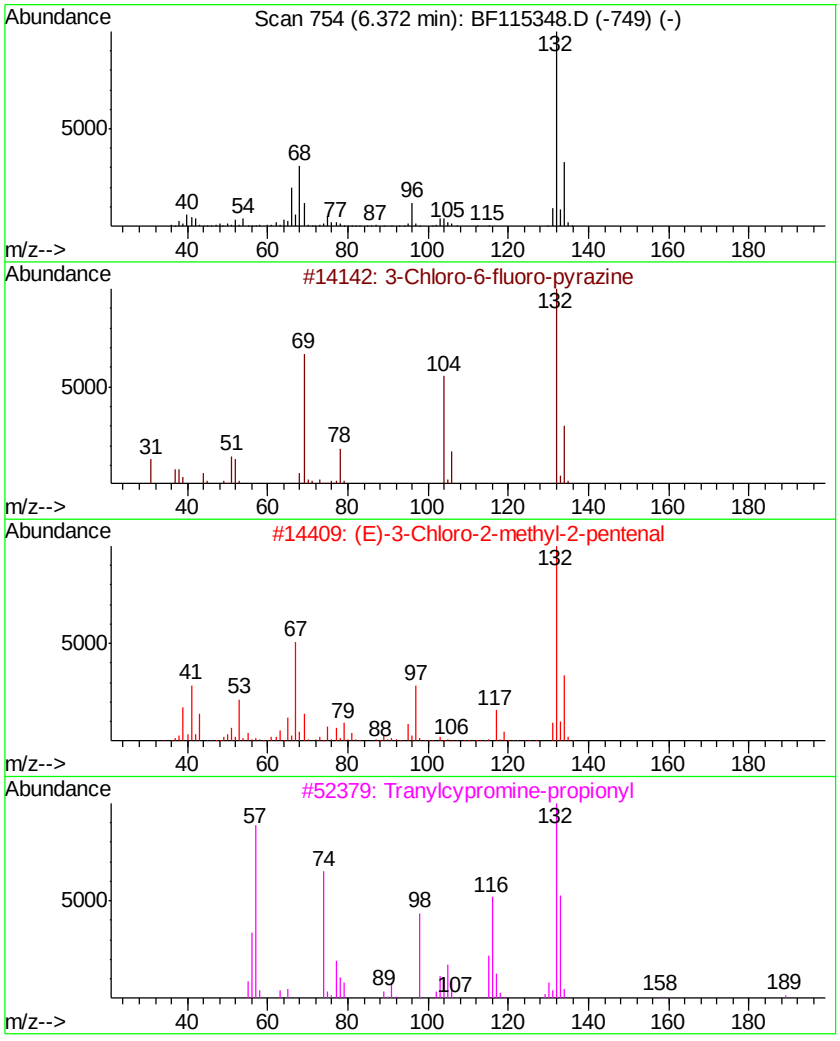
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

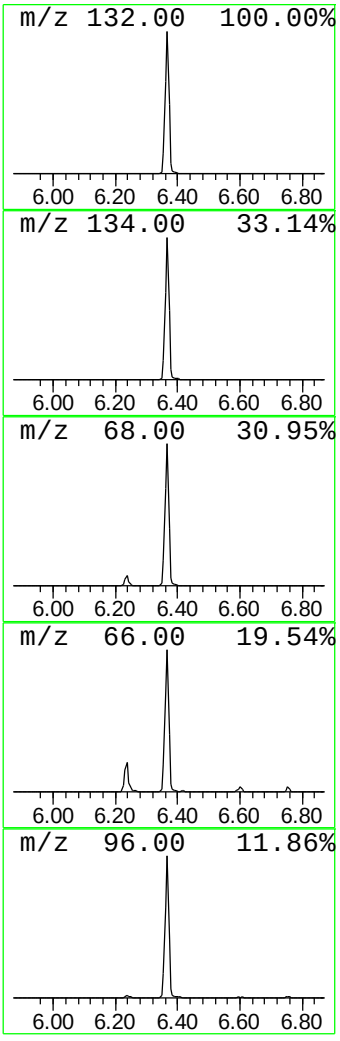
****

Peak Number 1 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	22.87 ng	1542270	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

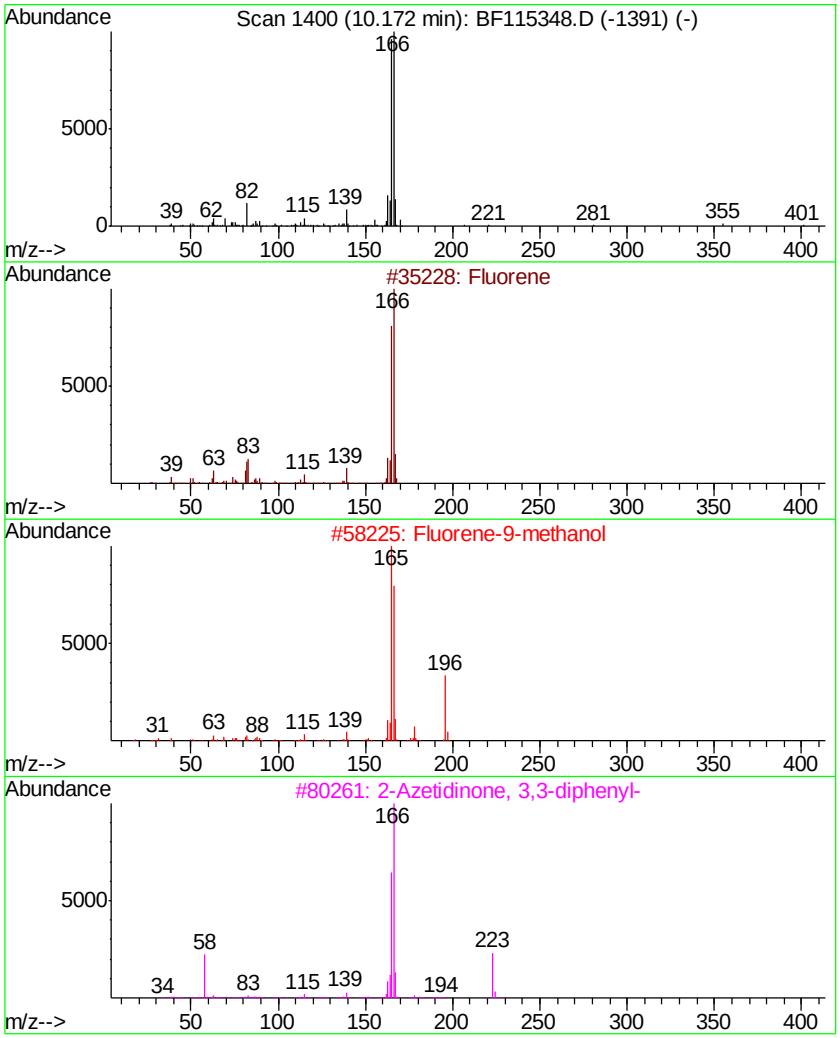
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

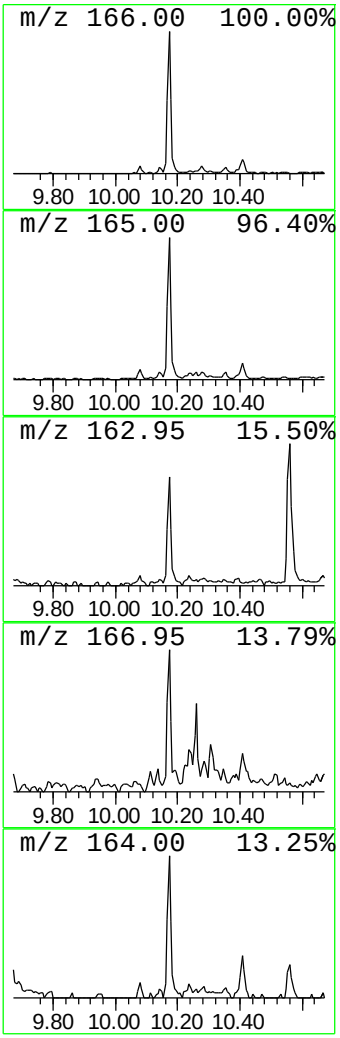
****

Peak Number 3 Fluorene-9-methanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.53 ng	258286	Acenaphthene-d10	9.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	95
2	Fluorene-9-methanol	196	C14H12O	024324-17-2	78
3	2-Azetidinone, 3,3-diphenyl-	223	C15H13NO	015826-12-7	78
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
5	Ethionamide	166	C8H10N2S	000536-33-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

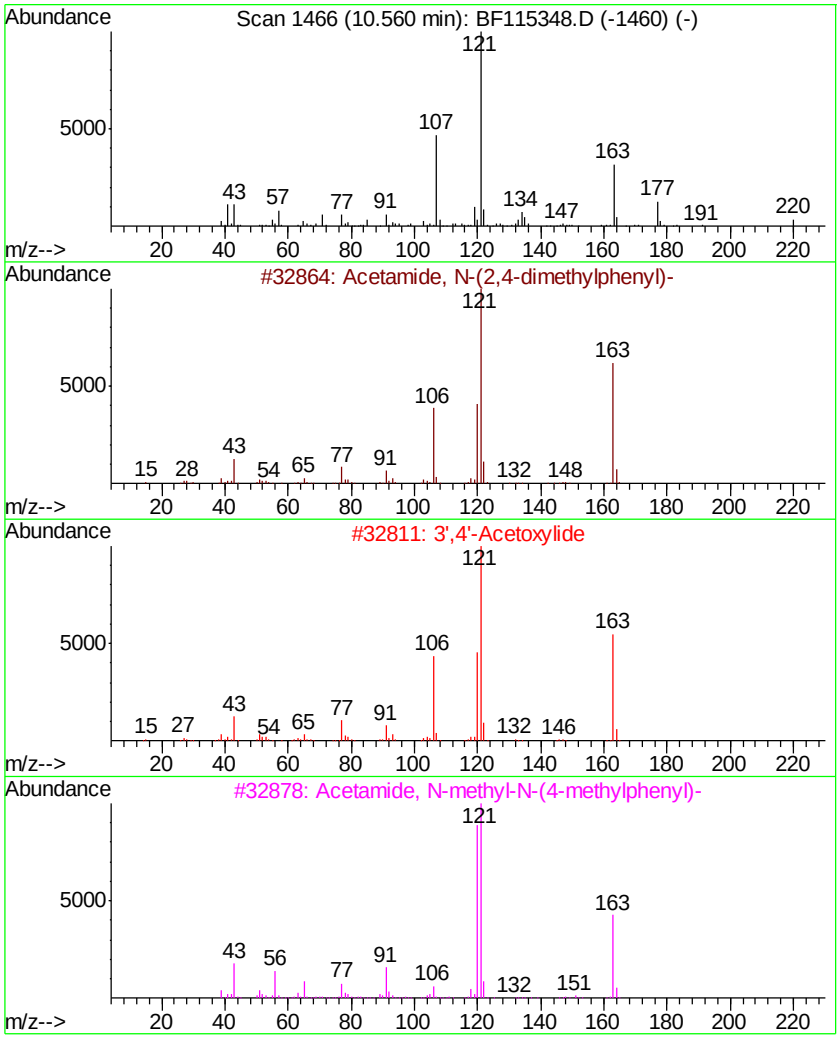
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

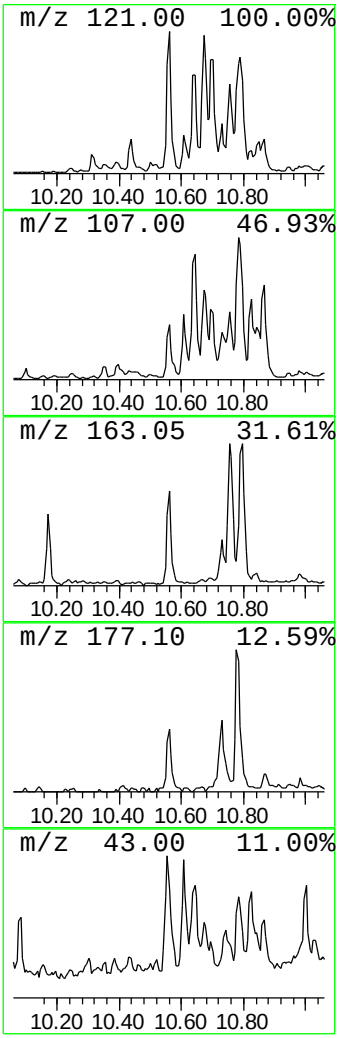
****

Peak Number 4 unknown10.56 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.44 ng	245353	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	49
2	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	47
3	Acetamide, N-methyl-N-(4-methylp...	163	C10H13NO	000612-03-3	43
4	2-Acetamidotropone	163	C9H9NO2	006422-12-4	43
5	3-Oxabicyclo[3.3.1]non-6-ene, 6,...	208	C14H24O	1000277-07-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

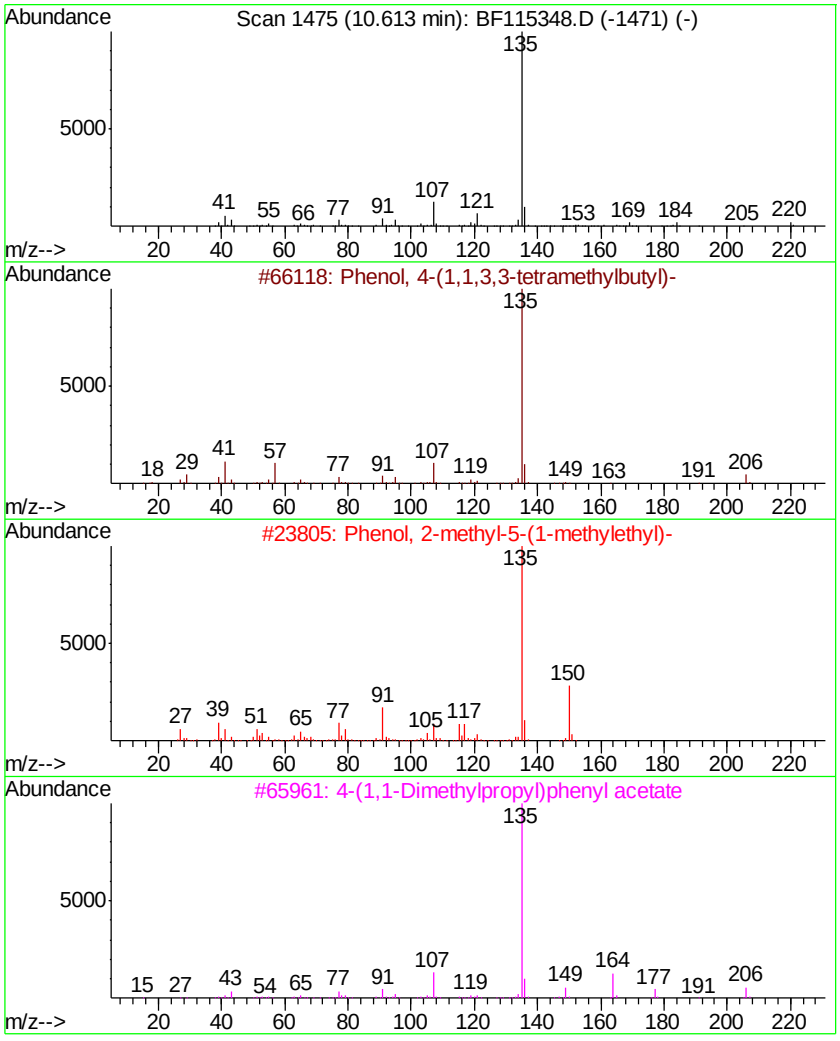
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

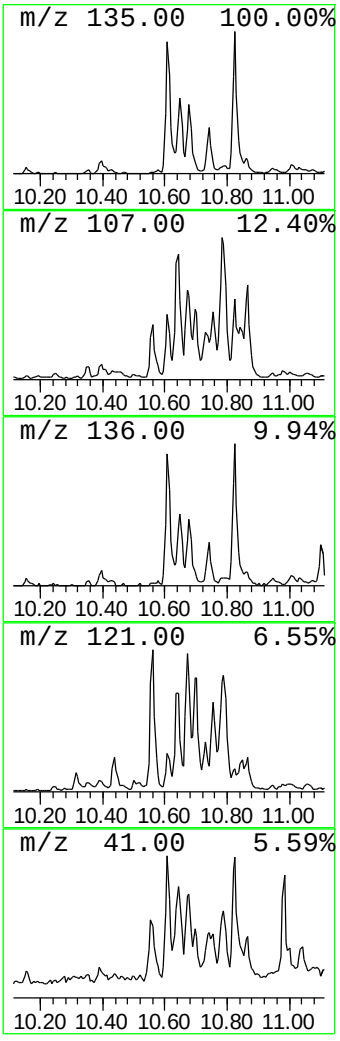
****

Peak Number 5 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	4.00 ng	401445	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64
4	1-n-Hexyladamantane	220	C16H28	022458-75-9	59
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

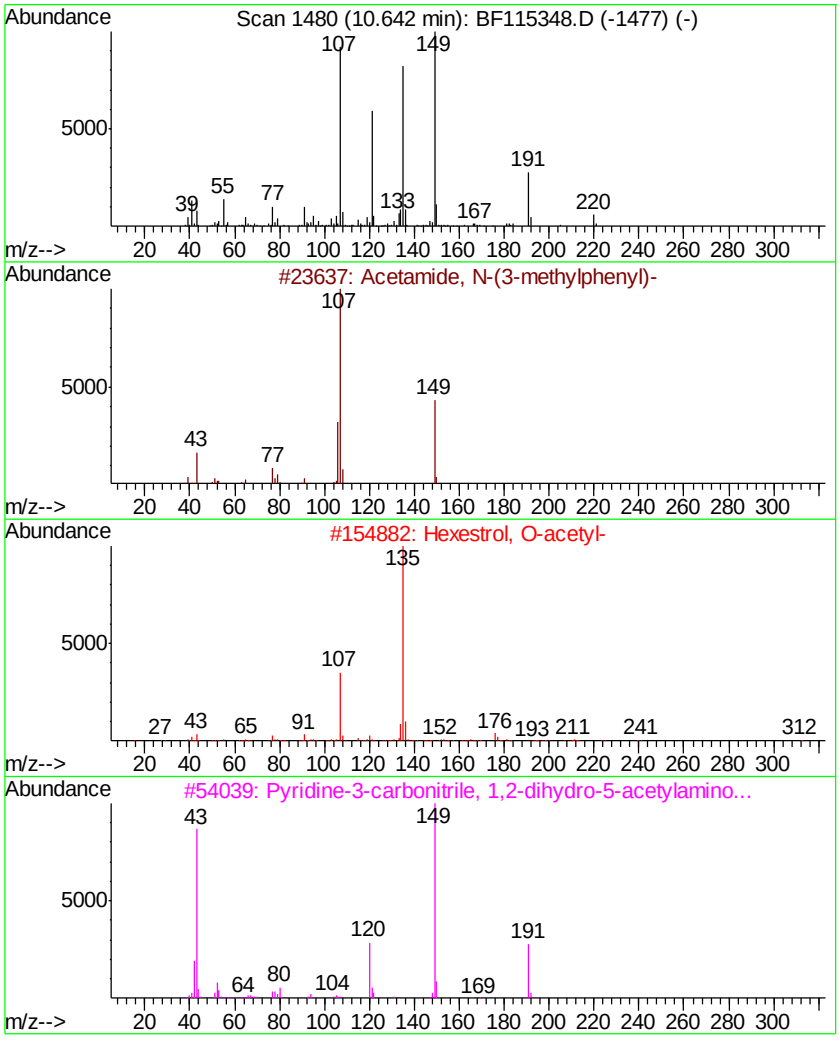
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

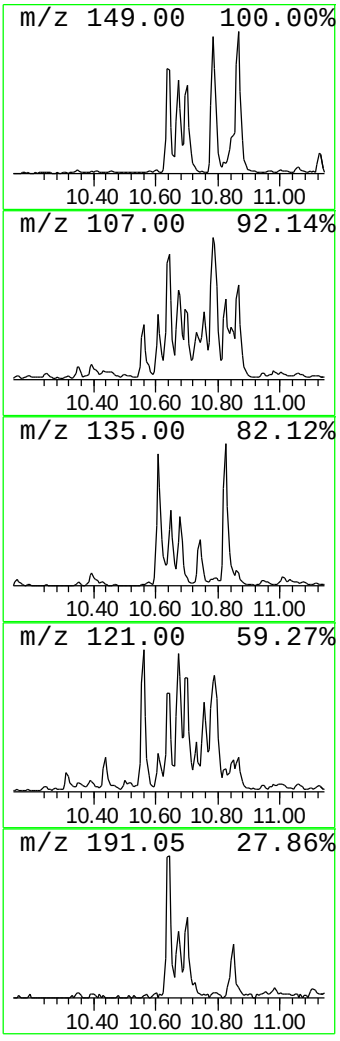
****

Peak Number 6 unknown10.64 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	5.05 ng	507440	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
2	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	43
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	30
4	Phthalic acid, 2,4-dimethylpent-...	306	C18H26O4	1000356-84-2	27
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

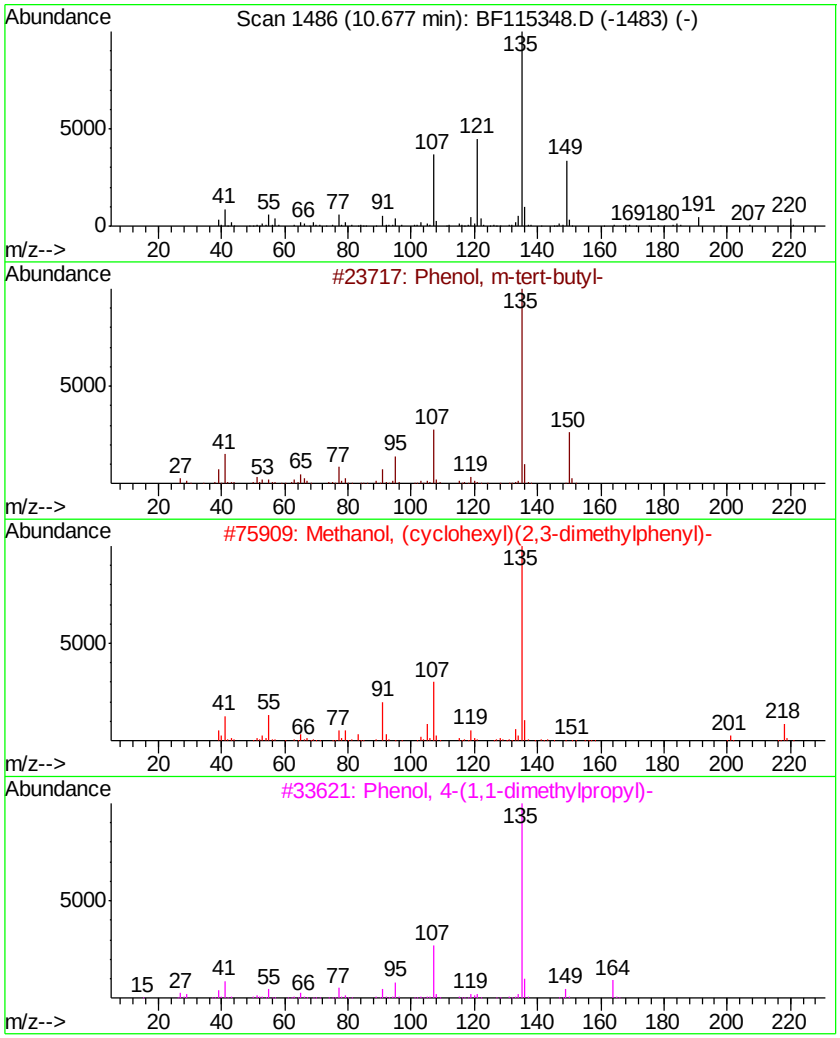
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

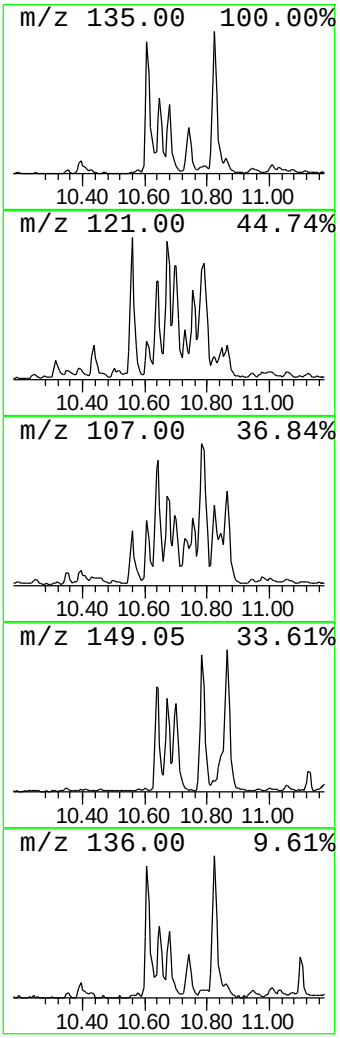
****

Peak Number 7 Phenol, m-tert-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	4.15 ng	416592	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	62
2	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	53
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	53
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	50
5	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

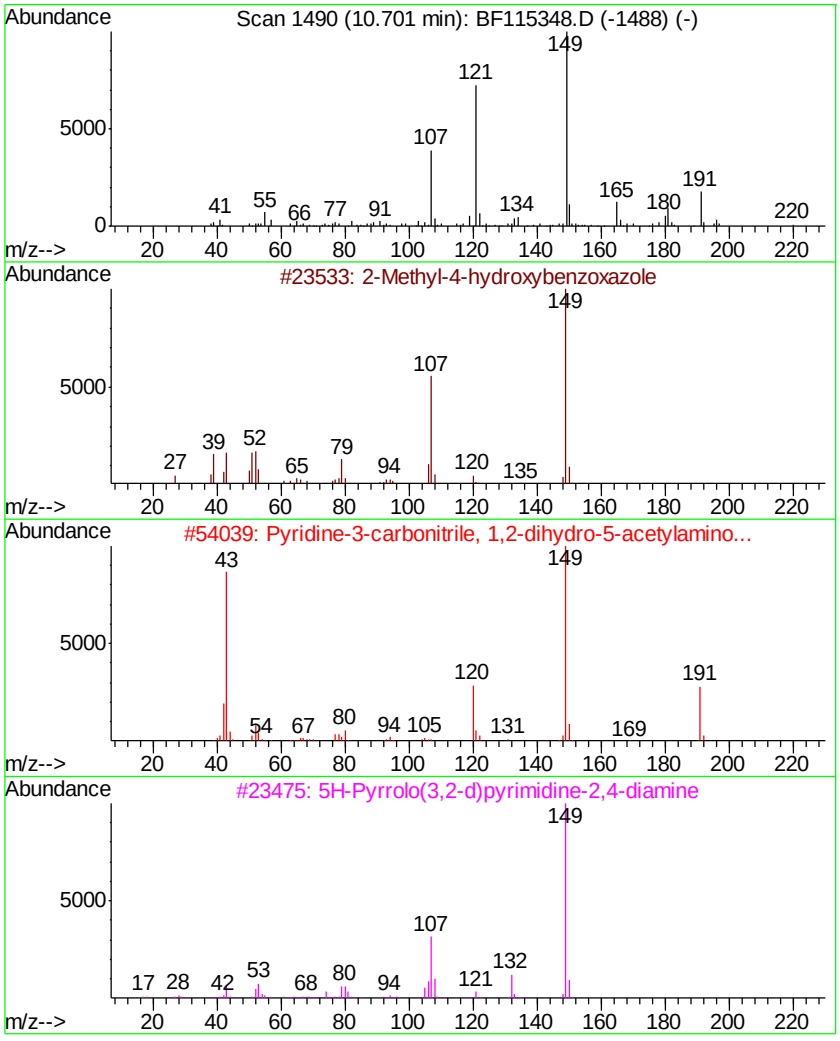
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

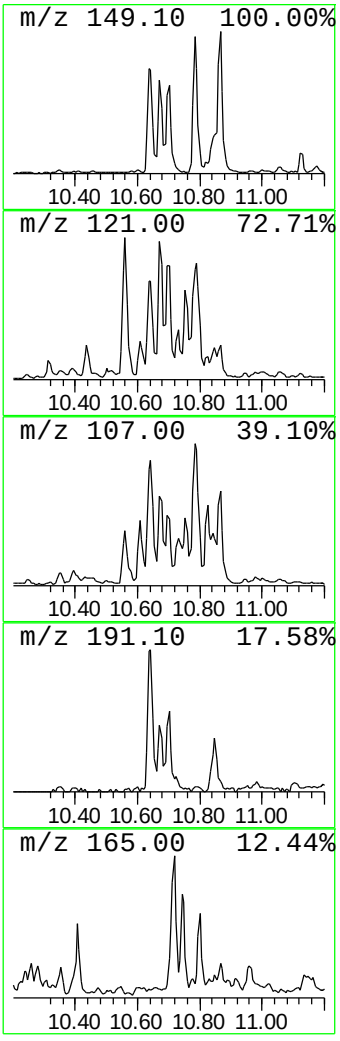
****

Peak Number 8 2-Methyl-4-hydroxybenzoxazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.40 ng	241374	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	53
2	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	47
3	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	45
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
5	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

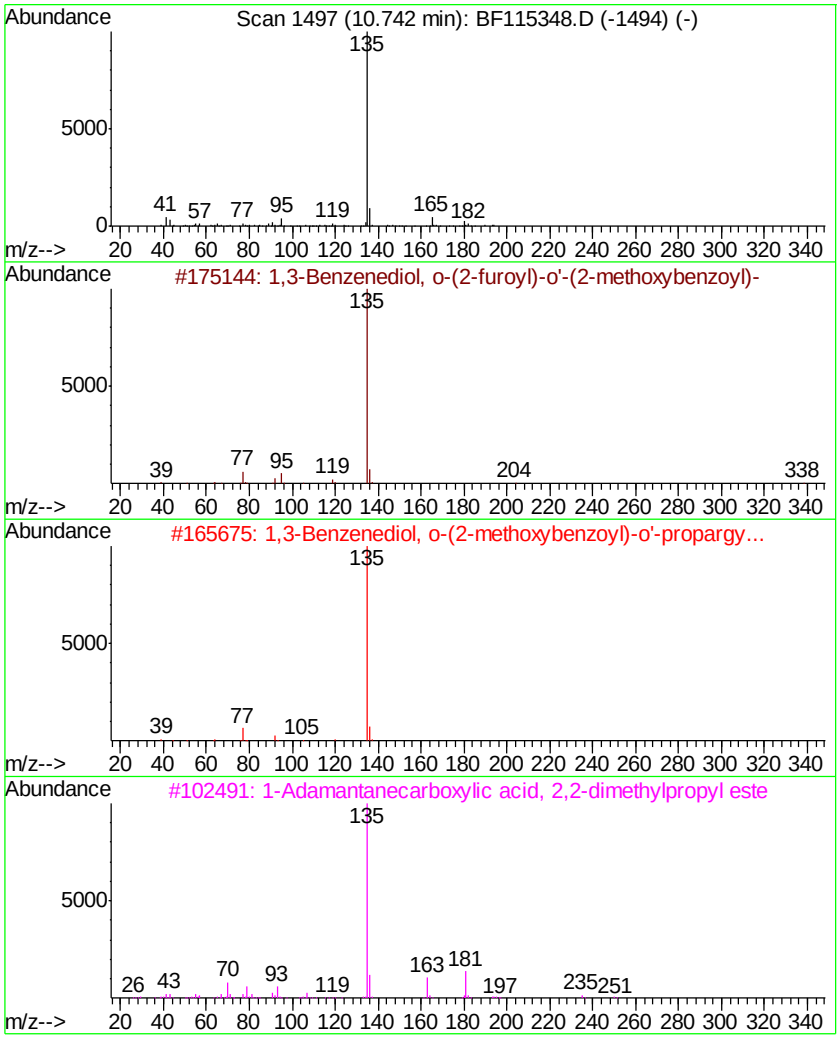
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

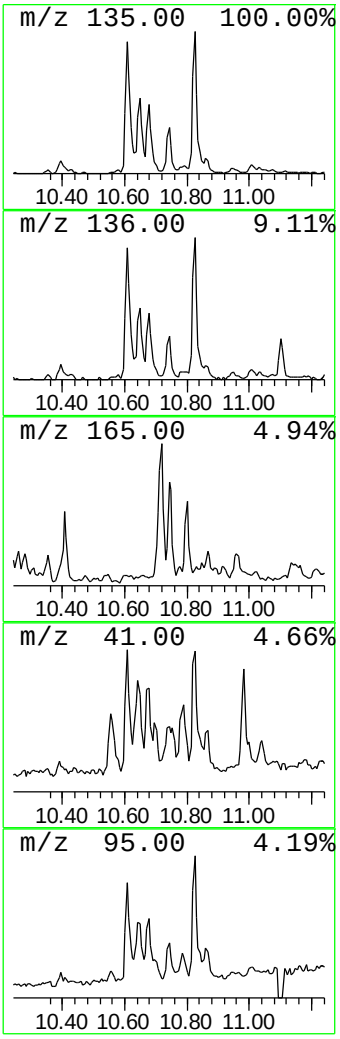
****

Peak Number 9 1,3-Benzenediol, o-(2-furoy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	3.53 ng	354716	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, o-(2-furoyl)-o'...	338	C19H14O6	1000330-77-5	56
2	1,3-Benzenediol, o-(2-methoxyben...	326	C18H14O6	1000330-77-3	45
3	1-Adamantanecarboxylic acid, 2,2...	250	C16H26O2	1000282-39-0	39
4	p-Methoxybenzoic acid, 5-fluoro-...	291	C14H10FNO5	1000292-65-3	38
5	1-Adamantanecarboxylic acid, 4-c...	281	C18H19NO2	1000307-66-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

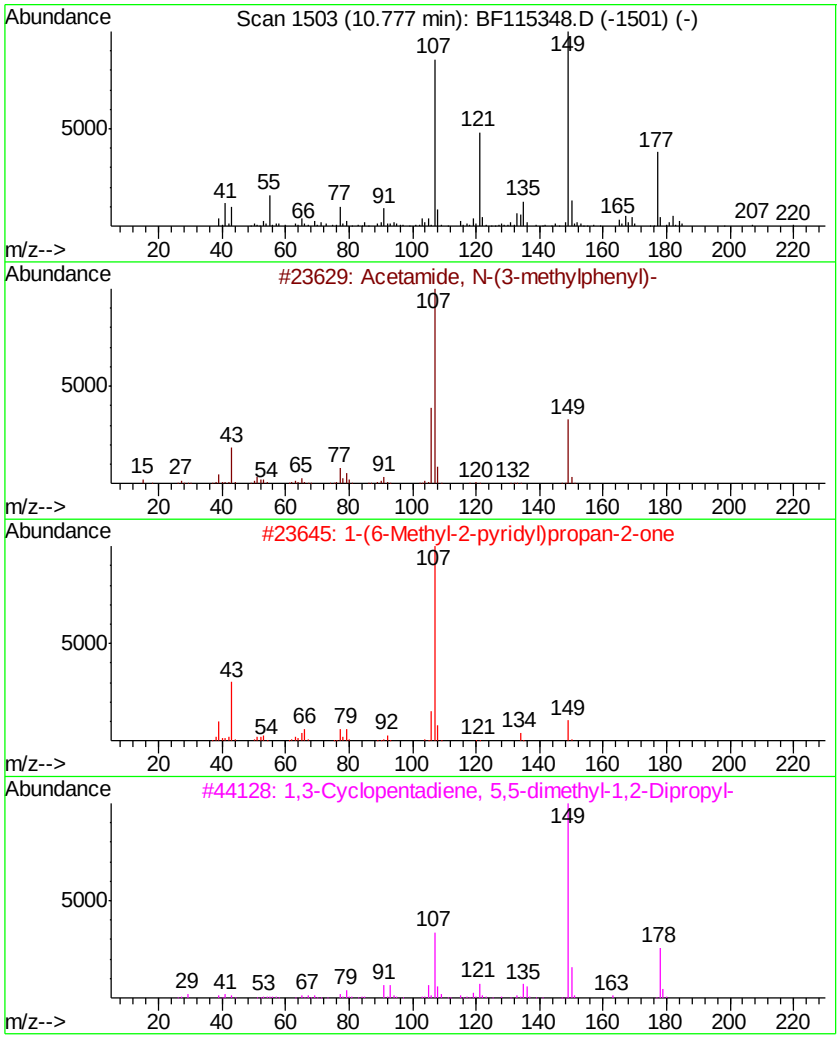
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

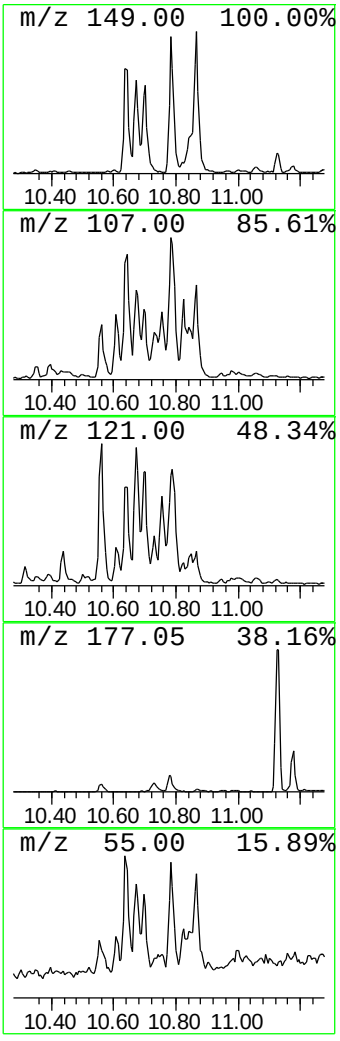
****

Peak Number 10 Acetamide, N-(3-methylphenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	4.88 ng	489985	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	72
2	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	72
3	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	59
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	50
5	Phthalic acid, ethyl 2-(2-nitrop...	343	C18H17NO6	1000377-99-1	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

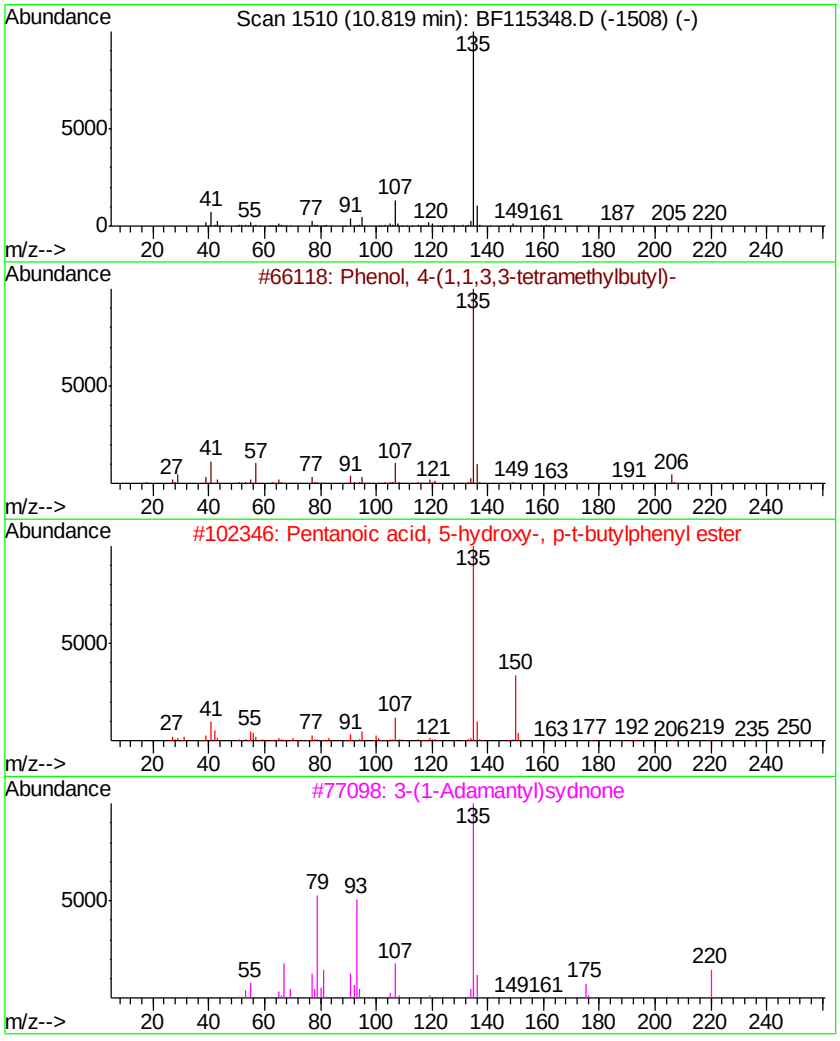
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

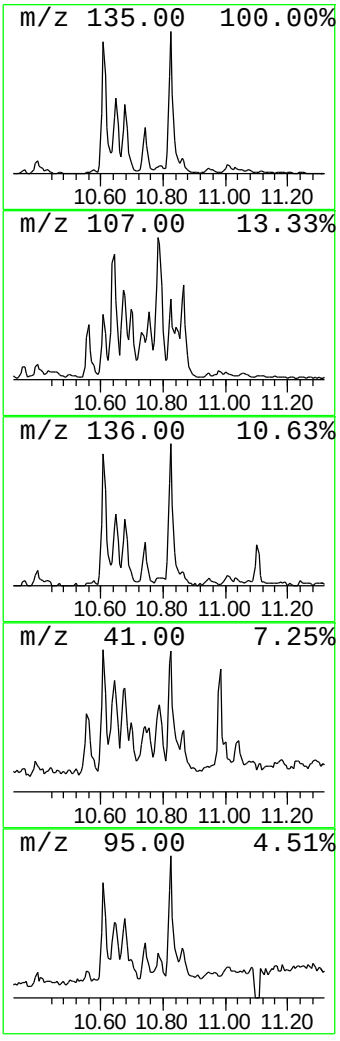
****

Peak Number 11 Pentanoic acid, 5-hydroxy-,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	4.05 ng	406169	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
3	3-(1-Adamantyl)sydnone	220	C12H16N2O2	1000140-20-2	64
4	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64
5	Trichloroacetic acid, 1-adamanty...	310	C13H17Cl3O2	1000282-92-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

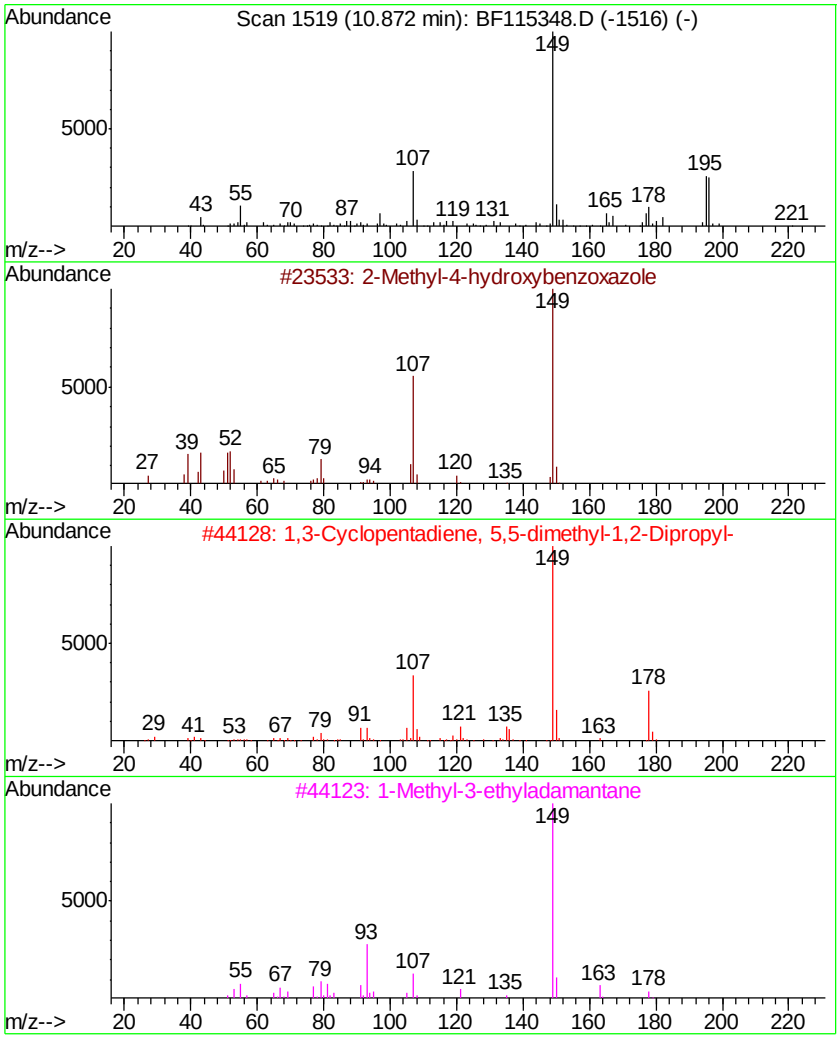
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

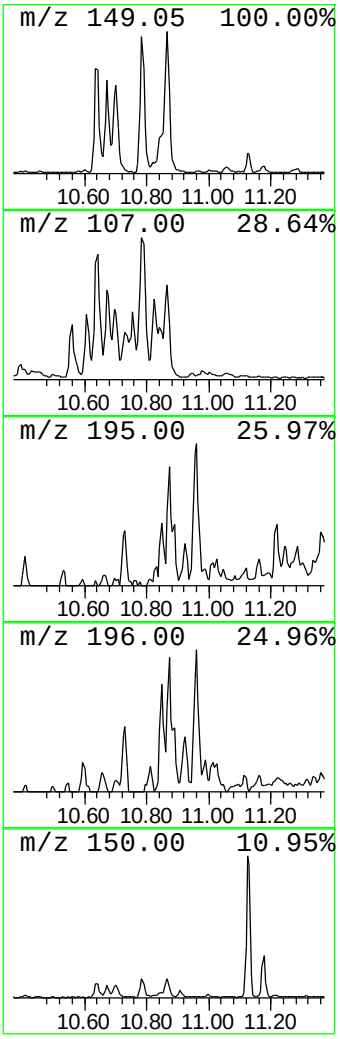
****

Peak Number 12 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	2.60 ng	260863	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	52
3	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	50
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	47
5	Phthalic acid, dodecyl ethyl ester	362	C22H34O4	1000308-93-4	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

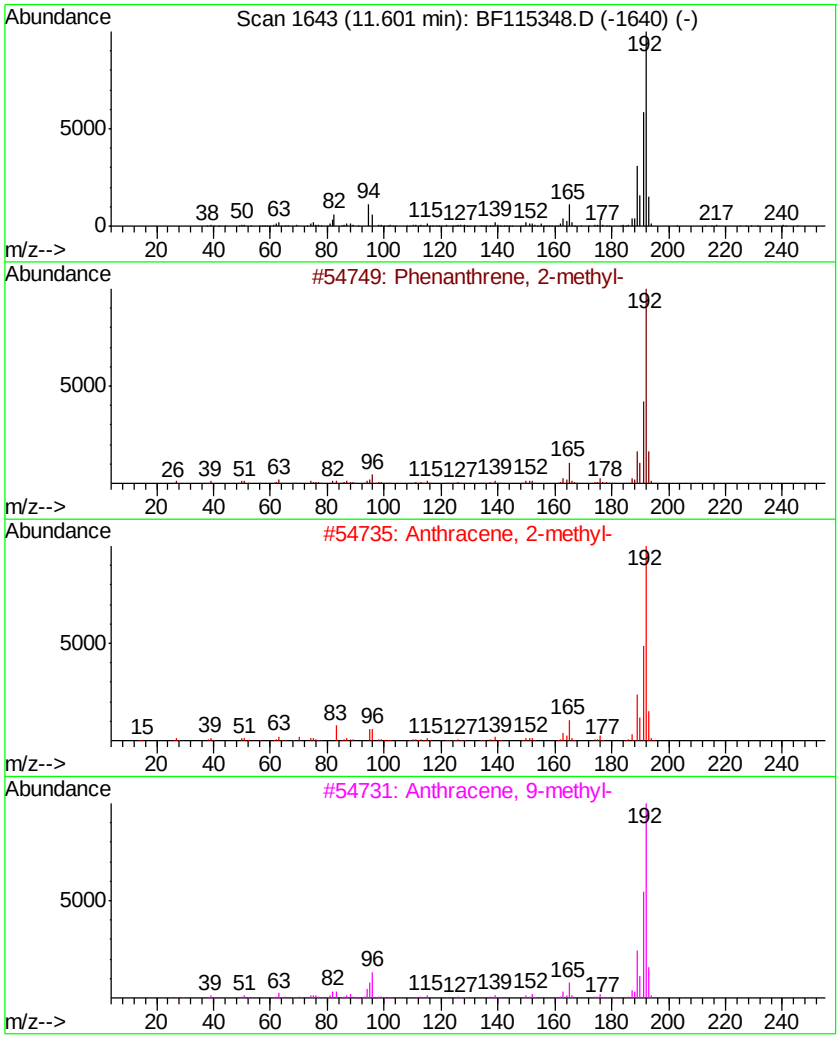
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

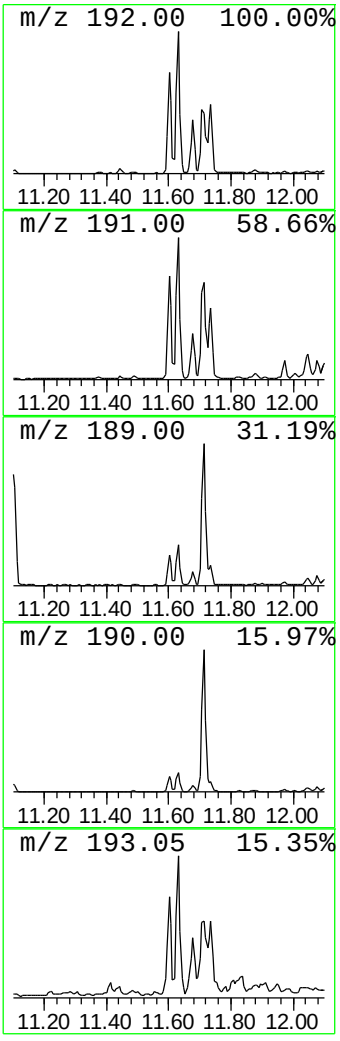
****

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	3.22 ng	323622	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

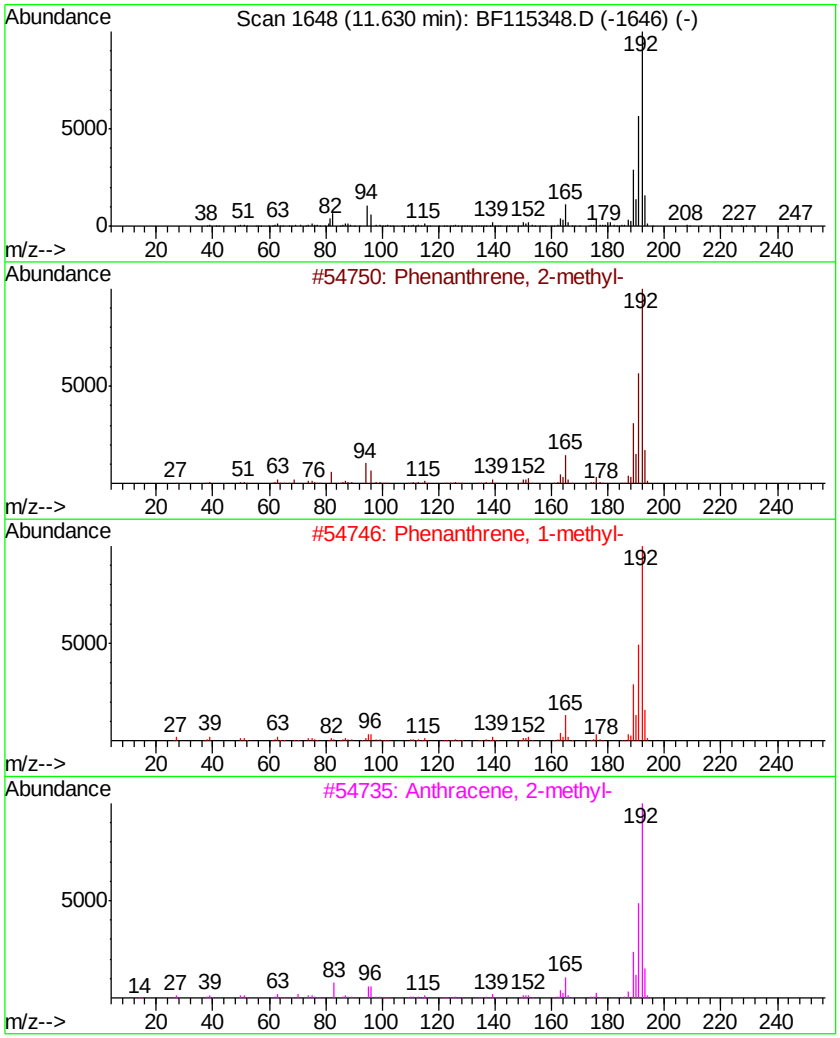
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

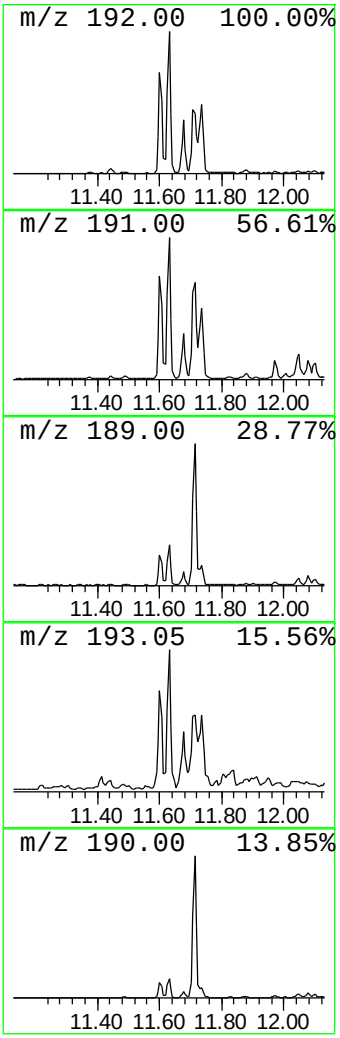
****

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	4.21 ng	422785	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

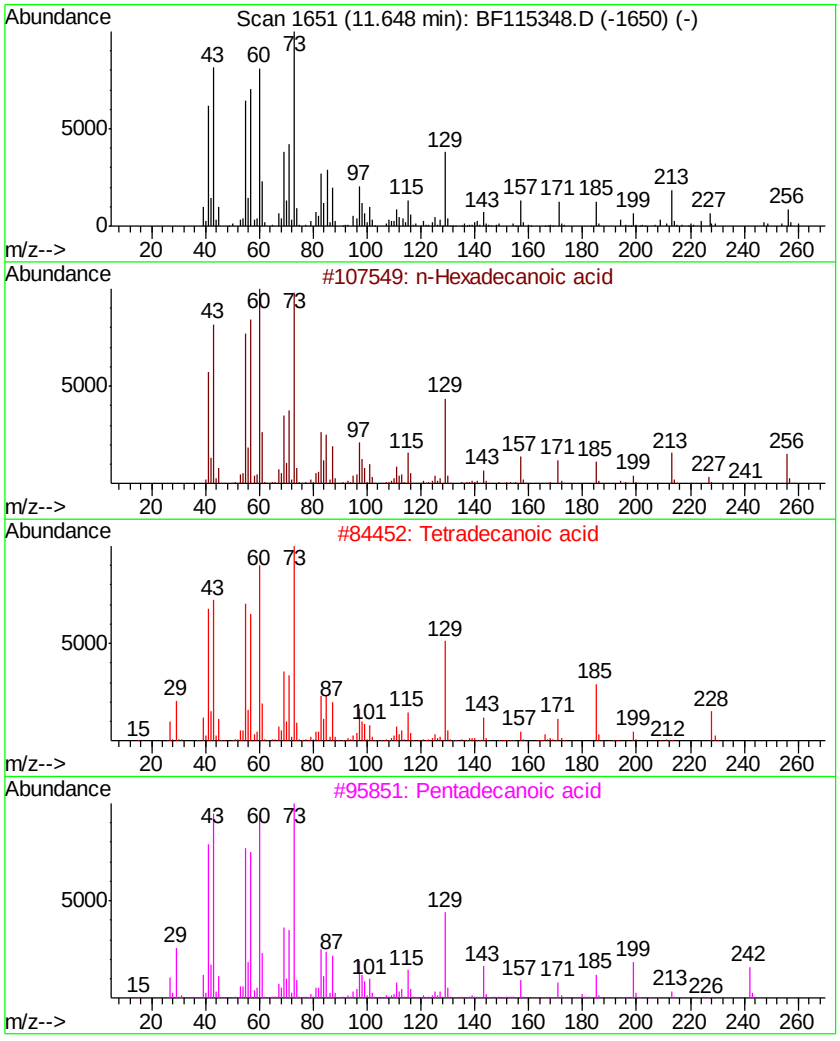
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

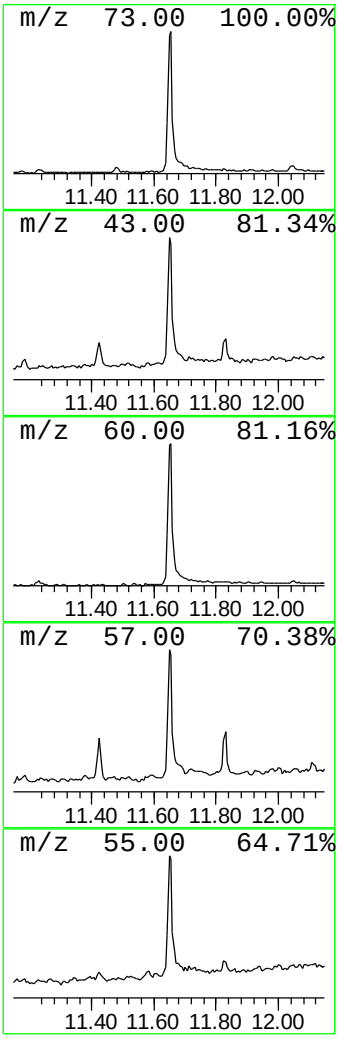
****

Peak Number 15 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	3.53 ng	354846	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

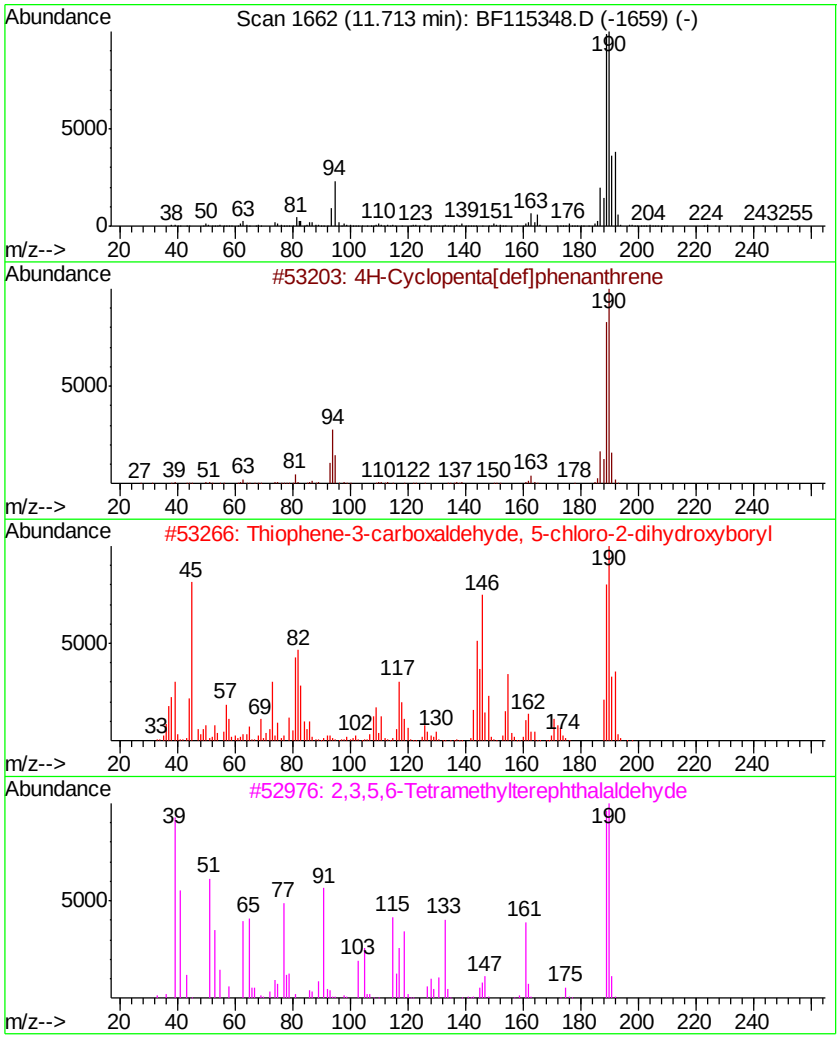
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

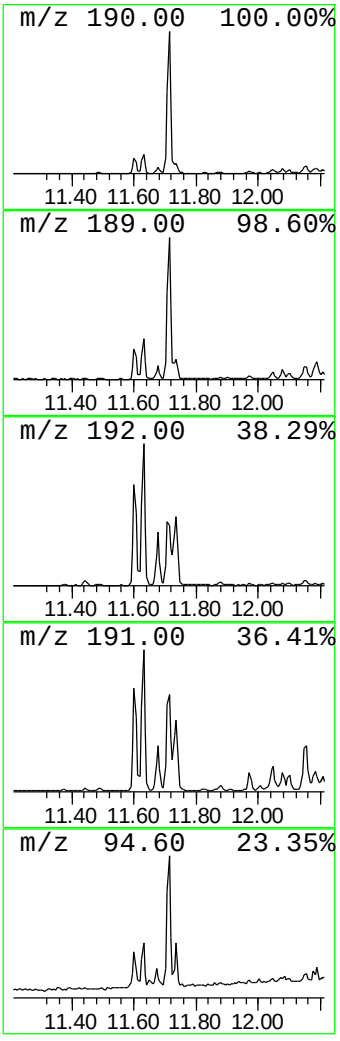
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	6.86 ng	688297	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

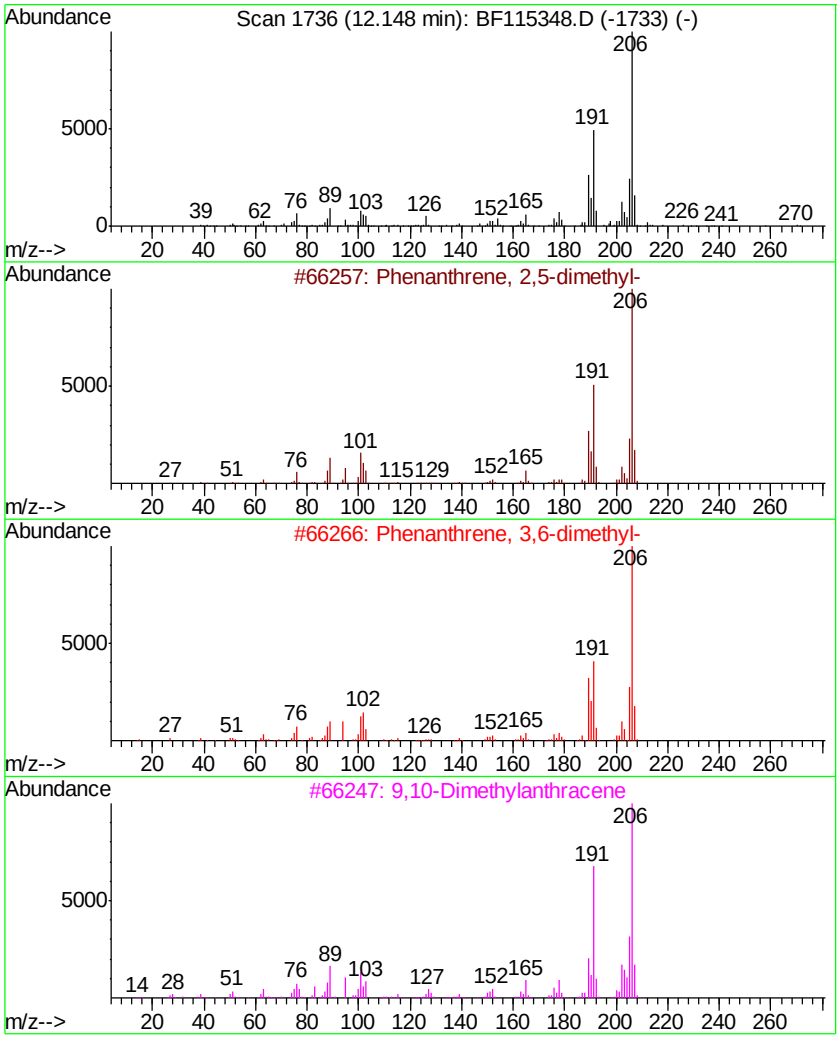
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

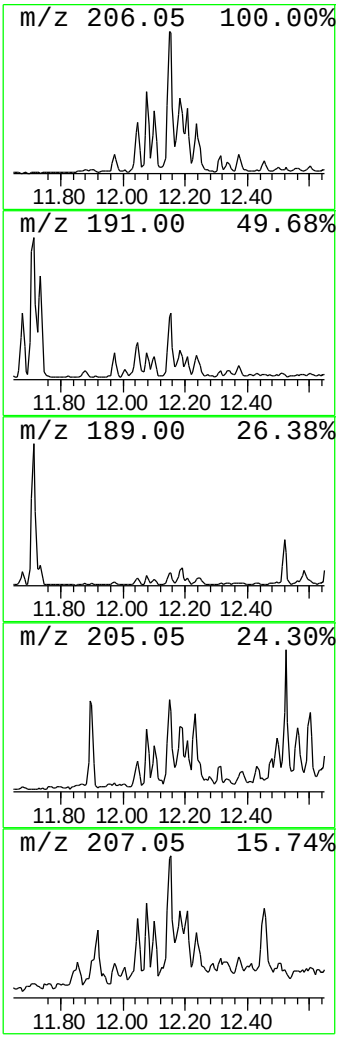
****

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.31 ng	231835	Phenanthrene-d10	11.10

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	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

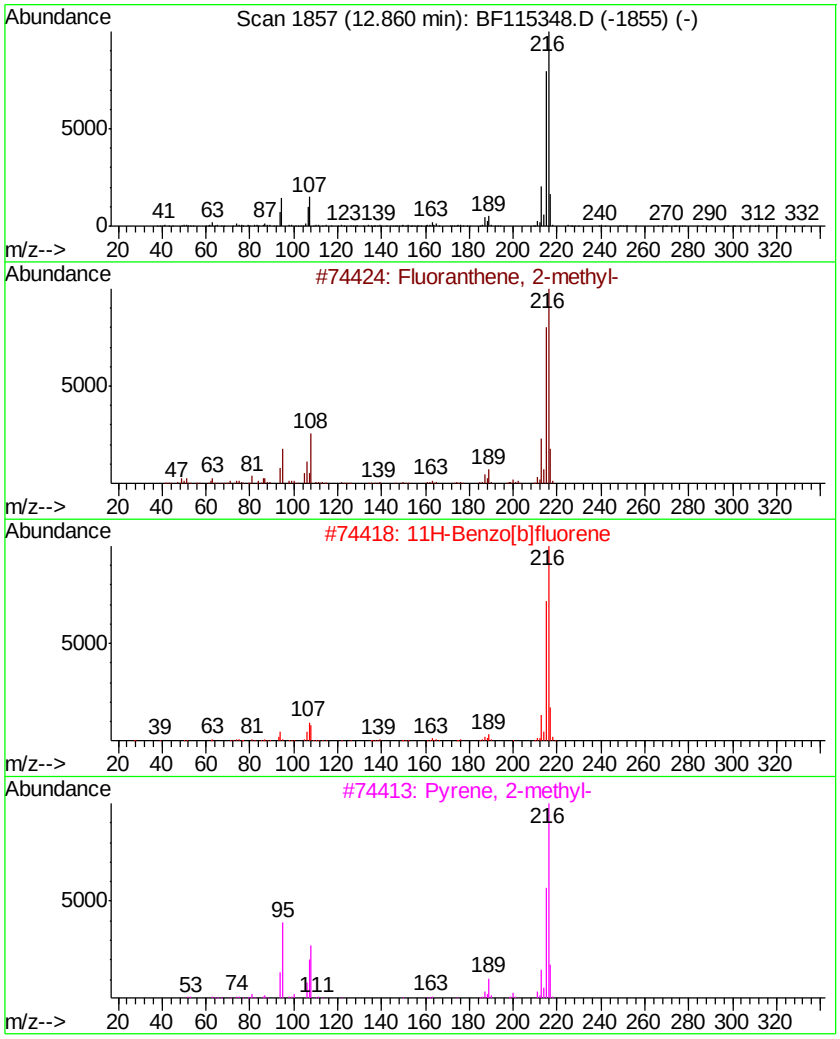
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

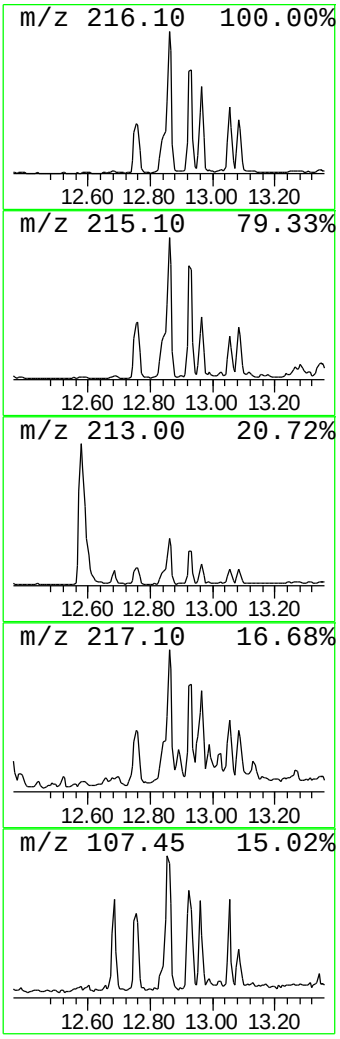
****

Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	2.74 ng	489592	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

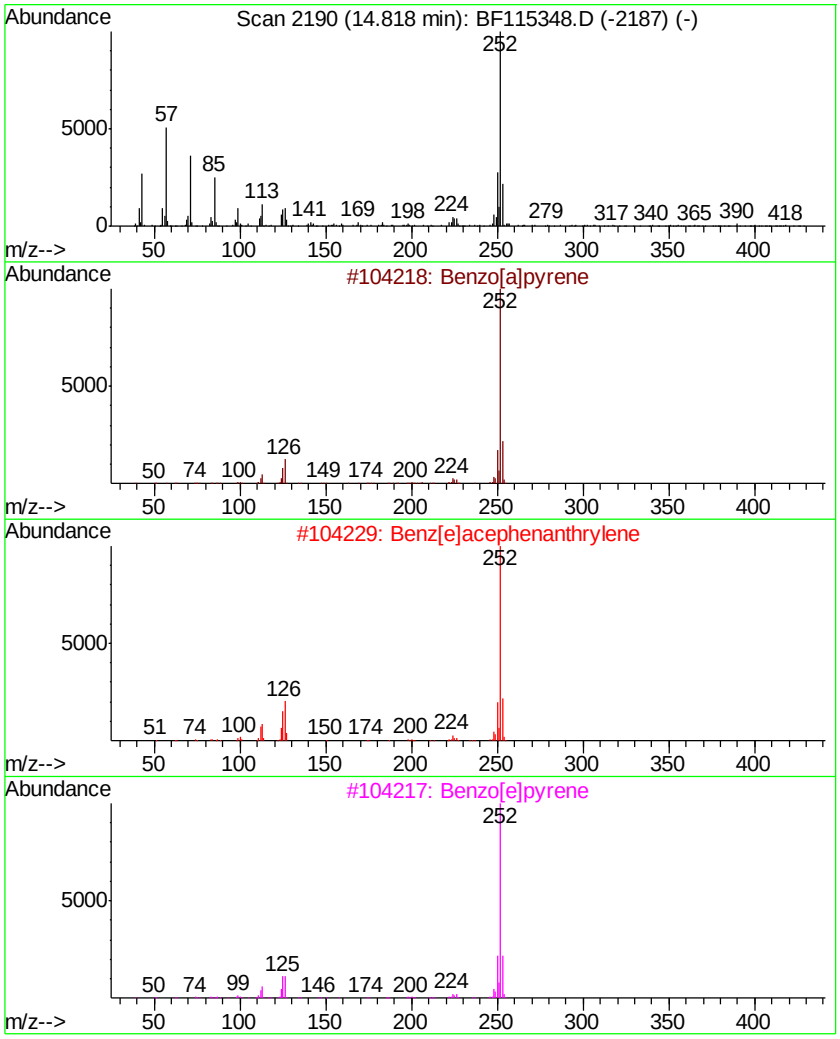
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

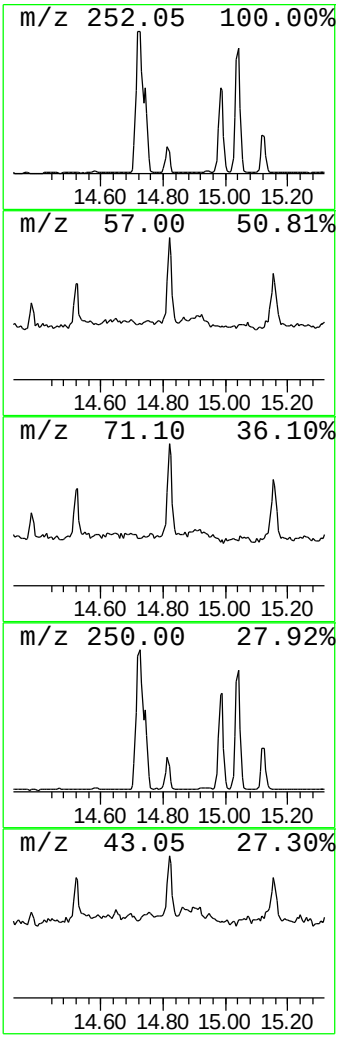
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	7.10 ng	406586	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	76
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
3	Benzo[e]pyrene	252	C20H12	000192-97-2	76
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	70
5	Perylene	252	C20H12	000198-55-0	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

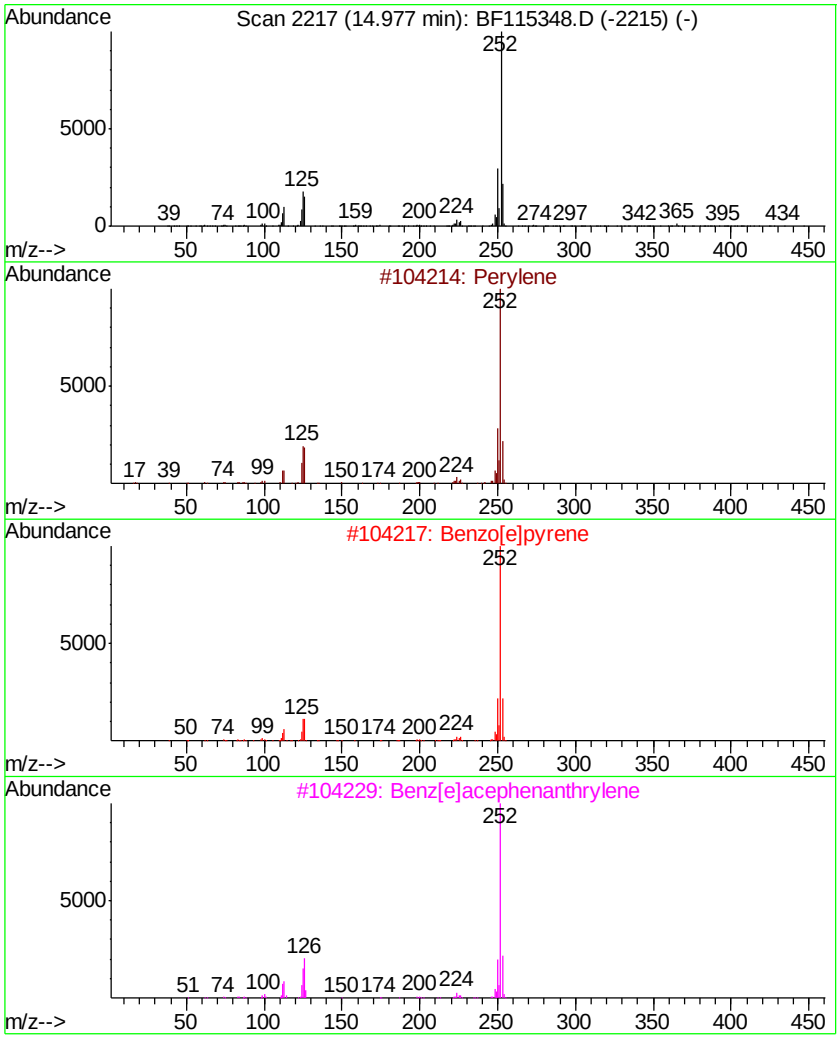
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

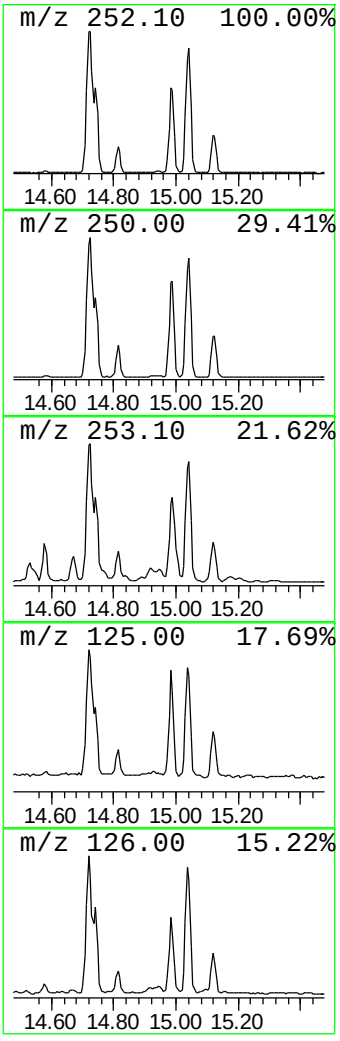
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	16.62 ng	952139	Perylene-d12	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070119\
Data File : BF115348.D
Acq On : 1 Jul 2019 19:41
Operator : HP/JU
Sample : K3576-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.37	6.37	22.9	ng	1542270	1	6.60	1348680	20.0
Fluorene-9-methanol	10.17	2.5	ng	258286	3	9.63	2039090	20.0
unknown10.56	10.56	2.4	ng	245353	4	11.10	2007870	20.0
Phenol, 4-(1,1,3,...	10.61	4.0	ng	401445	4	11.10	2007870	20.0
unknown10.64	10.64	5.0	ng	507440	4	11.10	2007870	20.0
Phenol, m-tert-bu...	10.68	4.2	ng	416592	4	11.10	2007870	20.0
2-Methyl-4-hydrox...	10.70	2.4	ng	241374	4	11.10	2007870	20.0
1,3-Benzenediol, ...	10.74	3.5	ng	354716	4	11.10	2007870	20.0
Acetamide, N-(3-m...	10.78	4.9	ng	489985	4	11.10	2007870	20.0
Pentanoic acid, 5...	10.82	4.0	ng	406169	4	11.10	2007870	20.0
1,3-Cyclopentadie...	10.87	2.6	ng	260863	4	11.10	2007870	20.0
Phenanthrene, 2-m...	11.60	3.2	ng	323622	4	11.10	2007870	20.0
Anthracene, 2-met...	11.63	4.2	ng	422785	4	11.10	2007870	20.0
n-Hexadecanoic acid	11.65	3.5	ng	354846	4	11.10	2007870	20.0
4H-Cyclopenta[def...	11.71	6.9	ng	688297	4	11.10	2007870	20.0
Phenanthrene, 2,5...	12.15	2.3	ng	231835	4	11.10	2007870	20.0
Fluoranthene, 2-m...	12.86	2.7	ng	489592	5	13.72	3576950	20.0
Benzo[e]pyrene	14.82	7.1	ng	406586	6	15.09	1145740	20.0
Benzo[j]fluoranthene	14.98	16.6	ng	952139	6	15.09	1145740	20.0