LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

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-BF061918.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	5.172	478	482	493	rBV	74570	81257	10.07%	0.644%
2	5.583	549	552	569	rBV	518562	539126	66.79%	4.272%
3	6.589	719	723	741	rBV	523538	525336	65.08%	4.162%
4	6.719	741	745	749	rBV	620599	529290	65.57%	4.194%
5	6.936	779	782	786	rBV	185434	165216	20.47%	1.309%
6	7.095	805	809	812	rBV	490234	408988	50.67%	3.241%
7	7.507	874	879	889	rBV	304630	311711	38.62%	2.470%
8	8.224	997	1001	1003	rBV	214911	192387	23.83%	1.524%
9	8.242	1003	1004	1011	rVB	61024	46258	5.73%	0.367%
10	8.936	1119	1122	1127	rBB	23448	19477	2.41%	0.154%
11	9.036	1136	1139	1142	rBB	15321	12552	1.55%	0.099%
12	9.295	1179	1183	1186	rBV	543055	452302	56.03%	3.584%
13	9.395	1197	1200	1204	rBV	44944	39513	4.90%	0.313%
14	9.636	1238	1241	1244	rBV	11734	11723	1.45%	0.093%
15	9.689	1247	1250	1256	rVB	95454	76387	9.46%	0.605%
16	9.848	1274	1277	1281	rBB	16656	14629	1.81%	0.116%
17	9.983	1297	1300	1303	rBV2	243006	199249	24.68%	1.579%
18	10.018	1303	1306	1309	rVB	42985	37632	4.66%	0.298%
19	10.189	1331	1335	1338	rBV	44178	38197	4.73%	0.303%
20	10.536	1390	1394	1398	rBB	79328	71695	8.88%	0.568%
21	10.689	1418	1420	1425	rVB	14975	11488	1.42%	0.091%
22	10.783	1432	1436	1441	rVB	379232	353106	43.74%	2.798%
23	11.083	1481	1487	1489	rBV	17417	17190	2.13%	0.136%
24	11.377	1534	1537	1541	rVB	29622	23361	2.89%	0.185%
25	11.412	1541	1543	1546	rVB	11853	10113	1.25%	0.080%
26	11.483	1551	1555	1557	rBV	263106	265604	32.90%	2.104%
27	11.507	1557	1559	1562	rVB	538709	402800	49.90%	3.192%
28	11.559	1564	1568	1571	rVB	127594	108572	13.45%	0.860%
29	11.718	1590	1595	1601	rVB	41149	46720	5.79%	0.370%
30	11.818	1609	1612	1616	rVB	45726	40109	4.97%	0.318%
31	11.983	1637	1640	1642	rBV	56199	47493	5.88%	0.376%
32	12.012	1642	1645	1649	rVV	79139	63791	7.90%	0.505%
33	12.059	1649	1653	1656	rVV	38102	33581	4.16%	0.266%
34	12.101	1656	1660	1666	rVV2	92434	147746	18.30%	1.171%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.148	1666	1668	1673	rVB2	7924	9111	1.13%	0.072%
36	12.212	1676	1679	1682	rVB2	58382	48418	6.00%	0.384%
37	12.277	1685	1690	1692	rVV	37190	35062	4.34%	0.278%
38	12.324	1694	1698	1700	rVV2	20661	19948	2.47%	0.158%
39	12.412	1710	1713	1715	rBV2	18004	18456	2.29%	0.146%
40	12.536	1730	1734	1737	rBV	56955	52724	6.53%	0.418%
41	12.577	1738	1741	1742	rVV3	12144	10597	1.31%	0.084%
42	12.636	1749	1751	1758	rVB3	13763	16220	2.01%	0.129%
43	12.706	1758	1763	1765	rBV	540012	520495	64.48%	4.124%
44	12.724	1765	1766	1770	rVB2	32289	25081	3.11%	0.199%
45	12.765	1770	1773	1775	rBV2	13467	14057	1.74%	0.111%
46	12.854	1784	1788	1790	rBV2	25973	25858	3.20%	0.205%
47	12.912	1795	1798	1799	rBV	119662	104801	12.98%	0.830%
48	12.936	1799	1802	1807	rVB	496511	458109	56.75%	3.630%
49	12.977	1807	1809	1814	rVB2	26883	29072	3.60%	0.230%
50	13.024	1814	1817	1819	rBV2	25771	25625	3.17%	0.203%
51	13.065	1819	1824	1827	rVB	562372	535081	66.29%	4.240%
52	13.101	1827	1830	1833	rVB	20543	21447	2.66%	0.170%
53	13.153	1833	1839	1842	rBV2	33484	57866	7.17%	0.458%
54	13.201	1843	1847	1850	rBV3	26776	26227	3.25%	0.208%
55	13.259	1850	1857	1861	rBV2	141794	205348	25.44%	1.627%
56	13.330	1863	1869	1871	rBV	81550	90227	11.18%	0.715%
57	13.365	1871	1875	1877	rVV2	39789	52284	6.48%	0.414%
58	13.389	1877	1879	1882	rVB2	40699	35689	4.42%	0.283%
59	13.418	1882	1884	1888	rBV2	9963	12116	1.50%	0.096%
60	13.459	1888	1891	1894	rBV	27137	27916	3.46%	0.221%
61	13.489	1894	1896	1899	rBV2	26807	25556	3.17%	0.202%
62	13.553	1905	1907	1909	rBV3	11935	13106	1.62%	0.104%
63	13.606	1913	1916	1919	rBV2	55355	56439	6.99%	0.447%
64	13.659	1923	1925	1927	rBV2	13574	13851	1.72%	0.110%
65	13.683	1927	1929	1932	rBV	14044	11175	1.38%	0.089%
66	13.736	1934	1938	1941	rBV	878855	807204	100.00%	6.396%
67	13.883	1961	1963	1965	rBV	25722	20482	2.54%	0.162%
68	13.912	1965	1968	1970	rVV	37509	30361	3.76%	0.241%
69	13.936	1970	1972	1979	rVV2	338317	411776	51.01%	3.263%
70	13.995	1979	1982	1984	rVB2	129850	111166	13.77%	0.881%
71	14.065	1991	1994	1999	rVB4	76718	85119	10.54%	0.674%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.136	2002	2006	2009	rVV2	356861	513572	63.62%	4.069%
73	14.165	2009	2011	2015	rVB	203249	168465	20.87%	1.335%
74	14.389	2045	2049	2056	rVB3	241674	243367	30.15%	1.928%
75	14.489	2064	2066	2067	rBV2	22425	18128	2.25%	0.144%
76	14.530	2071	2073	2076	rVV	43494	42264	5.24%	0.335%
77	14.583	2076	2082	2088	rVV4	157312	346510	42.93%	2.746%
78	14.630	2088	2090	2093	rVB2	64422	64945	8.05%	0.515%
79	14.883	2131	2133	2137	rVB	48337	47708	5.91%	0.378%
80	15.042	2158	2160	2165	rVB2	37376	47090	5.83%	0.373%
81	15.230	2187	2192	2198	rBV2	161470	328033	40.64%	2.599%
82	15.277	2198	2200	2206	rVV3	57413	81509	10.10%	0.646%
83	15.330	2206	2209	2215	rVB2	49918	70260	8.70%	0.557%
84	15.547	2243	2246	2253	rVB	76676	102129	12.65%	0.809%
85	15.618	2254	2258	2264	rBV	117095	179770	22.27%	1.424%
86	15.683	2265	2269	2273	rBV	133813	172103	21.32%	1.364%
87	16.371	2383	2386	2396	rVB3	65531	124515	15.43%	0.987%
88	17.271	2536	2539	2546	rVB	57973	111008	13.75%	0.880%
89	17.536	2578	2584	2593	rVB2	147379	295573	36.62%	2.342%
90	17.906	2642	2647	2657	rVB10	55455	127542	15.80%	1.011%
91	18.400	2727	2731	2744	rVB7	46325	127757	15.83%	1.012%

Sum of corrected areas: 12620917

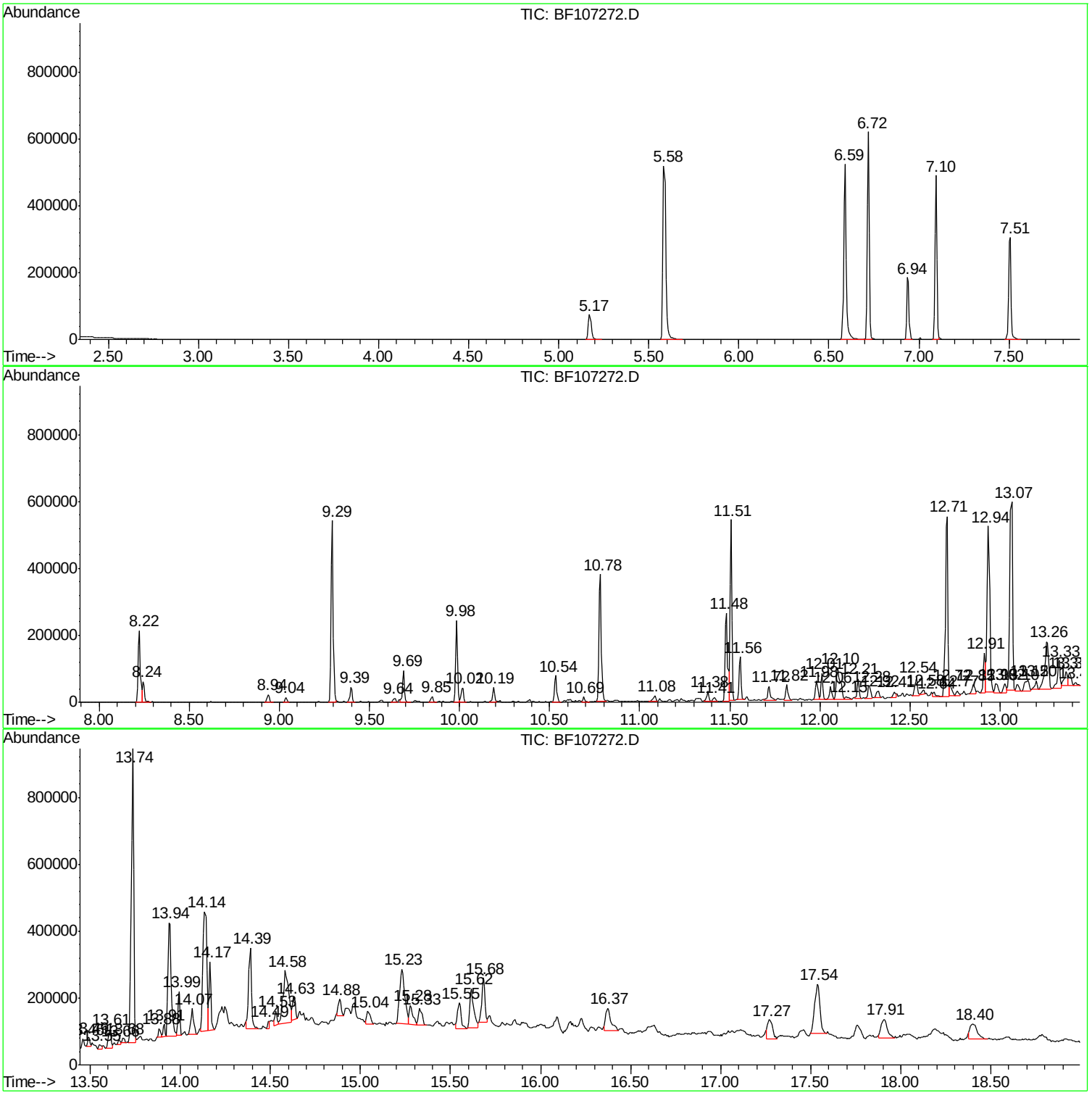
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

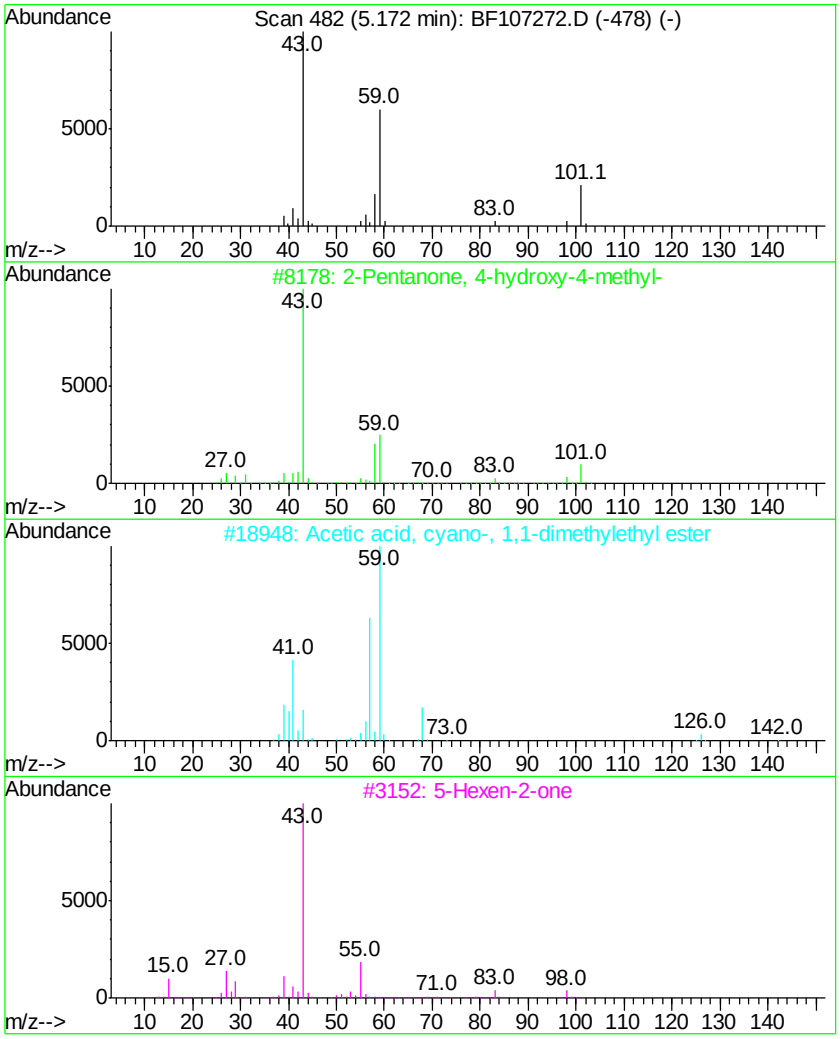
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

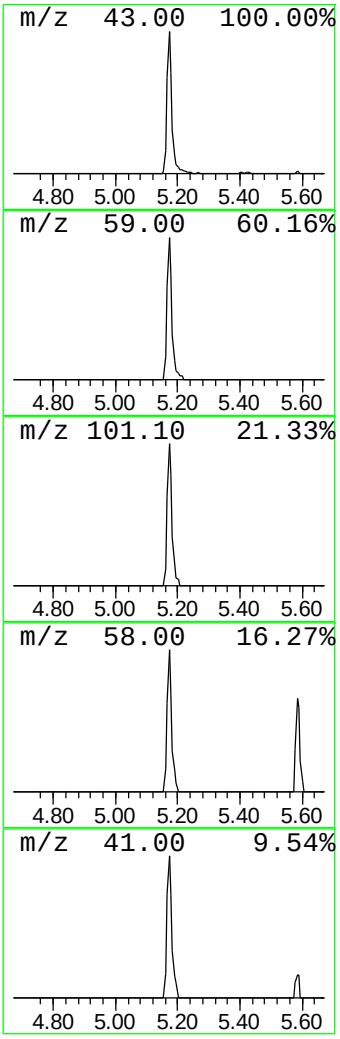
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	9.84 ng	81257	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

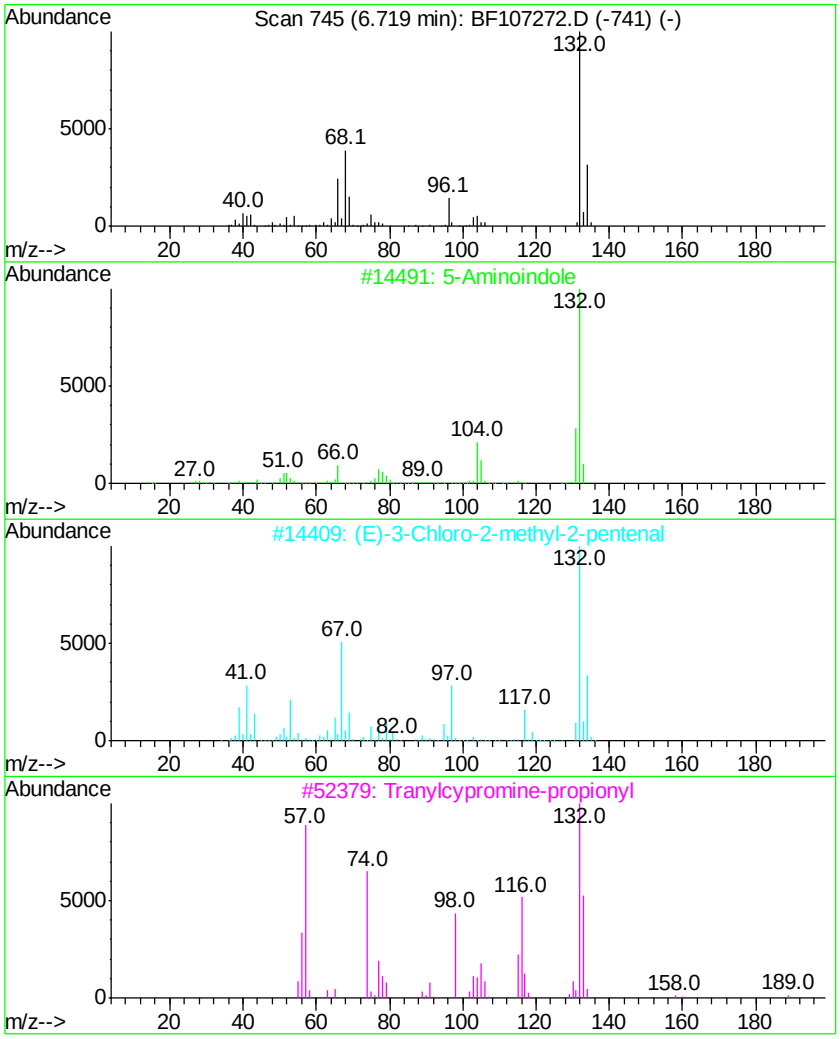
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

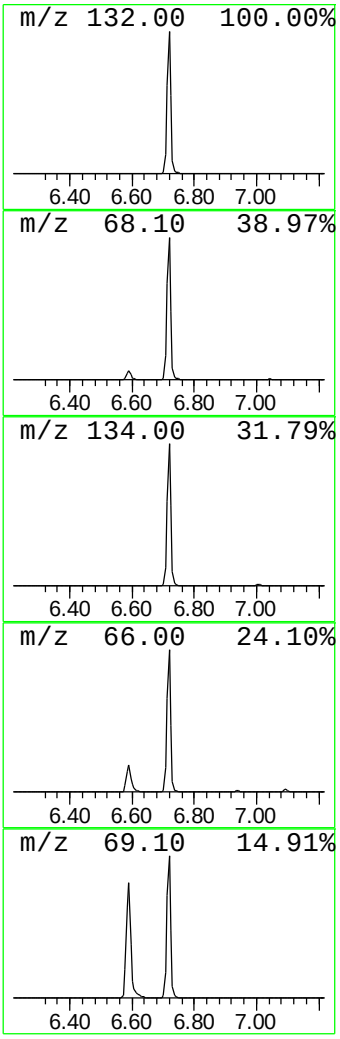
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	64.07 ng	529290	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

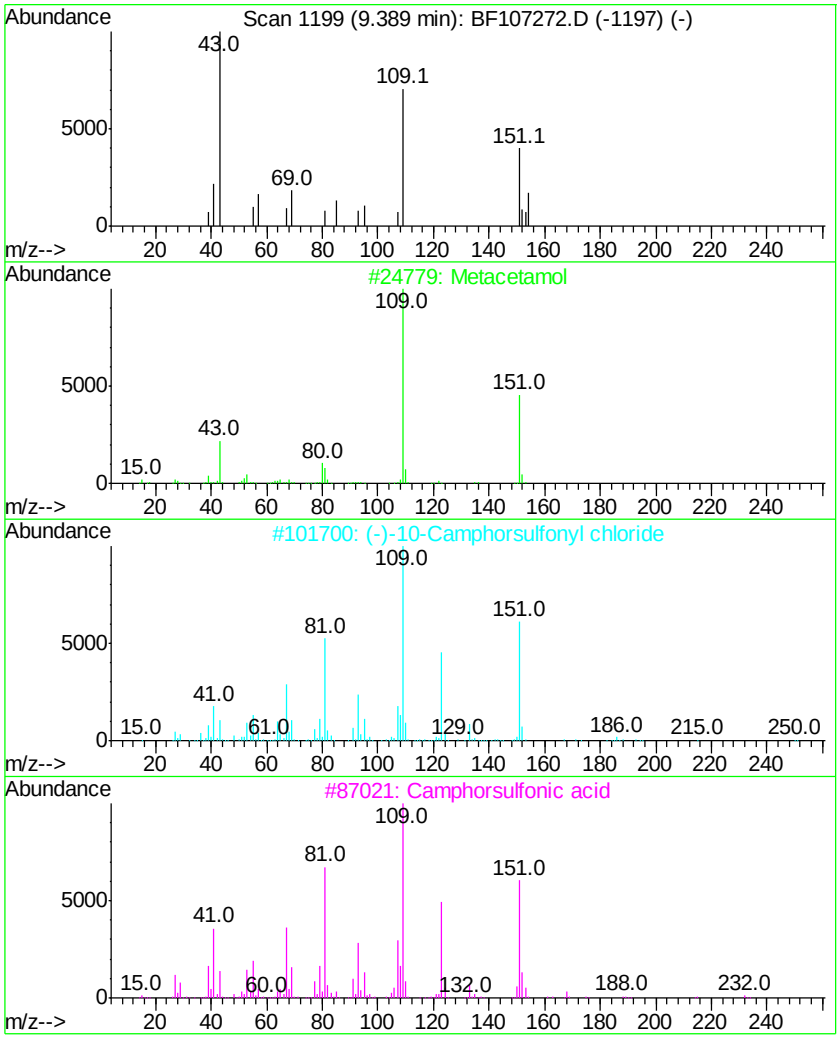
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

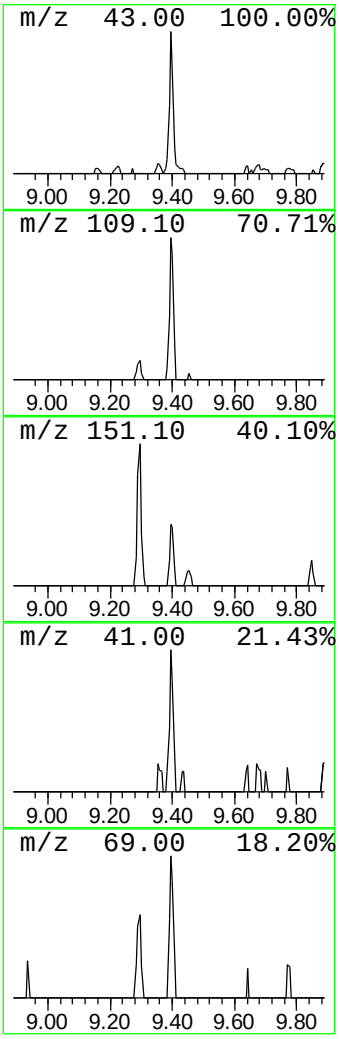
****

Peak Number 4 unknown9.39 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	3.97 ng	39513	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metacetamol	151	C8H9NO2	000621-42-1	38
2	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	33
3	Camphorsulfonic acid	232	C10H16O4S	003144-16-9	33
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	32
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

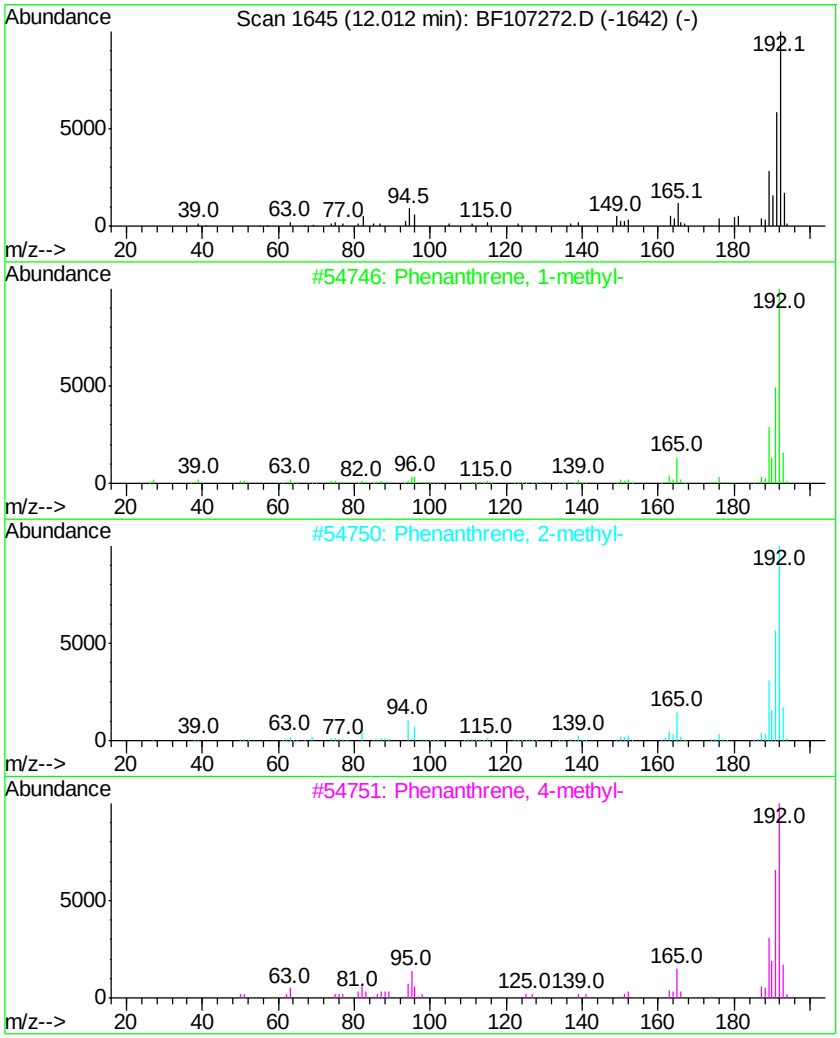
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

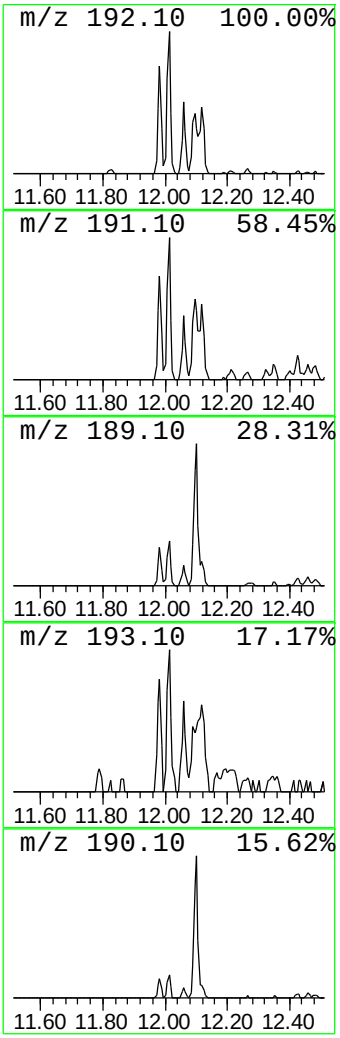
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.80 ng	63791	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

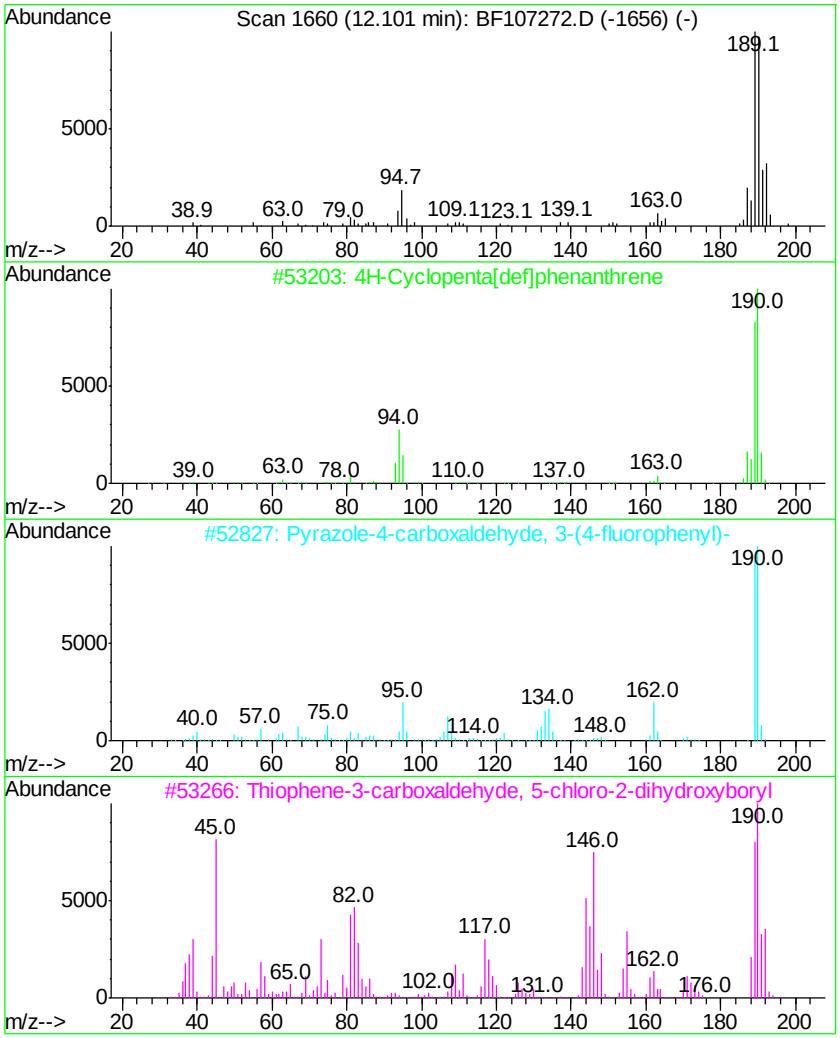
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

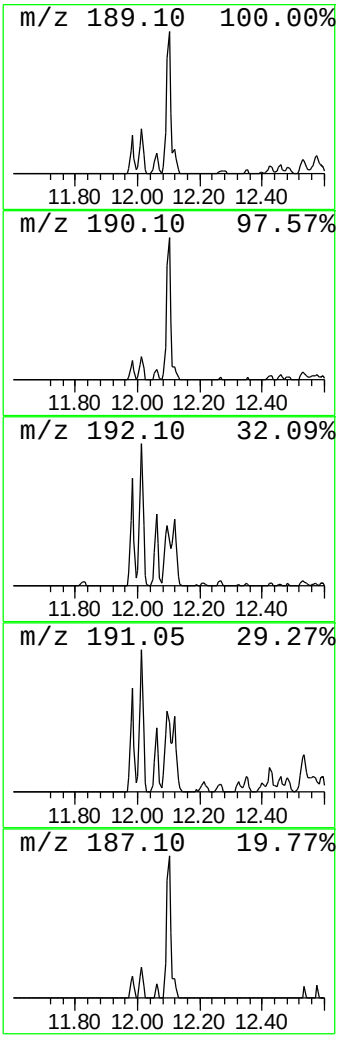
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	11.13 ng	147746	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

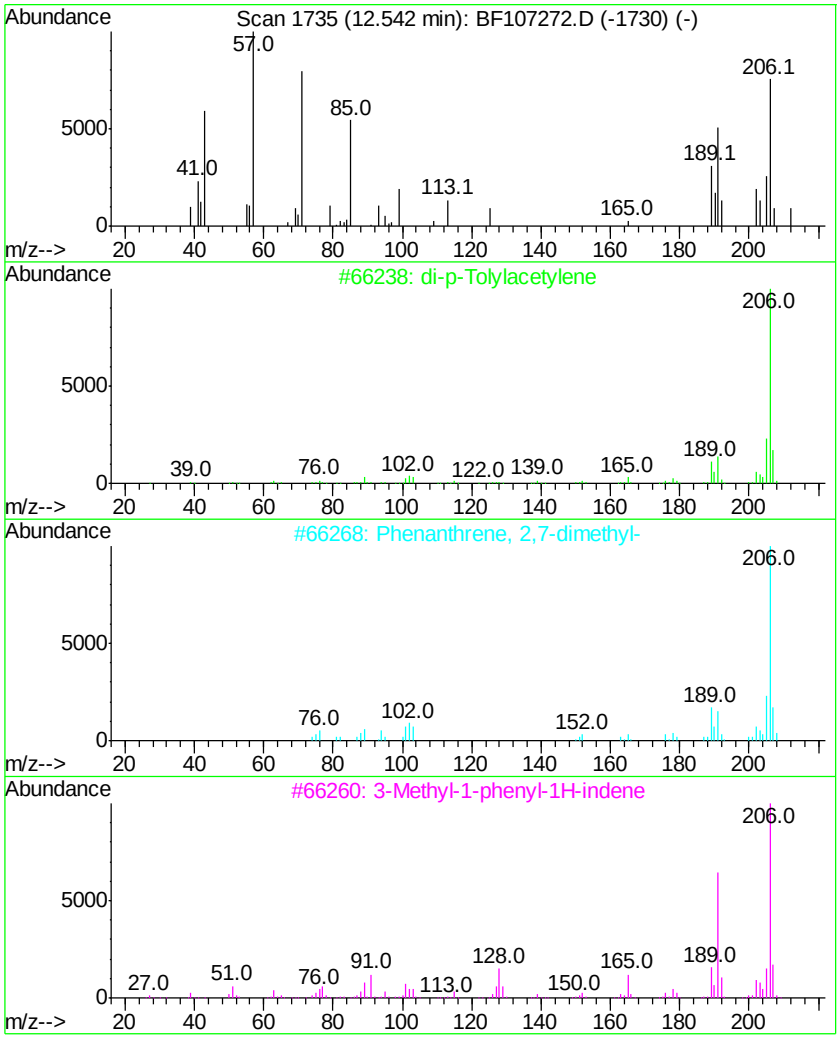
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

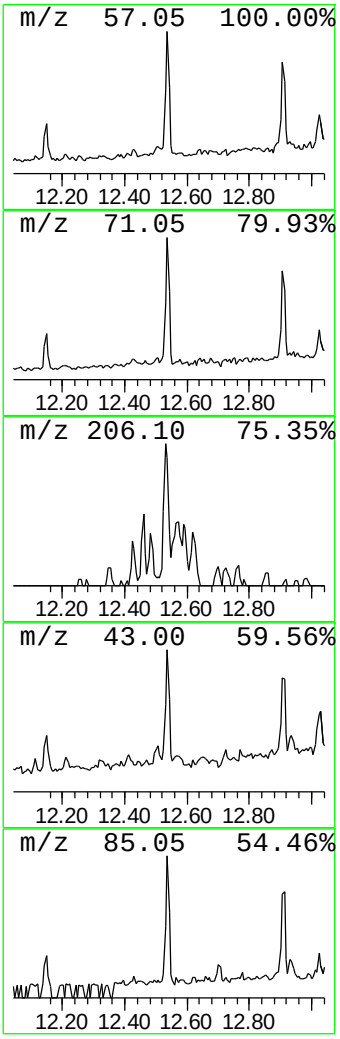
****

Peak Number 7 di-p-Tolylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	3.97 ng	52724	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	62
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	60
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

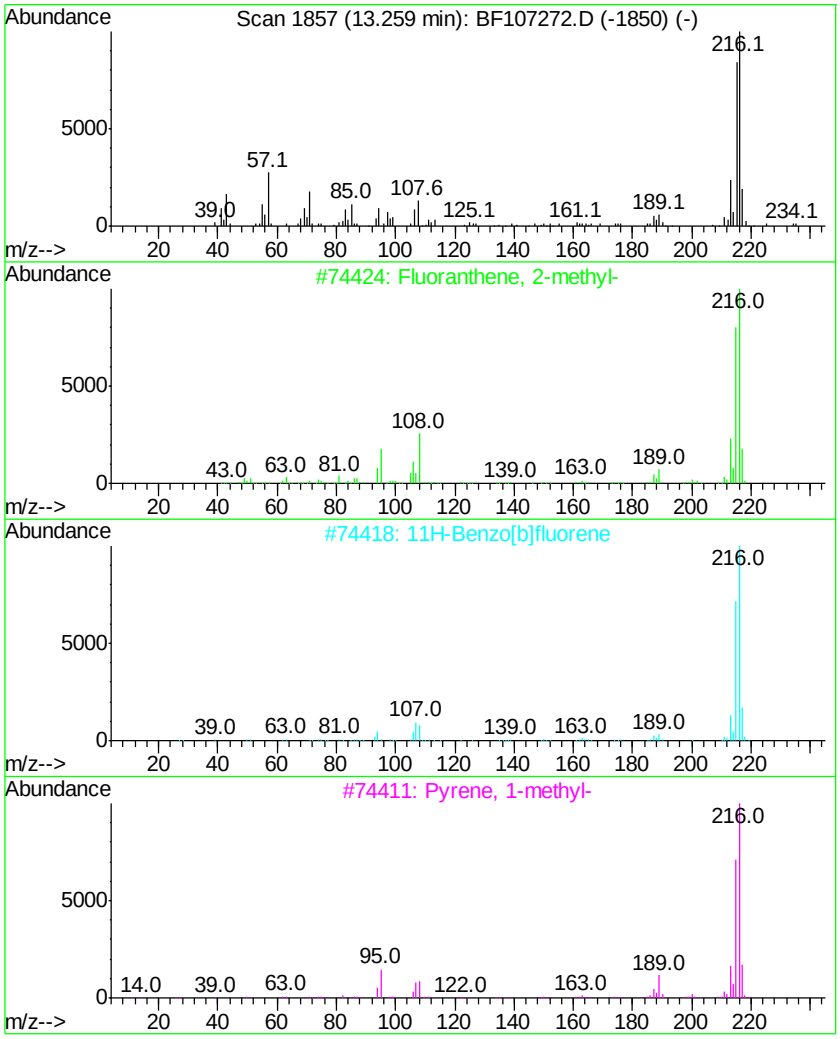
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

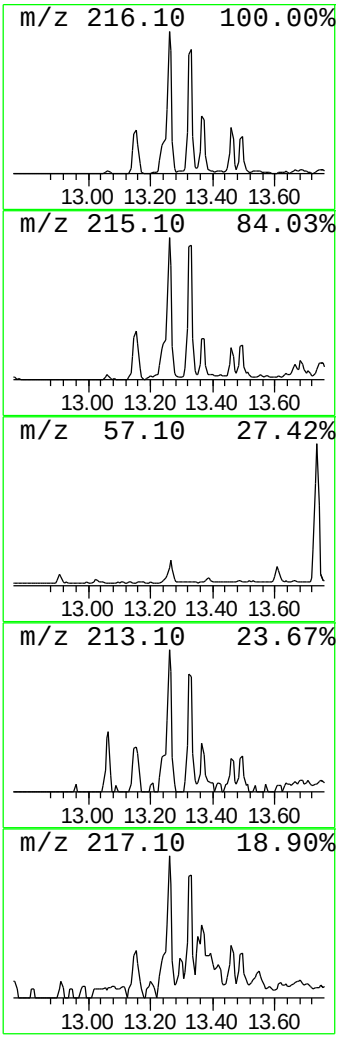
****

Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	8.00 ng	205348	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

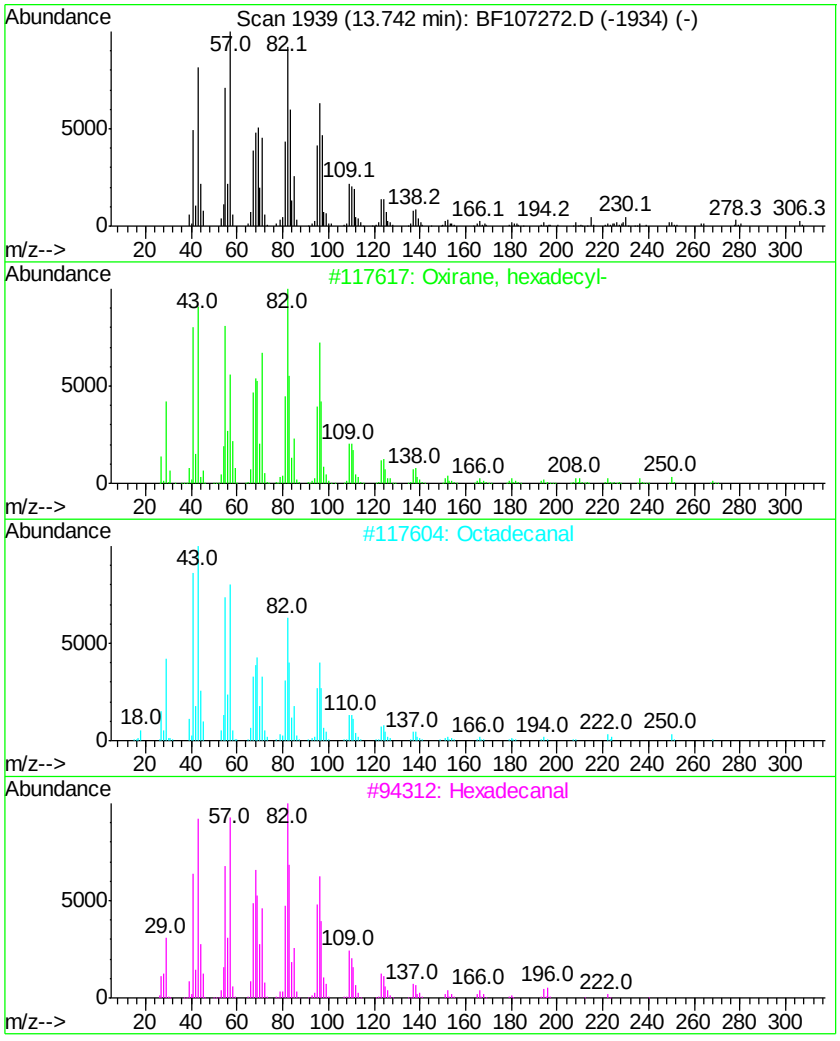
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

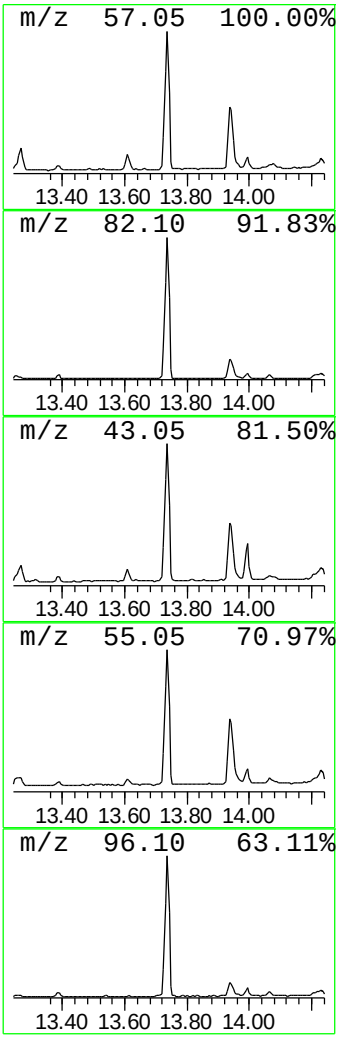
****

Peak Number 9 Oxirane, hexadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	31.43 ng	807204	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Hexadecanal	240	C16H32O	000629-80-1	91
4	16-Heptadecenal	252	C17H32O	1000144-57-9	91
5	Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

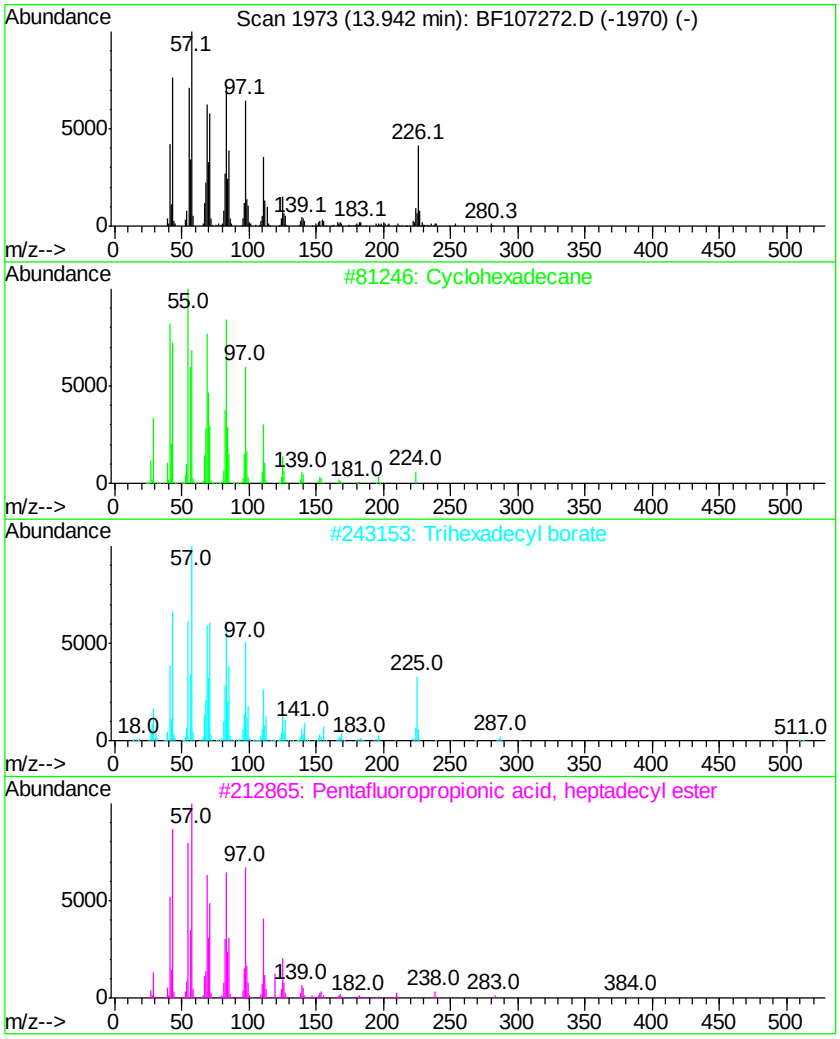
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

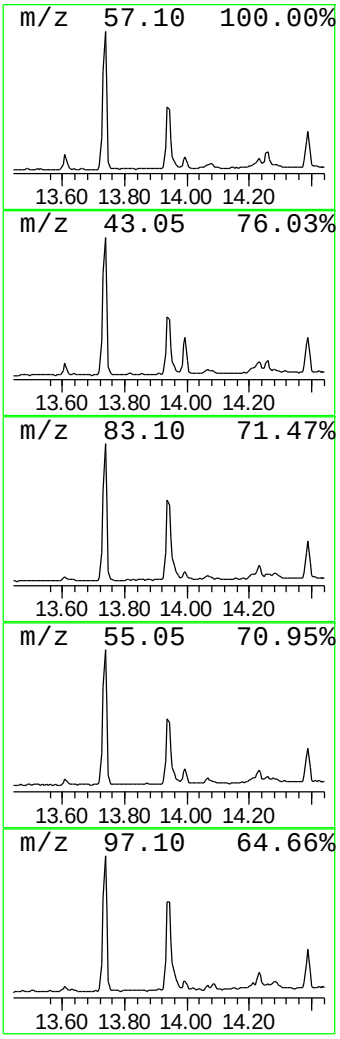
****

Peak Number 10 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	16.04 ng	411776	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Trihexadecyl borate	735	C48H99BO3	002665-11-4	90
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

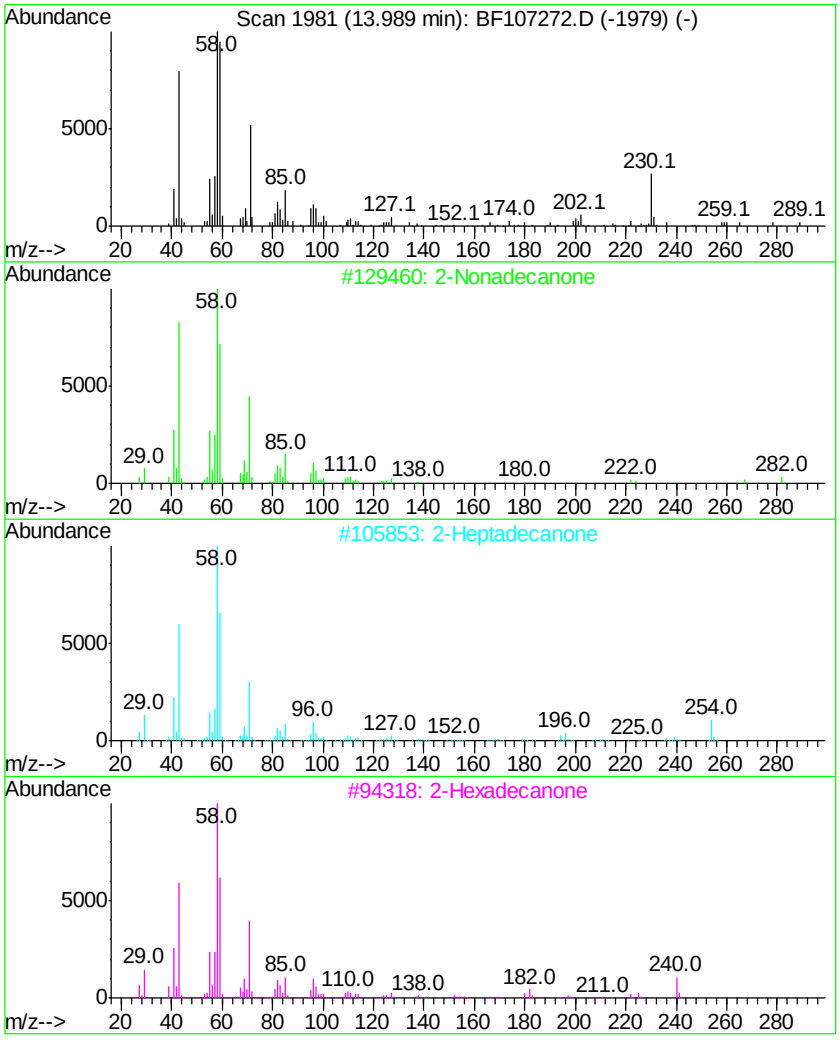
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

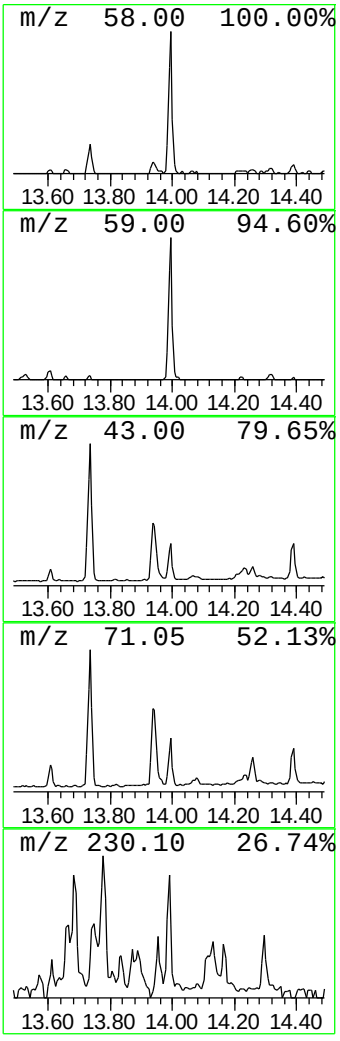
****

Peak Number 11 2-Nonadecanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	4.33 ng	111166	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone	282	C19H38O	000629-66-3	64
2	2-Heptadecanone	254	C17H34O	002922-51-2	64
3	2-Hexadecanone	240	C16H32O	018787-63-8	59
4	2-Pentadecanone	226	C15H30O	002345-28-0	59
5	2-Tetradecanone	212	C14H28O	002345-27-9	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

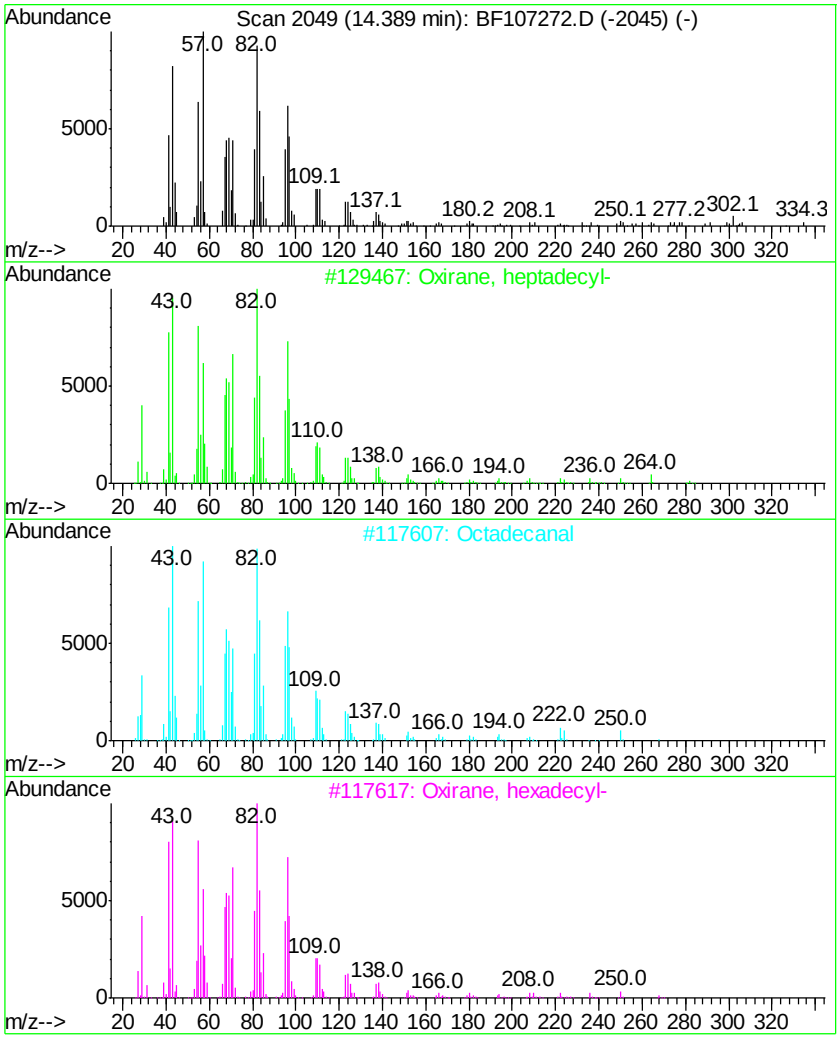
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

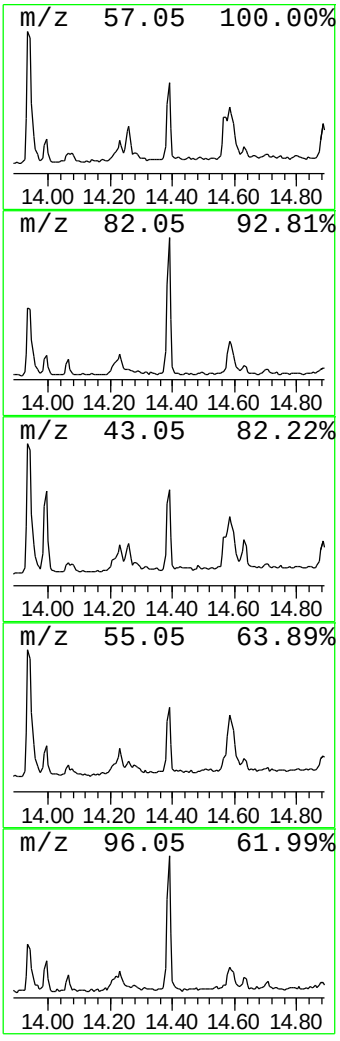
****

Peak Number 12 Oxirane, heptadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	9.48 ng	243367	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Hexadecanal	240	C16H32O	000629-80-1	90
5	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

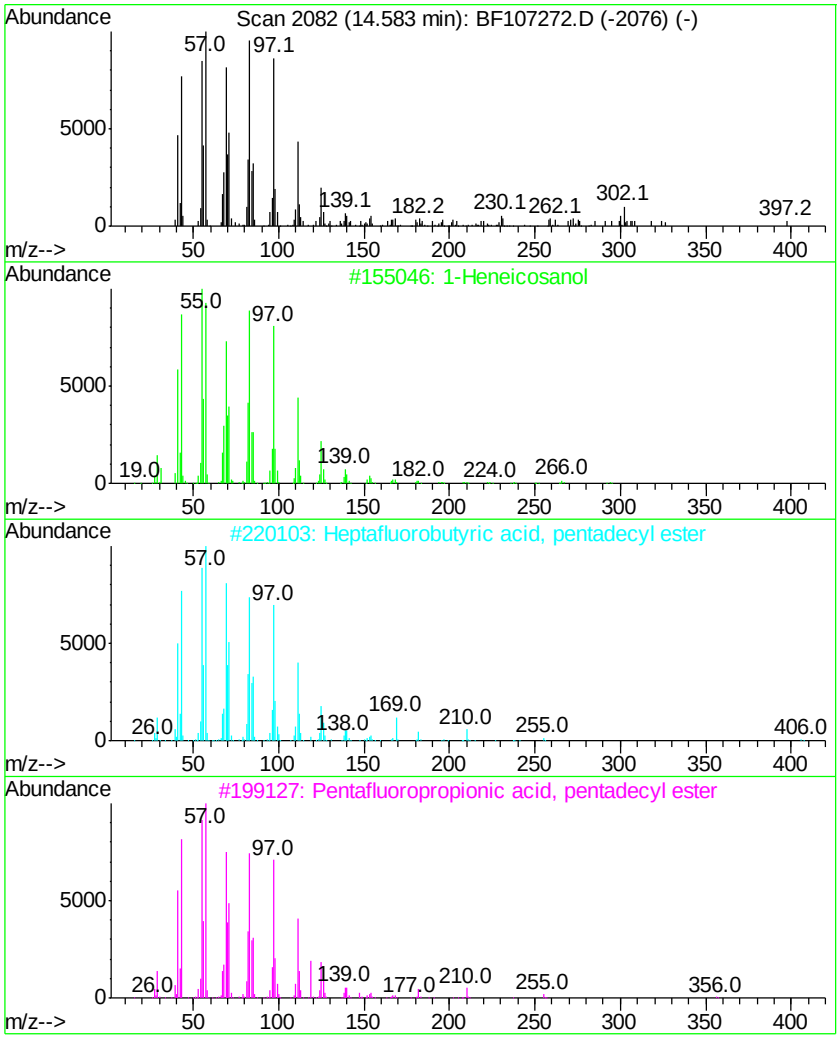
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

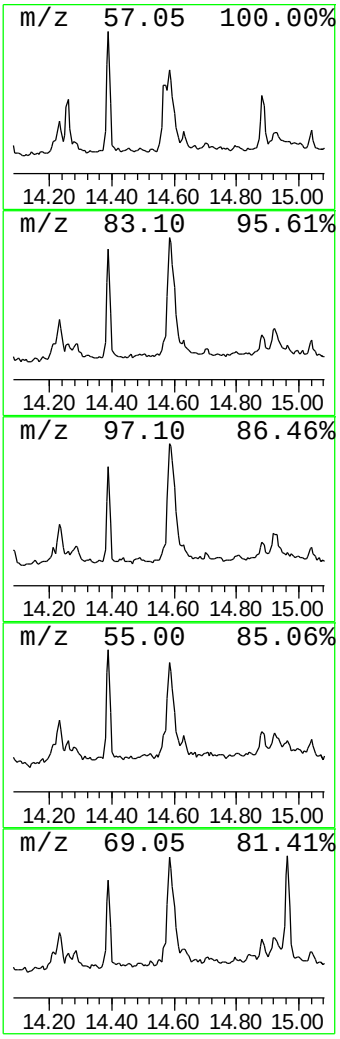
****

Peak Number 13 1-Heneicosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	13.49 ng	346510	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

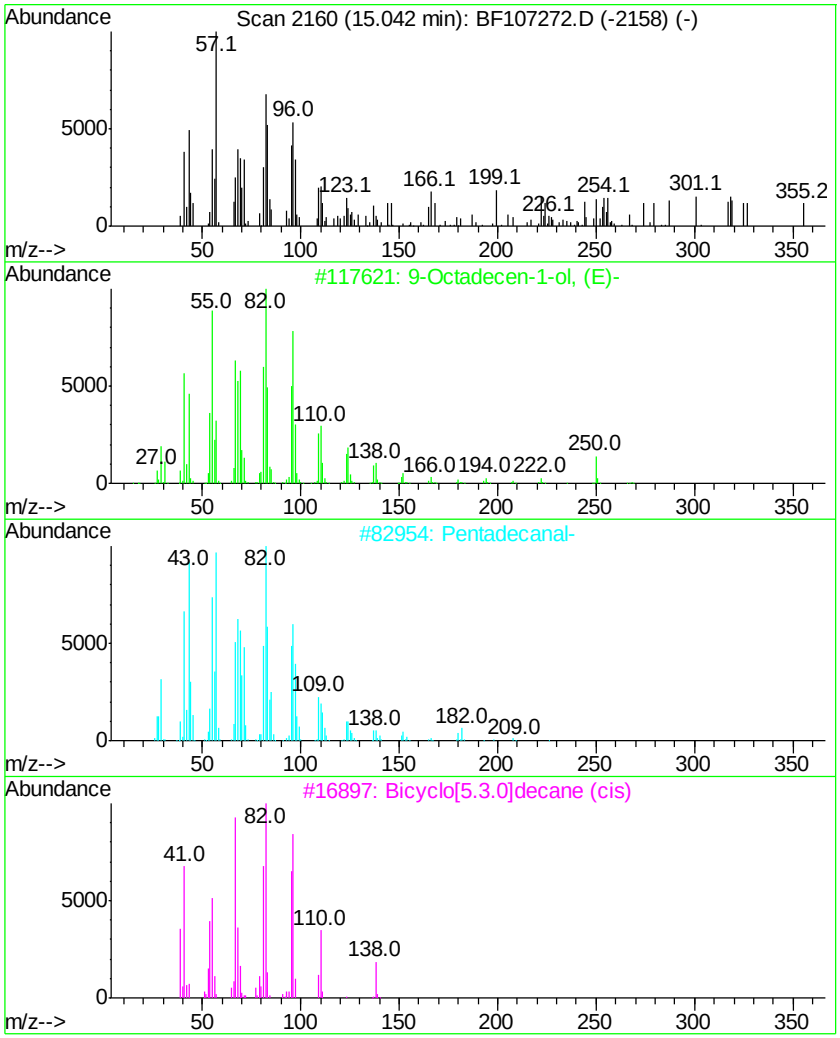
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

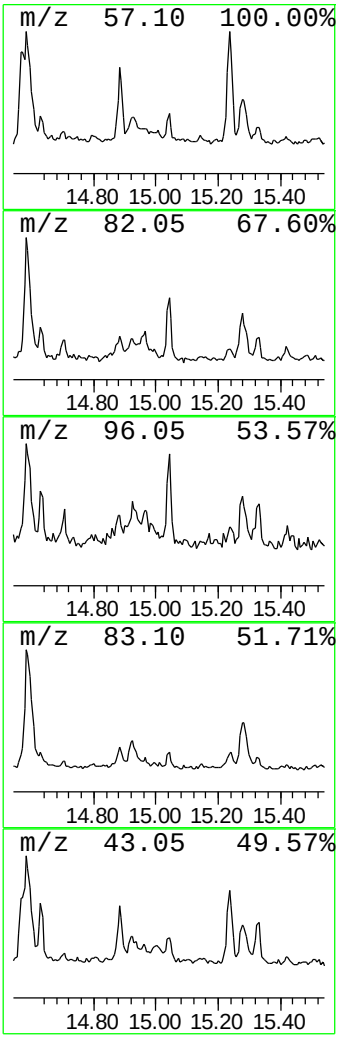
****

Peak Number 14 unknown15.04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	5.47 ng	47090	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecen-1-ol, (E)-	268	C18H36O	000506-42-3	45
2	Pentadecanal-	226	C15H30O	002765-11-9	43
3	Bicyclo[5.3.0]decane (cis)	138	C10H18	016189-46-1	43
4	1-Silacyclohexa-2,5-diene	96	C5H8Si	081200-77-3	38
5	3-Cyclopentene-1-acetaldehyde, 2...	124	C7H8O2	051905-39-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

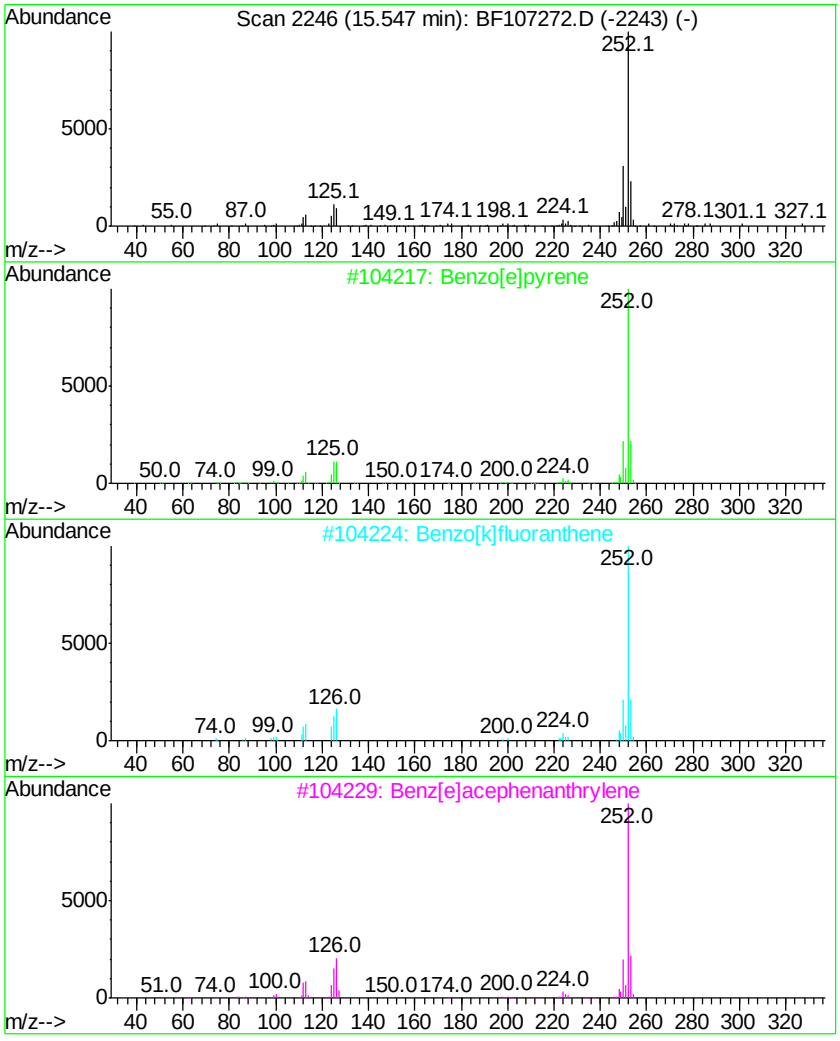
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

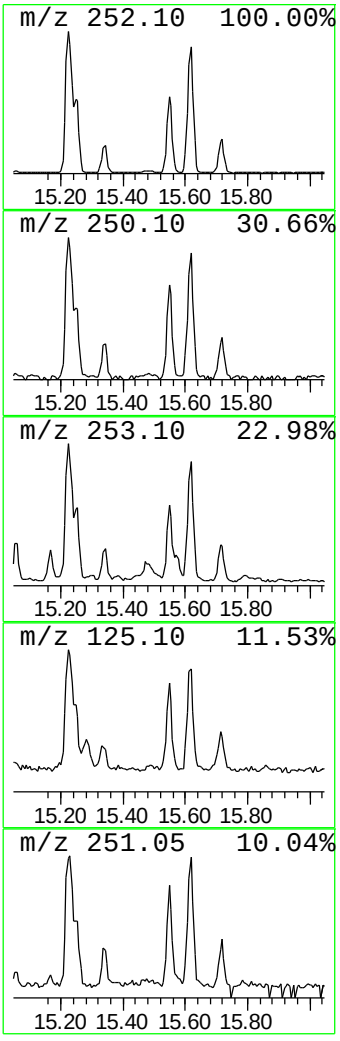
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	11.87 ng	102129	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

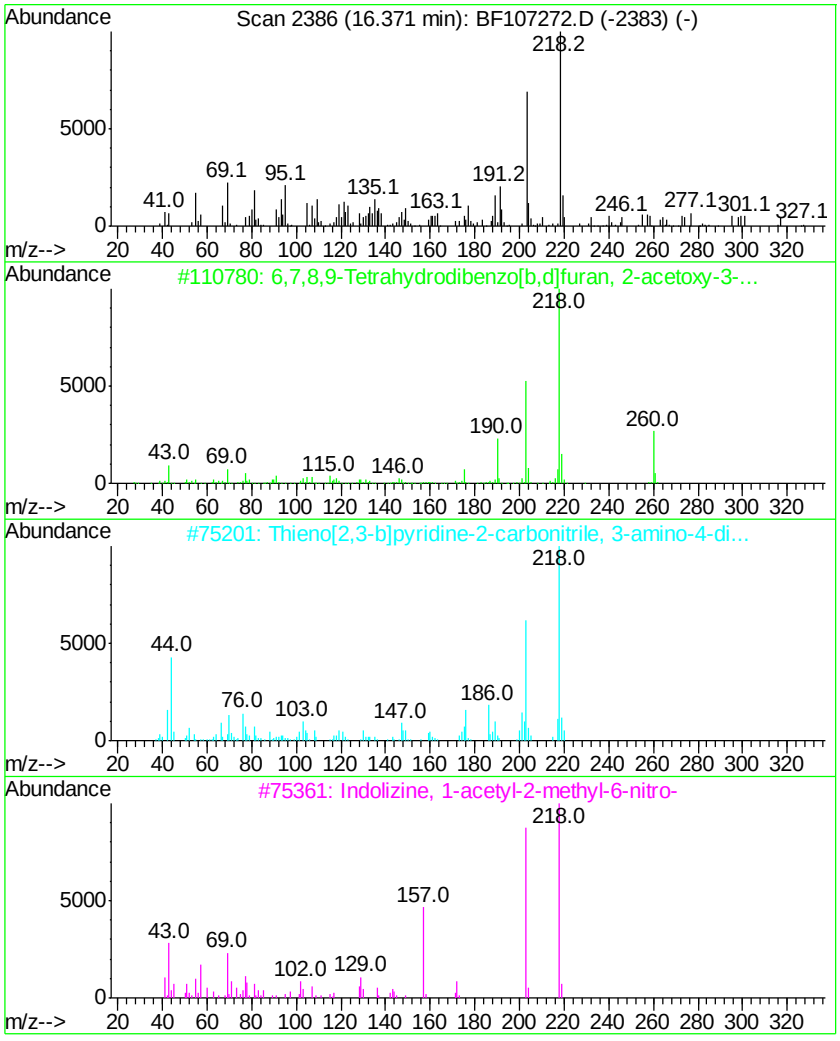
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

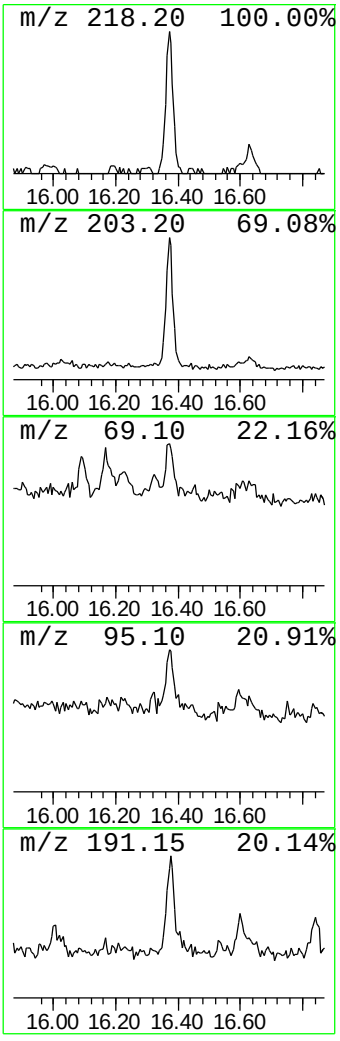
****

Peak Number 17 6,7,8,9-Tetrahydrodibenzo[b... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	14.47 ng	124515	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7,8,9-Tetrahydrodibenzo[b,d]fu...	260	C15H16O4	1000196-34-3	50
2	Thieno[2,3-b]pyridine-2-carbonit...	218	C10H10N4S	147992-88-9	49
3	Indolizine, 1-acetyl-2-methyl-6-...	218	C11H10N2O3	1000071-33-1	49
4	Ethanone, 1,1'-(6-hydroxy-2,5-be...	218	C12H10O4	053947-86-7	49
5	8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

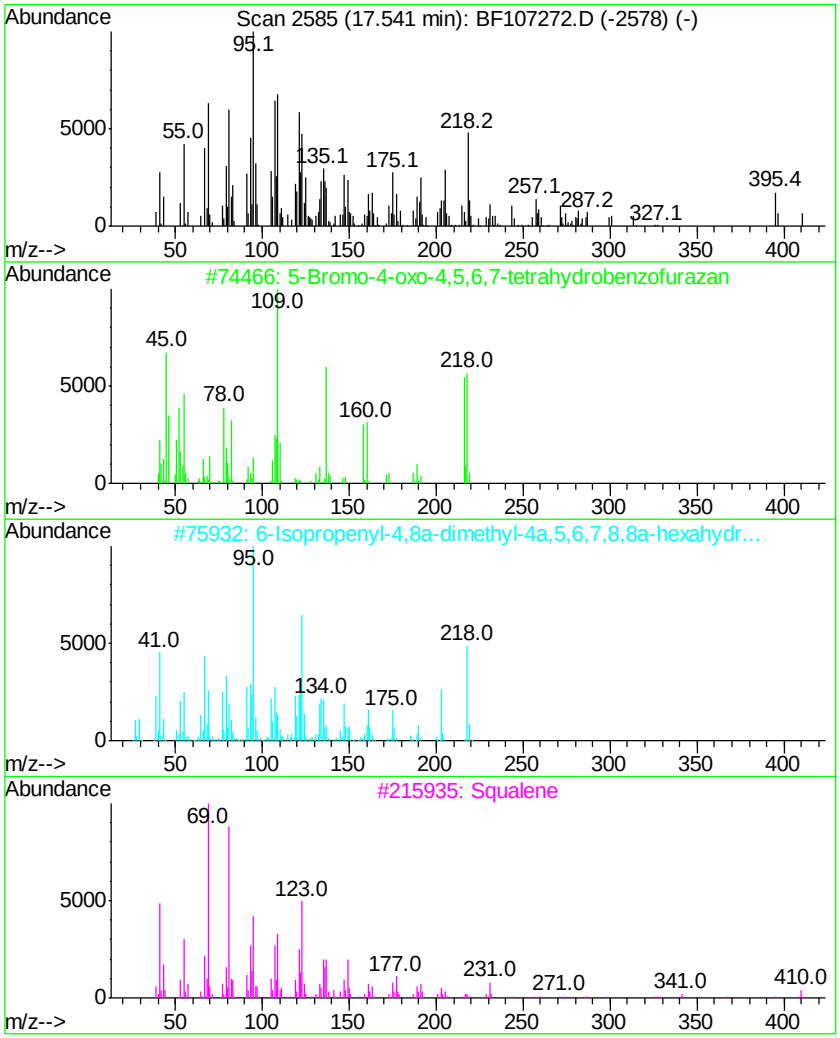
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

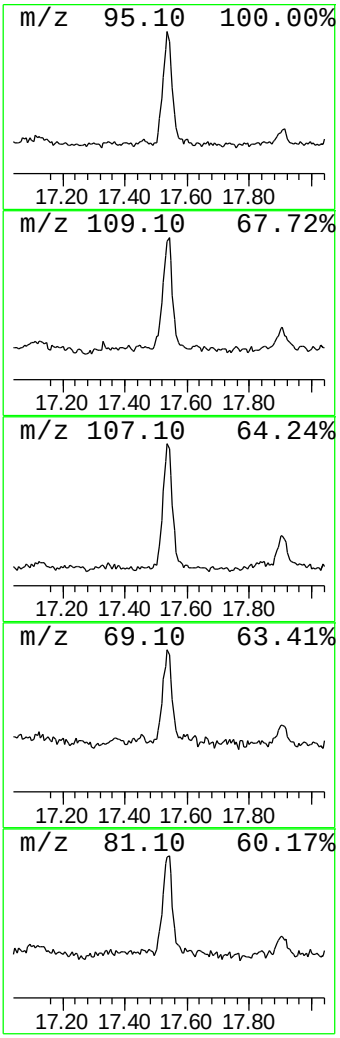
****

Peak Number 18 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	34.35 ng	295573	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	80
2	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	78
3	Squalene	410	C30H50	000111-02-4	45
4	Sesquirosefuran	218	C15H22O	039007-93-7	43
5	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

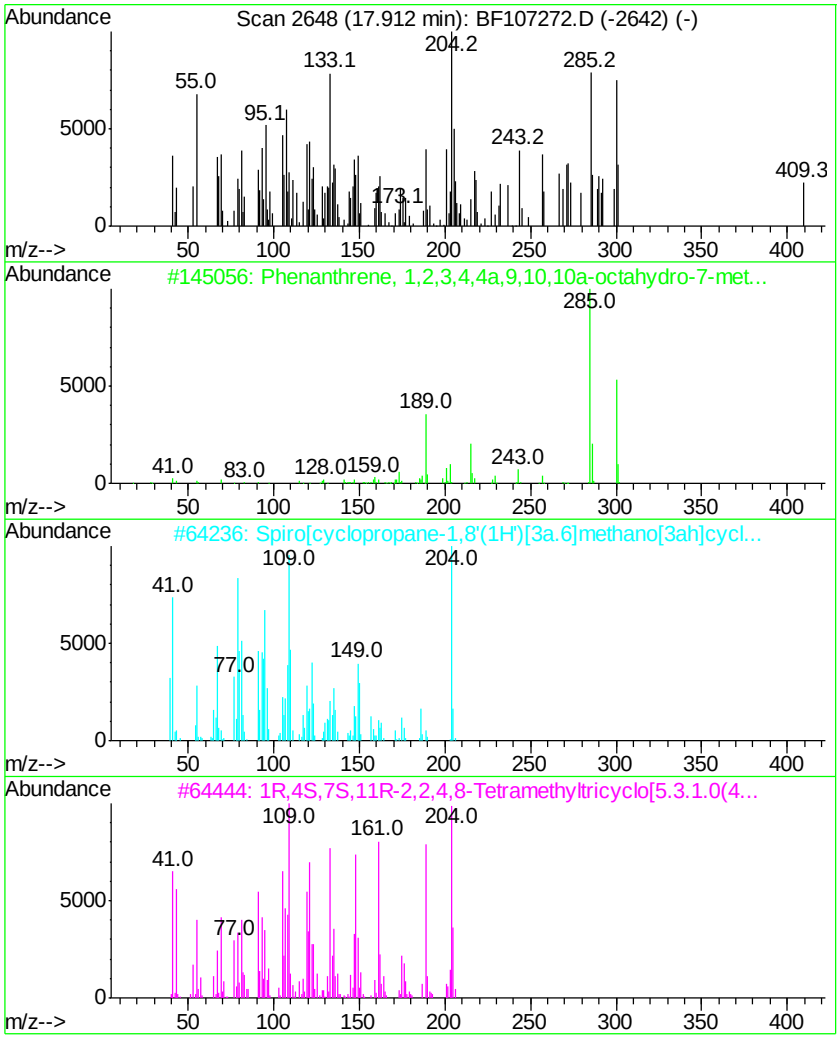
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

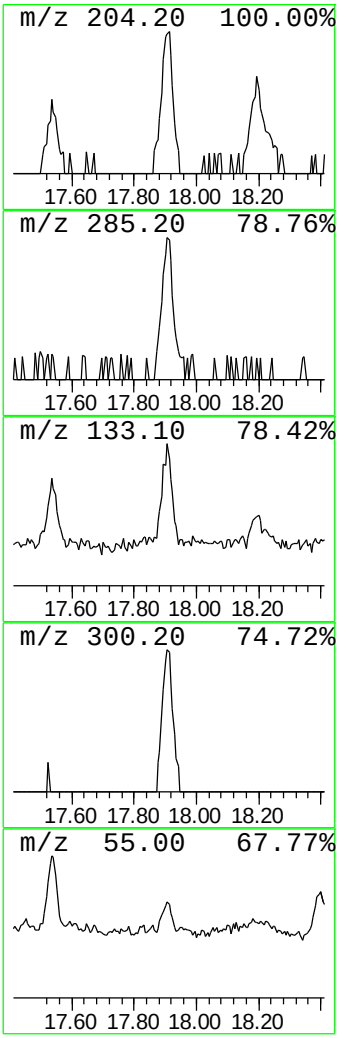
****

Peak Number 19 unknown17.91 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	14.82 ng	127542	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	27
2	Spiro[cyclopropane-1,8'(1H')[3a....	204	C14H20O	452049-62-6	25
3	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	25
4	D-Homopregn-17a(20)-ene, (5.alph...	300	C22H36	054482-44-9	25
5	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

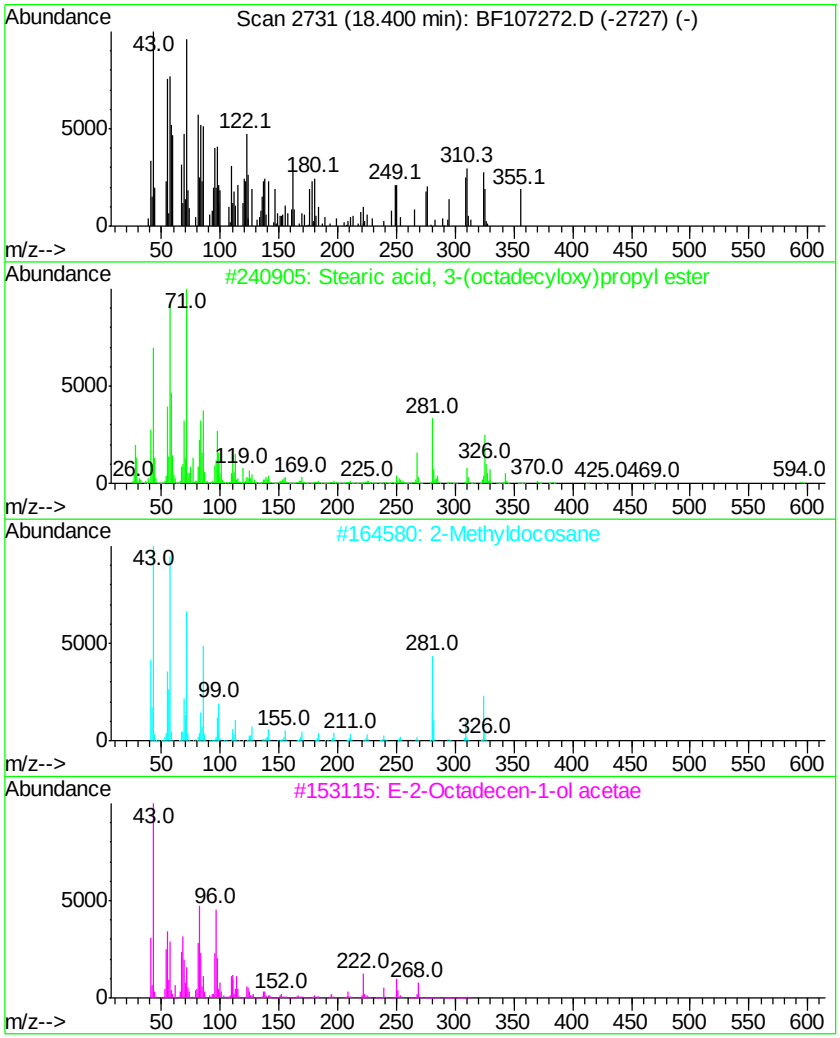
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

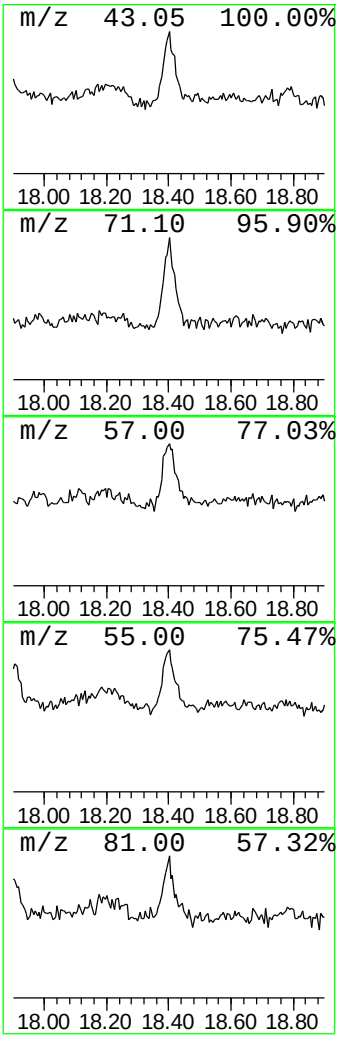
****

Peak Number 20 unknown18.40 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	14.85 ng	127757	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stearic acid, 3-(octadecyloxy)pr...	595	C39H78O3	017367-40-7	22
2	2-Methyldocosane	324	C23H48	001560-81-2	18
3	E-2-Octadecen-1-ol acetae	310	C20H38O2	1000130-94-3	12
4	Docosane	310	C22H46	000629-97-0	11
5	2-Pentadecanone, 6,10,14-trimethyl-	268	C18H36O	000502-69-2	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	9.8	ng	81257	1	6.94	165216	20.0
unknown6.72	6.72	64.1	ng	529290	1	6.94	165216	20.0
unknown9.39	9.39	4.0	ng	39513	3	9.98	199249	20.0
Phenanthrene, 1-m...	12.01	4.8	ng	63791	4	11.48	265604	20.0
4H-Cyclopenta[def...	12.10	11.1	ng	147746	4	11.48	265604	20.0
di-p-Tolylacetylene	12.54	4.0	ng	52724	4	11.48	265604	20.0
Fluoranthene, 2-m...	13.26	8.0	ng	205348	5	14.14	513572	20.0
Oxirane, hexadecyl-	13.74	31.4	ng	807204	5	14.14	513572	20.0
Cyclohexadecane	13.94	16.0	ng	411776	5	14.14	513572	20.0
2-Nonadecanone	13.99	4.3	ng	111166	5	14.14	513572	20.0
Oxirane, heptadecyl-	14.39	9.5	ng	243367	5	14.14	513572	20.0
1-Heneicosanol	14.58	13.5	ng	346510	5	14.14	513572	20.0
unknown15.04	15.04	5.5	ng	47090	6	15.68	172103	20.0
Benzo[e]pyrene	15.55	11.9	ng	102129	6	15.68	172103	20.0
6,7,8,9-Tetrahydr...	16.37	14.5	ng	124515	6	15.68	172103	20.0
5-Bromo-4-oxo-4,5...	17.54	34.4	ng	295573	6	15.68	172103	20.0
unknown17.91	17.91	14.8	ng	127542	6	15.68	172103	20.0
unknown18.40	18.40	14.9	ng	127757	6	15.68	172103	20.0