LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

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-BF080818.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	5.248	491	495	504	rBV	100152	123866	3.66%	0.331%
2	5.631	555	560	563	rBV	2830485	2681569	79.18%	7.160%
3	6.625	724	729	732	rBV	2947070	2898247	85.58%	7.738%
4	6.772	749	754	757	rBV	3214145	2881133	85.07%	7.692%
5	7.001	789	793	796	rBV	854755	758356	22.39%	2.025%
6	7.154	815	819	823	rBV	2509237	2219030	65.52%	5.925%
7	7.560	883	888	891	rBV	1914091	1886465	55.70%	5.037%
8	8.284	1007	1011	1014	rBV	1084735	940864	27.78%	2.512%
9	9.354	1189	1193	1197	rBV	3810666	3386641	100.00%	9.042%
10	9.695	1247	1251	1254	rBV	38212	38504	1.14%	0.103%
11	9.748	1257	1260	1265	rVB	618482	541535	15.99%	1.446%
12	9.901	1283	1286	1291	rVB	75123	70922	2.09%	0.189%
13	10.042	1307	1310	1314	rBV2	1242399	1053270	31.10%	2.812%
14	10.078	1314	1316	1319	rVB	52452	41970	1.24%	0.112%
15	10.248	1340	1345	1348	rVB2	45835	52830	1.56%	0.141%
16	10.448	1372	1379	1385	rBV4	47439	64463	1.90%	0.172%
17	10.589	1400	1403	1408	rVB2	70500	80068	2.36%	0.214%
18	10.748	1424	1430	1433	rVB	63100	62165	1.84%	0.166%
19	10.836	1441	1445	1451	rBV	2170475	2037928	60.18%	5.441%
20	11.142	1490	1497	1500	rBV2	49020	62139	1.83%	0.166%
21	11.266	1513	1518	1520	rBV3	50410	55262	1.63%	0.148%
22	11.289	1520	1522	1527	rVV2	47701	56399	1.67%	0.151%
23	11.342	1528	1531	1534	rVV	48075	45526	1.34%	0.122%
24	11.378	1534	1537	1544	rVV2	68775	97966	2.89%	0.262%
25	11.436	1544	1547	1551	rVB	71543	63331	1.87%	0.169%
26	11.536	1560	1564	1566	rBV	1029898	984309	29.06%	2.628%
27	11.566	1566	1569	1572	rVV	1002564	918408	27.12%	2.452%
28	11.613	1574	1577	1581	rVV	238471	198512	5.86%	0.530%
29	11.772	1599	1604	1607	rBV3	48688	74703	2.21%	0.199%
30	12.042	1646	1650	1652	rBV	206956	183821	5.43%	0.491%
31	12.066	1652	1654	1658	rVB	187015	179322	5.29%	0.479%
32	12.119	1659	1663	1665	rVV	78679	66974	1.98%	0.179%
33	12.154	1665	1669	1671	rVV2	181302	204810	6.05%	0.547%
34	12.177	1671	1673	1677	rVB	109267	93852	2.77%	0.251%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.336	1696	1700	1702	rBV	120689	102217	3.02%	0.273%
36	12.366	1702	1705	1710	rVB	95386	85456	2.52%	0.228%
37	12.483	1722	1725	1728	rBV4	38165	36937	1.09%	0.099%
38	12.589	1739	1743	1747	rBV2	75178	104473	3.08%	0.279%
39	12.683	1755	1759	1764	rVB2	87649	95393	2.82%	0.255%
40	12.760	1768	1772	1775	rBV	1397289	1167882	34.48%	3.118%
41	12.854	1785	1788	1791	rBV	106041	96418	2.85%	0.257%
42	12.883	1791	1793	1796	rVV2	42256	55680	1.64%	0.149%
43	12.913	1796	1798	1804	rVV2	59576	85049	2.51%	0.227%
44	12.972	1804	1808	1809	rVV2	184361	210347	6.21%	0.562%
45	12.989	1809	1811	1816	rVV	1057483	987379	29.16%	2.636%
46	13.036	1816	1819	1823	rVB3	73655	78166	2.31%	0.209%
47	13.124	1828	1834	1837	rBV	2857808	2506154	74.00%	6.691%
48	13.201	1843	1847	1852	rBV2	81469	148751	4.39%	0.397%
49	13.295	1859	1863	1864	rBV3	71745	87232	2.58%	0.233%
50	13.313	1864	1866	1871	rVB3	95355	110990	3.28%	0.296%
51	13.424	1880	1885	1888	rBV2	103131	137238	4.05%	0.366%
52	13.513	1898	1900	1903	rBV	45135	44769	1.32%	0.120%
53	13.548	1903	1906	1909	rBV2	59606	59722	1.76%	0.159%
54	13.824	1950	1953	1960	rVB	125215	127357	3.76%	0.340%
55	13.936	1969	1972	1975	rBV2	88455	102703	3.03%	0.274%
56	13.966	1975	1977	1980	rVV	95596	83804	2.47%	0.224%
57	14.001	1980	1983	1986	rVV2	91470	127755	3.77%	0.341%
58	14.036	1986	1989	1997	rVB2	204575	315943	9.33%	0.844%
59	14.189	2010	2015	2018	rBV2	1020070	1327882	39.21%	3.545%
60	14.218	2018	2020	2027	rVB	558507	478027	14.12%	1.276%
61	14.577	2079	2081	2084	rVB	82029	66774	1.97%	0.178%
62	14.624	2085	2089	2094	rBV3	96421	131911	3.90%	0.352%
63	14.948	2141	2144	2149	rVB3	122083	161511	4.77%	0.431%
64	15.036	2156	2159	2163	rVB	104022	117866	3.48%	0.315%
65	15.283	2196	2201	2204	rBV	351604	605661	17.88%	1.617%
66	15.313	2204	2206	2210	rVB2	275227	261805	7.73%	0.699%
67	15.401	2218	2221	2228	rVB	63904	78777	2.33%	0.210%
68	15.613	2253	2257	2263	rVB	212630	290643	8.58%	0.776%
69	15.677	2264	2268	2273	rBV	323018	431057	12.73%	1.151%
70	15.748	2273	2280	2284	rBV2	531161	813299	24.01%	2.171%
71	16.195	2353	2356	2364	rVB2	93442	163950	4.84%	0.438%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.748	2447	2450	2455	rBV	47274	71488	2.11%	0.191%
73	16.971	2484	2488	2495	rVB6	39447	71703	2.12%	0.191%
74	17.359	2548	2554	2559	rBV2	93444	197810	5.84%	0.528%
75	17.842	2633	2636	2644	rVB	60144	121466	3.59%	0.324%

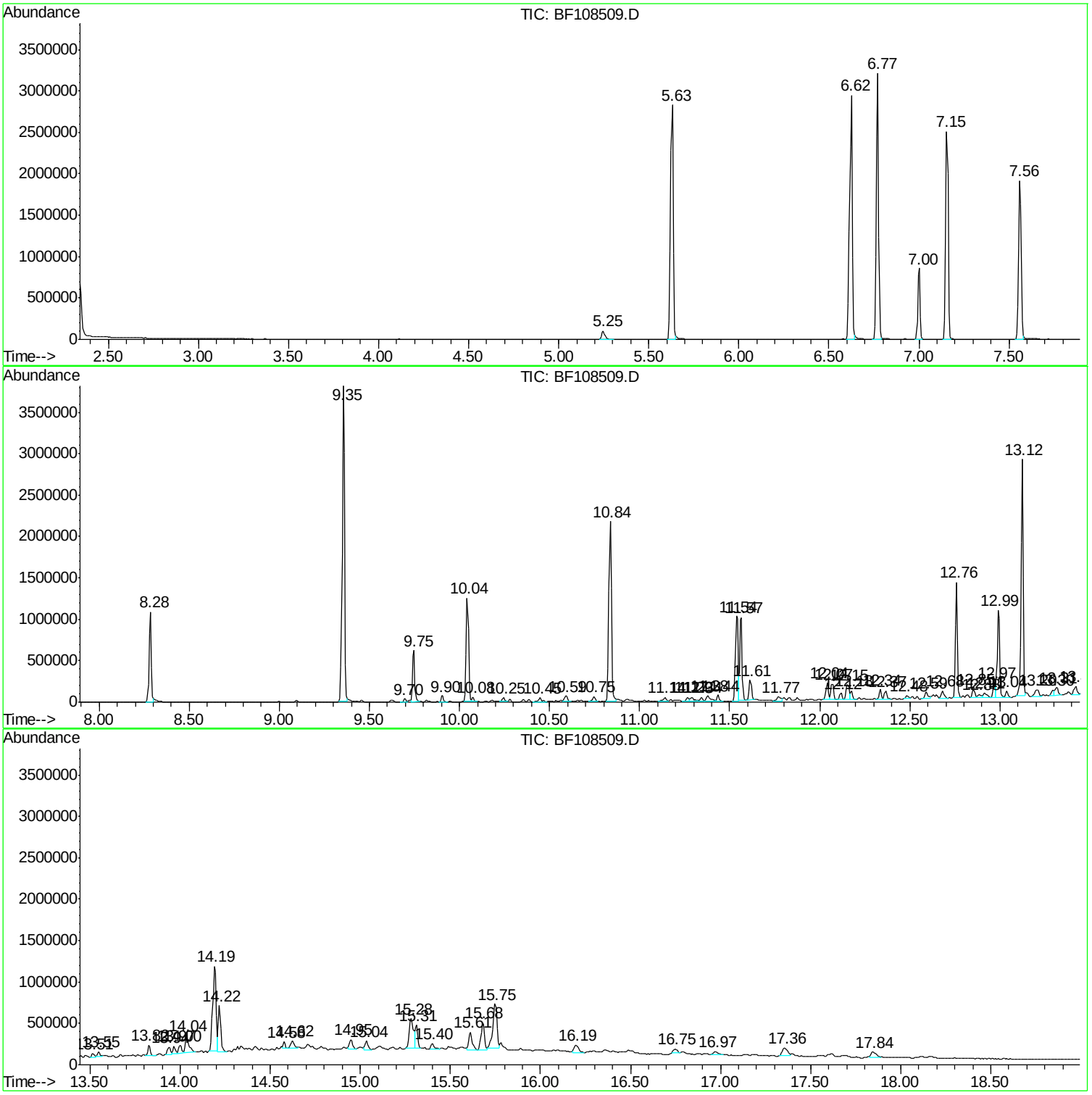
Sum of corrected areas: 37454605

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

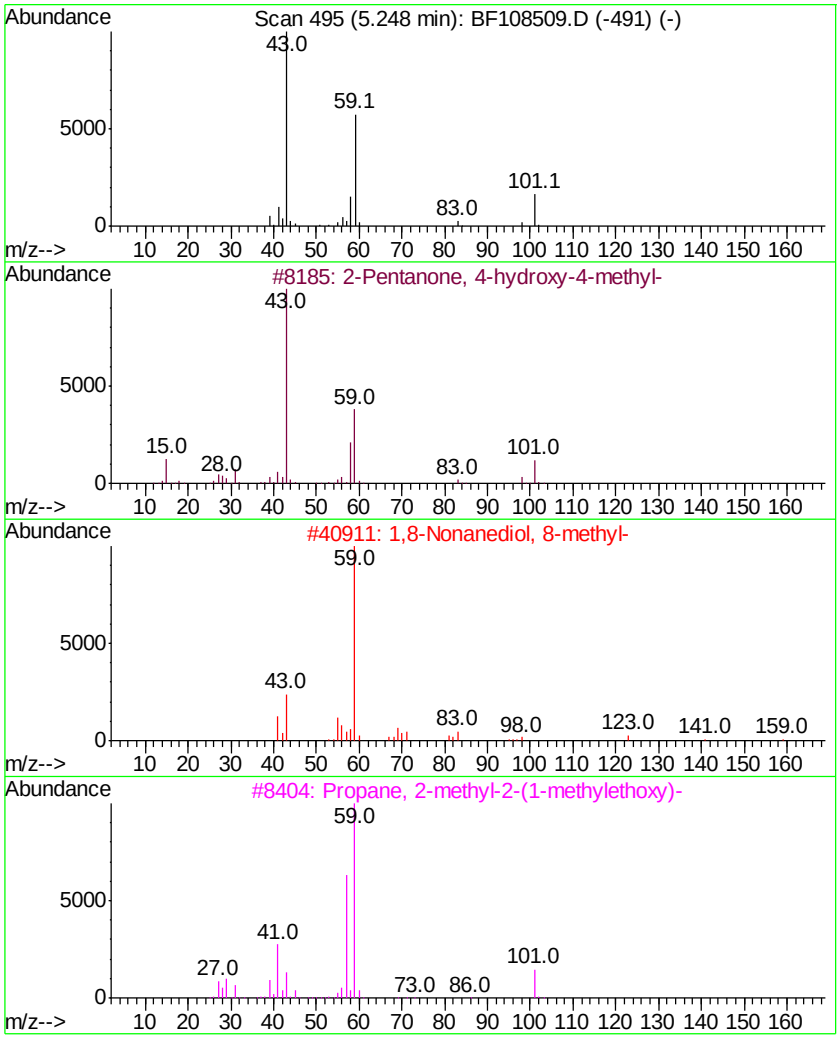
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

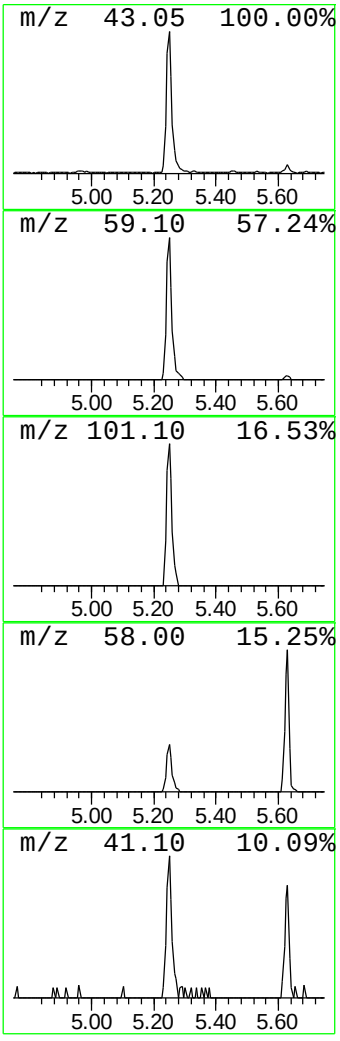
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	3.27 ng	123866	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Octanol	130	C8H18O	000589-98-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

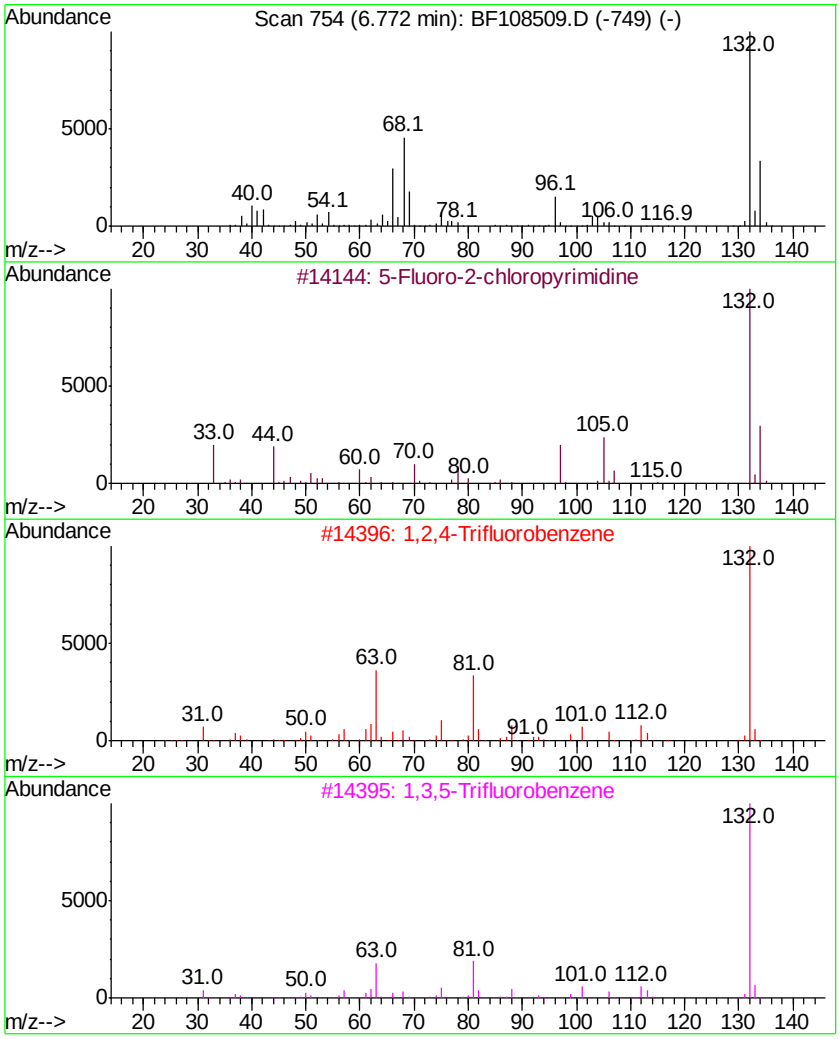
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

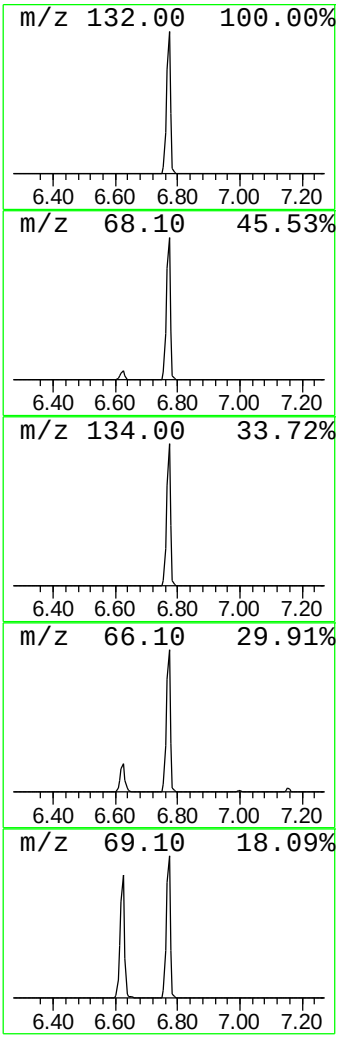
****

Peak Number 2 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	75.98 ng	2881130	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

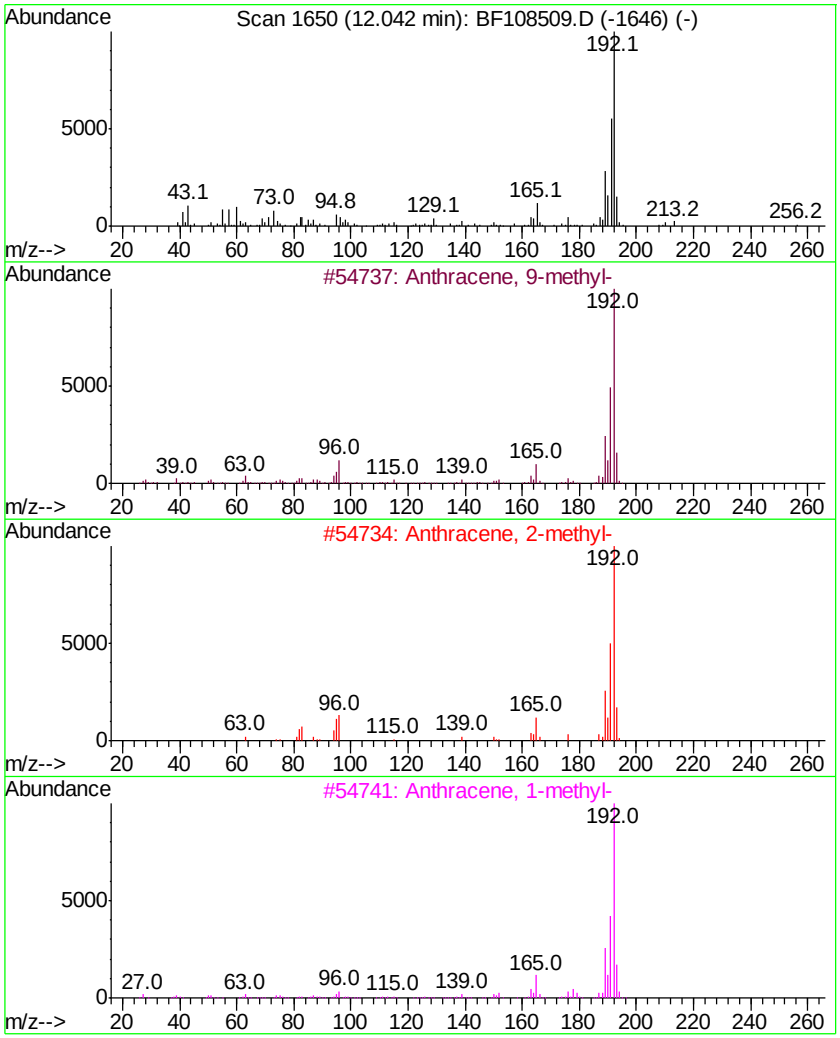
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

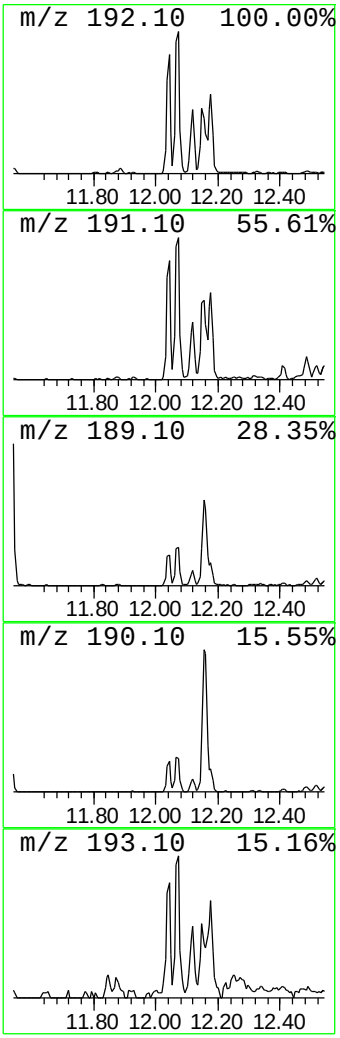
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.74 ng	183821	Phenanthrene-d10	11.54

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

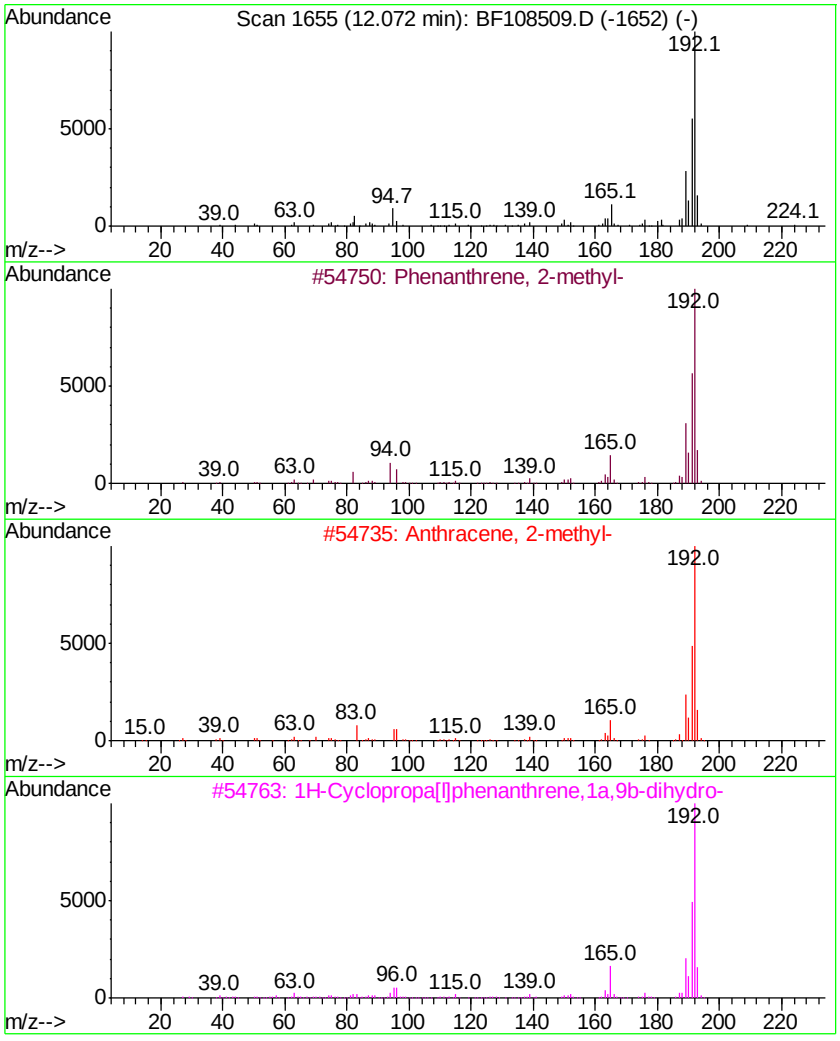
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

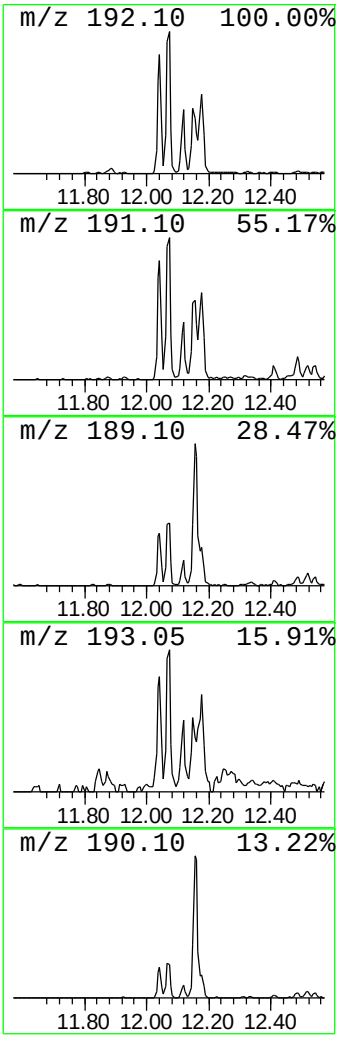
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	3.64 ng	179322	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

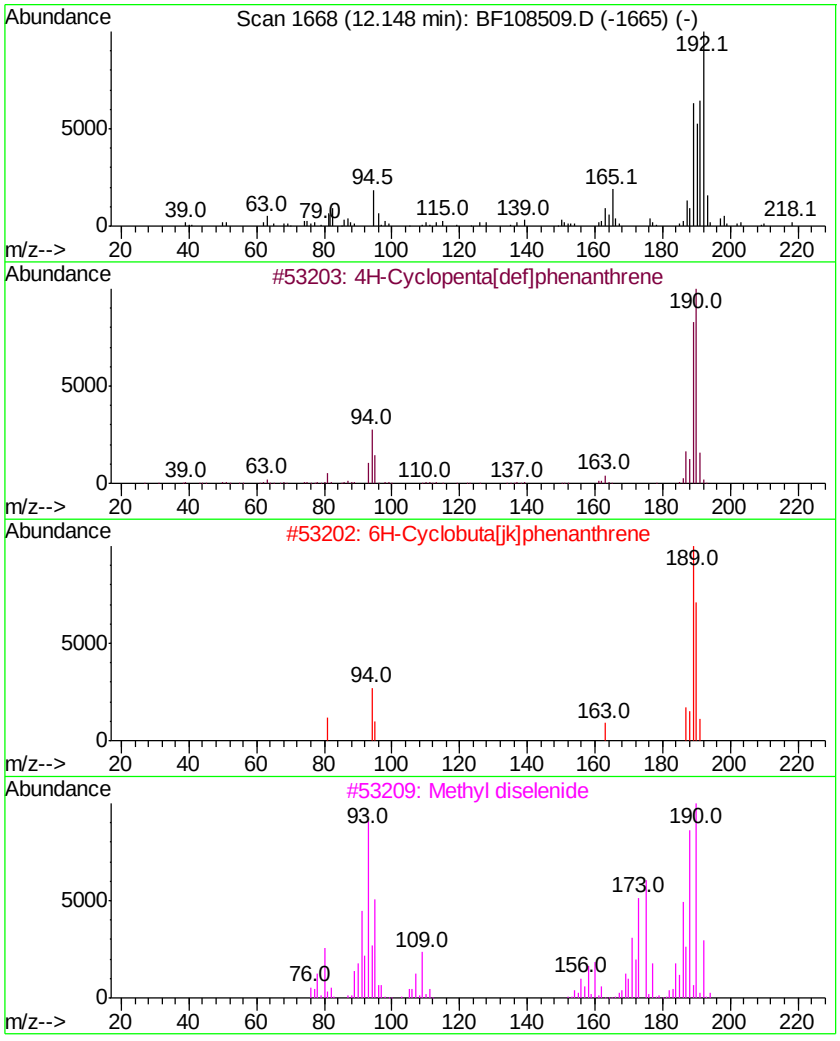
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

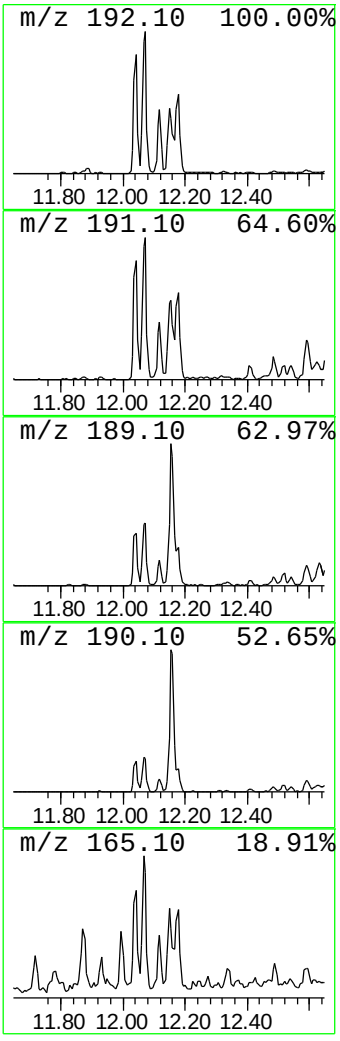
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	4.16 ng	204810	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

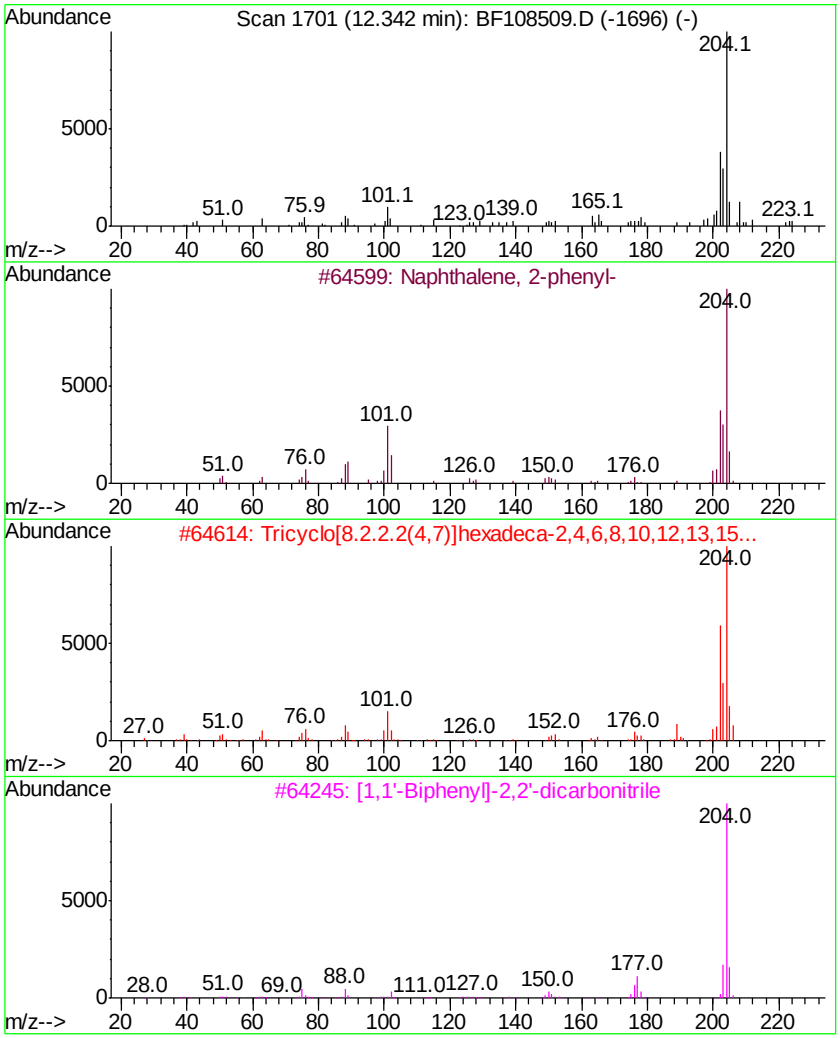
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

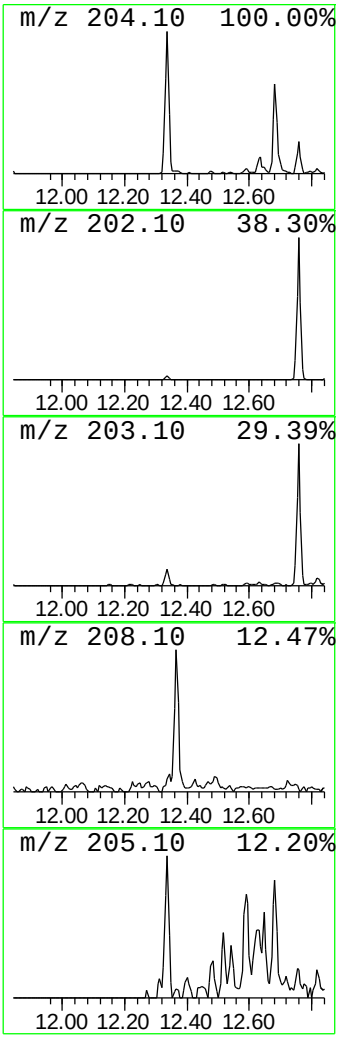
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.08 ng	102217	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

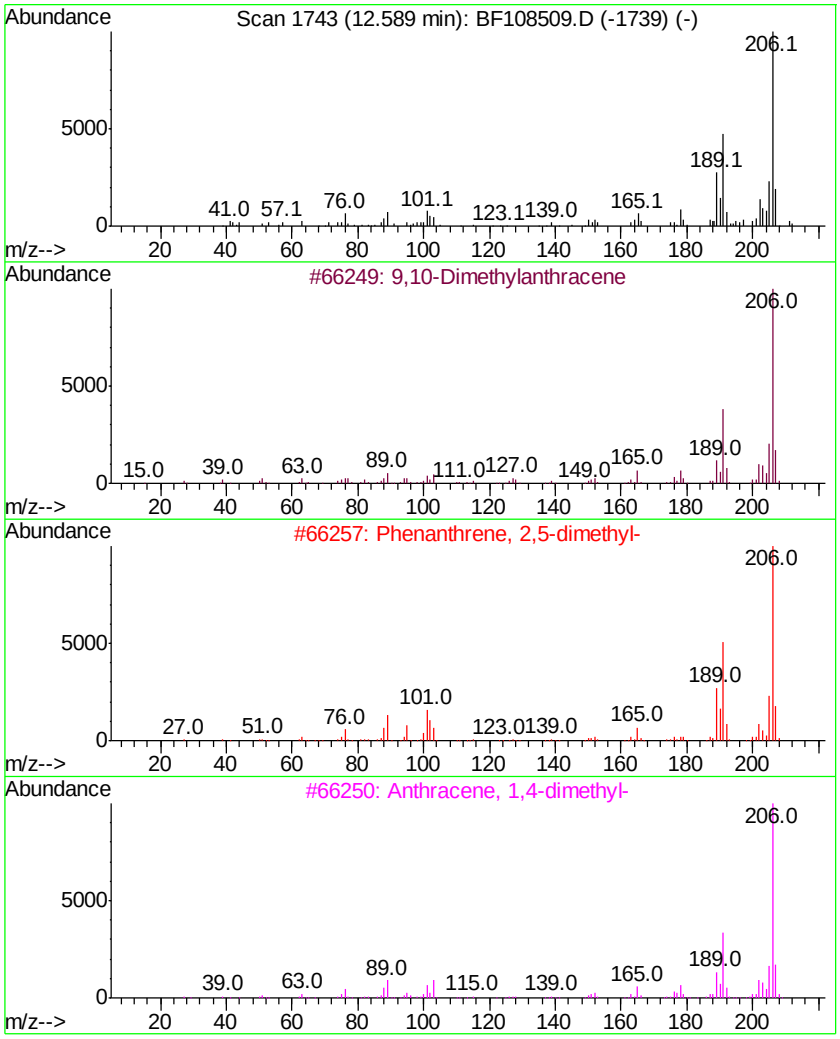
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

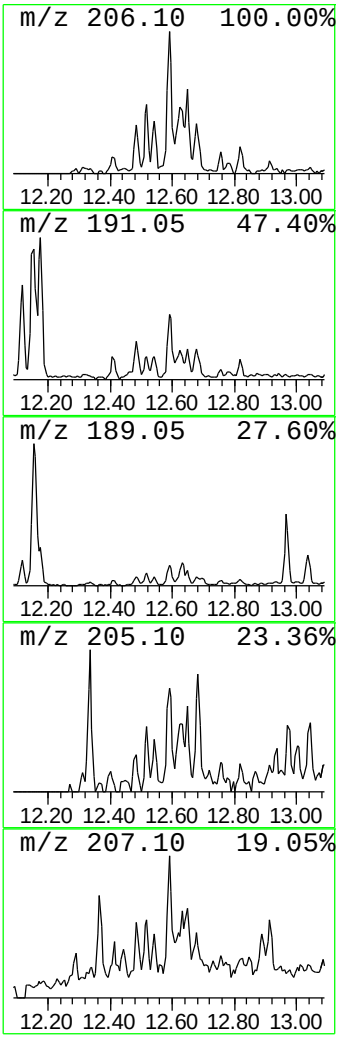
****

Peak Number 8 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.12 ng	104473	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

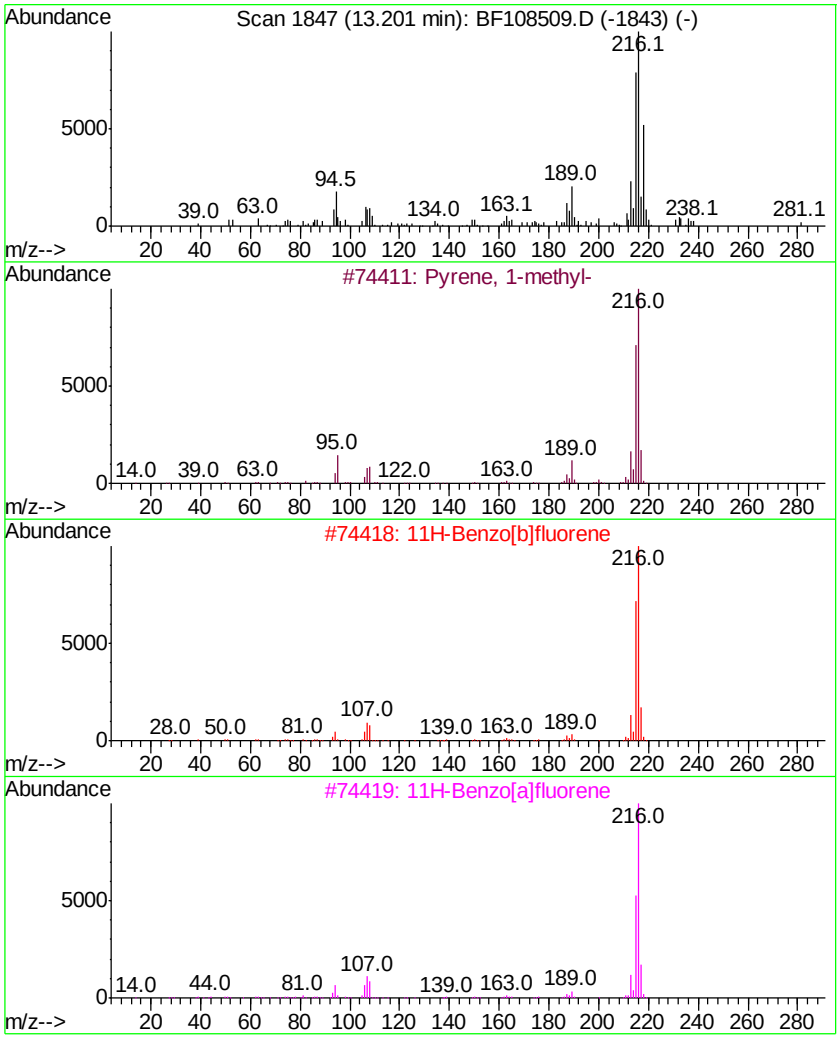
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

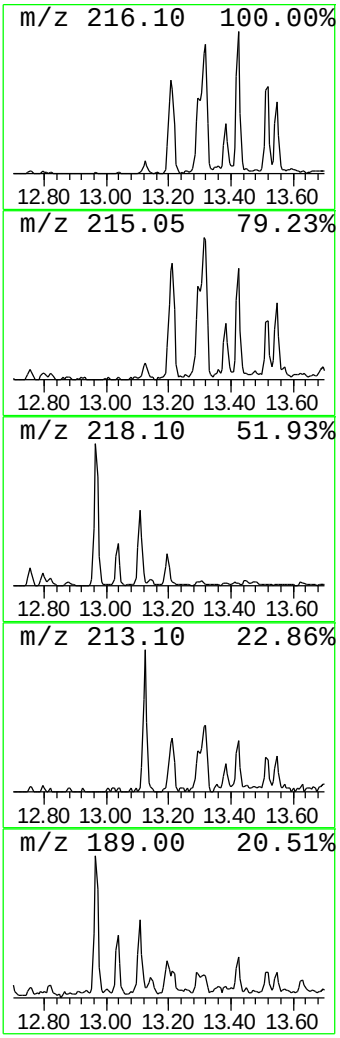
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.24 ng	148751	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	52
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

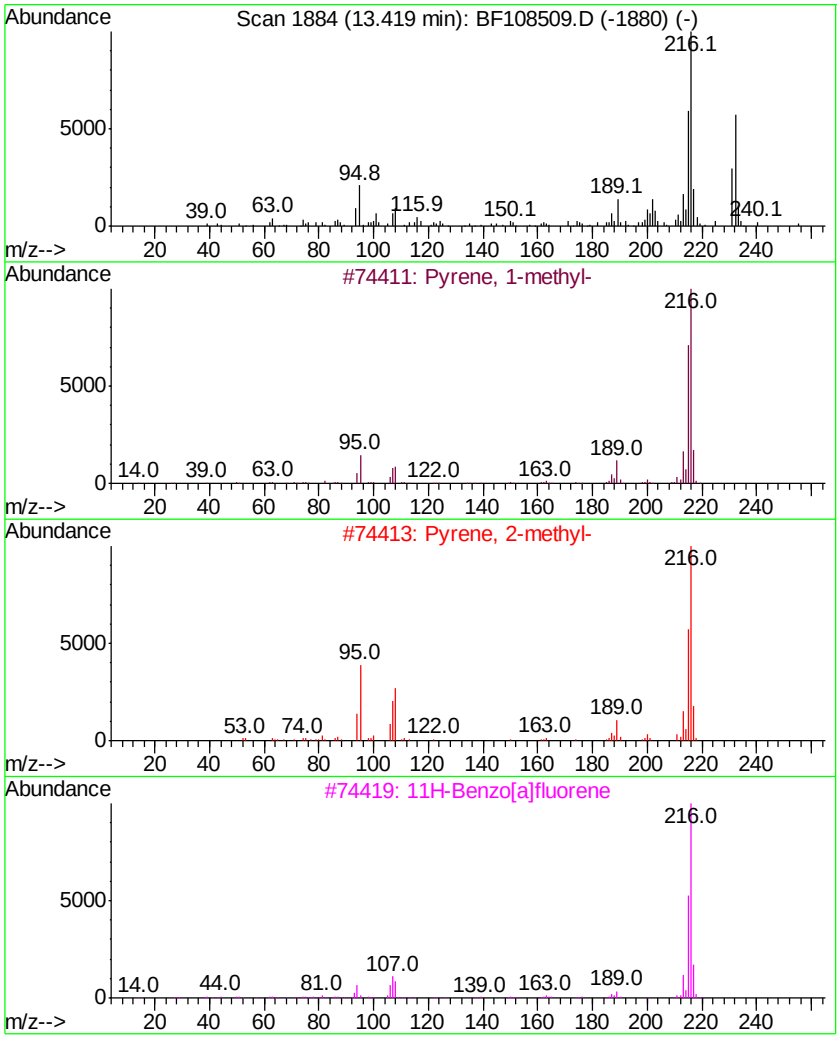
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

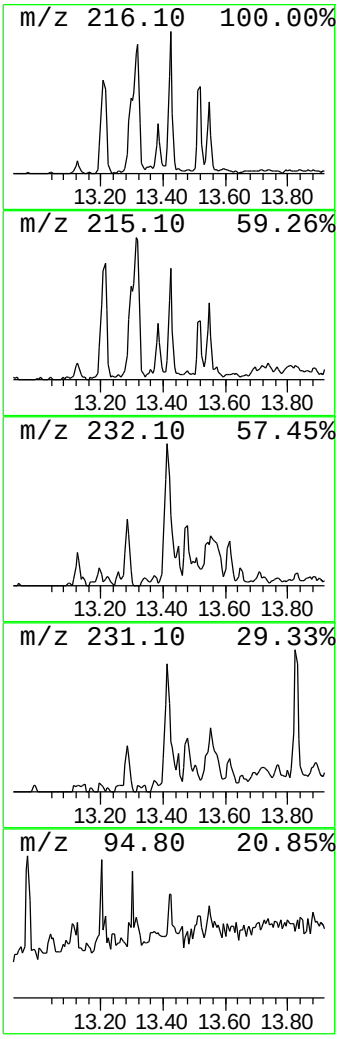
****

Peak Number 10 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.07 ng	137238	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

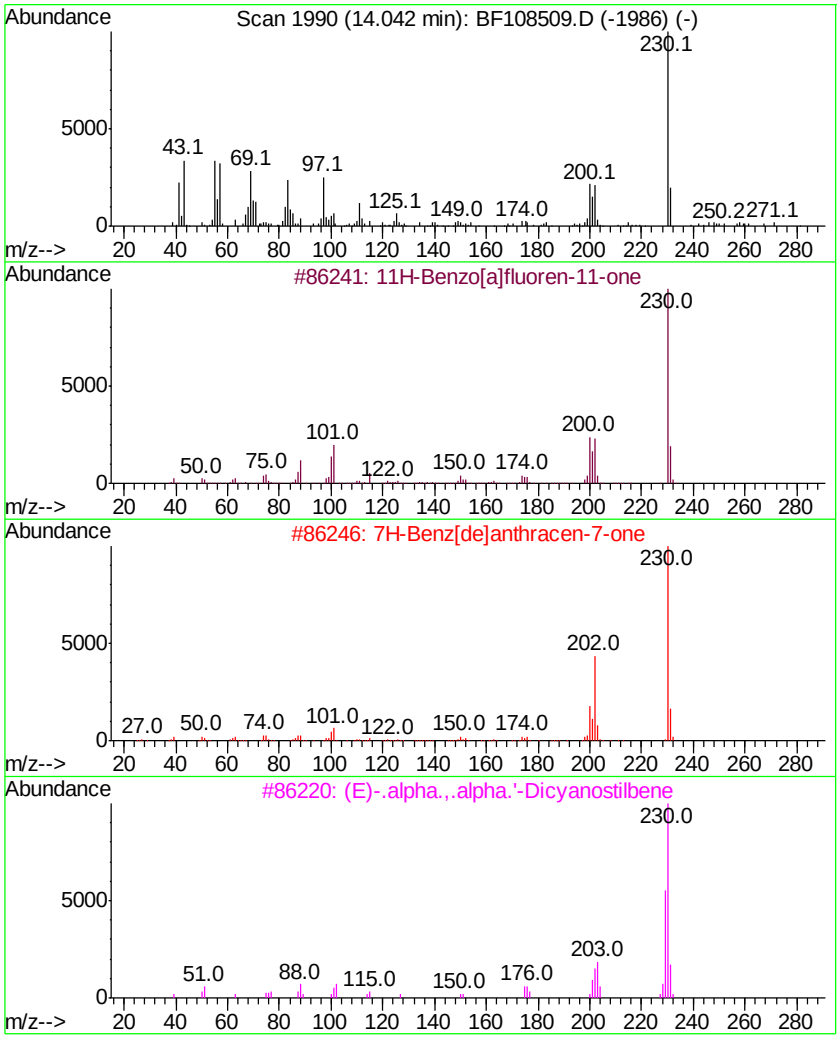
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

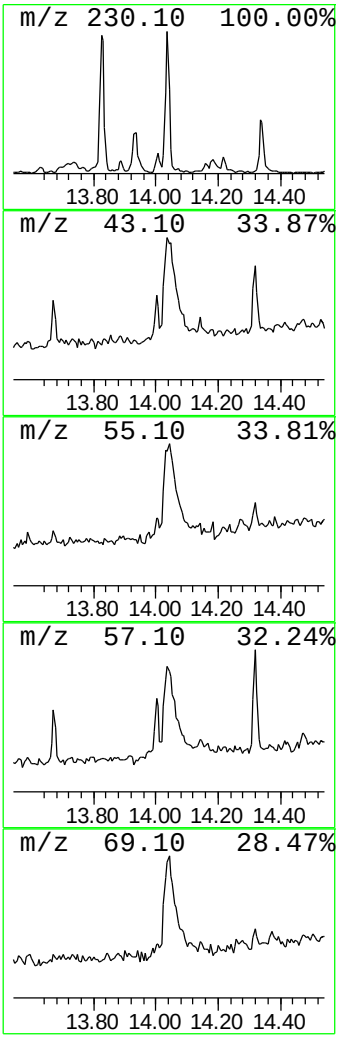
****

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	4.76 ng	315943	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	59
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

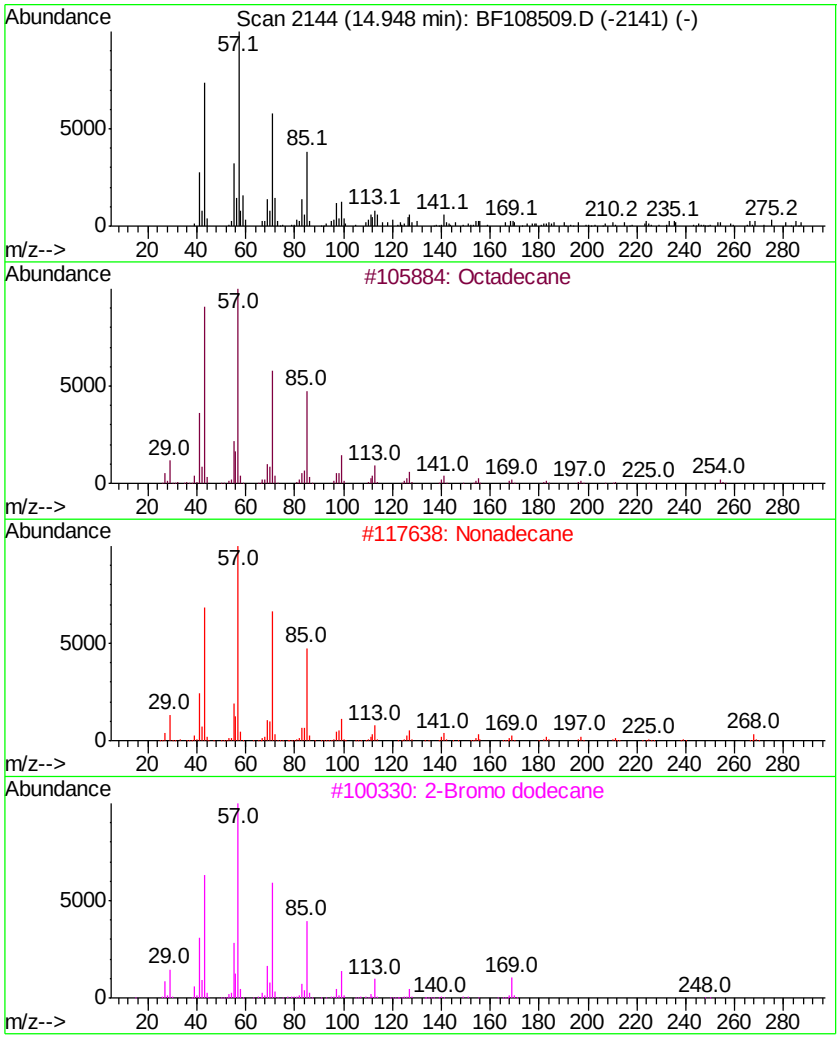
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

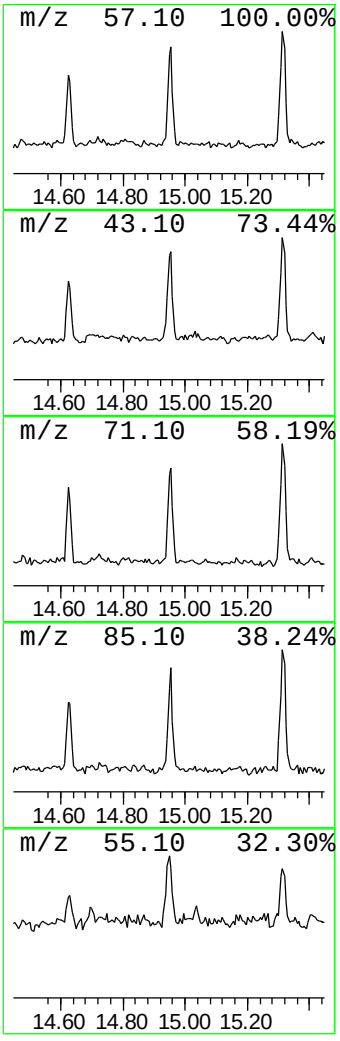
****

Peak Number 12 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.43 ng	161511	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Nonadecane	268	C19H40	000629-92-5	94
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	89
4	Hentriacontane	437	C31H64	000630-04-6	81
5	Hexatriacontane	507	C36H74	000630-06-8	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

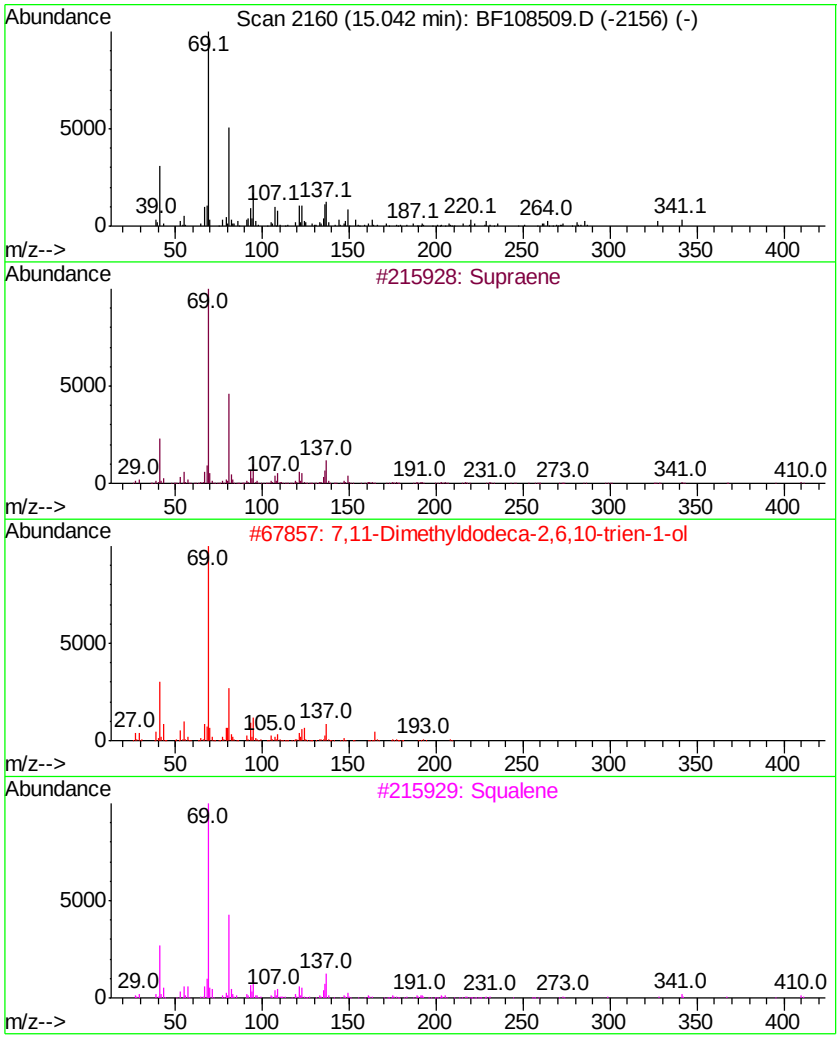
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

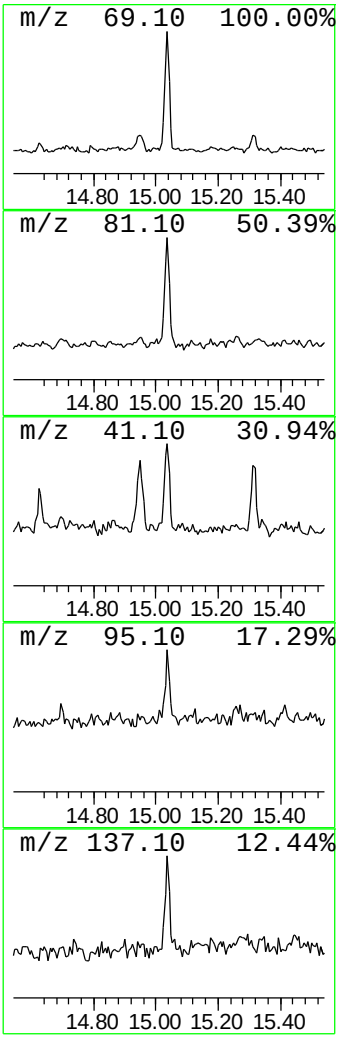
****

Peak Number 13 Supraene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.90 ng	117866	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	83
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80
3	Squalene	410	C30H50	000111-02-4	80
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
5	2,6-Octadiene, 1-(2-bromophenoxy...	308	C16H21BrO	1000163-04-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

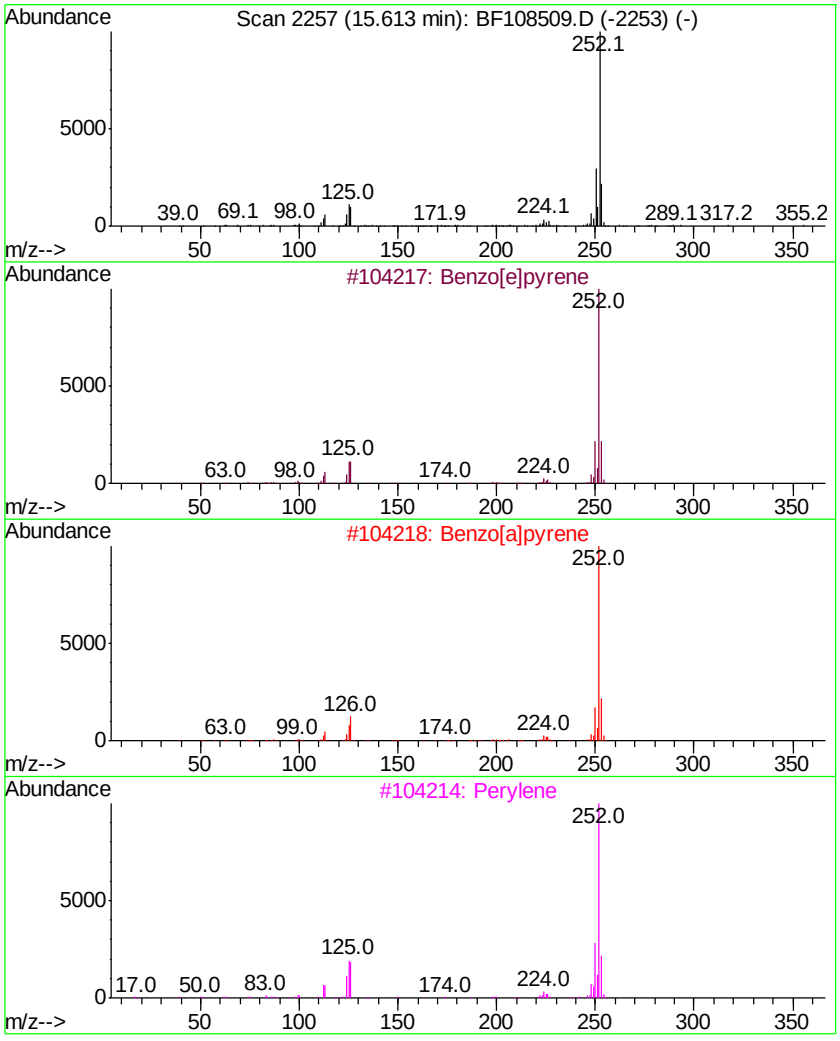
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

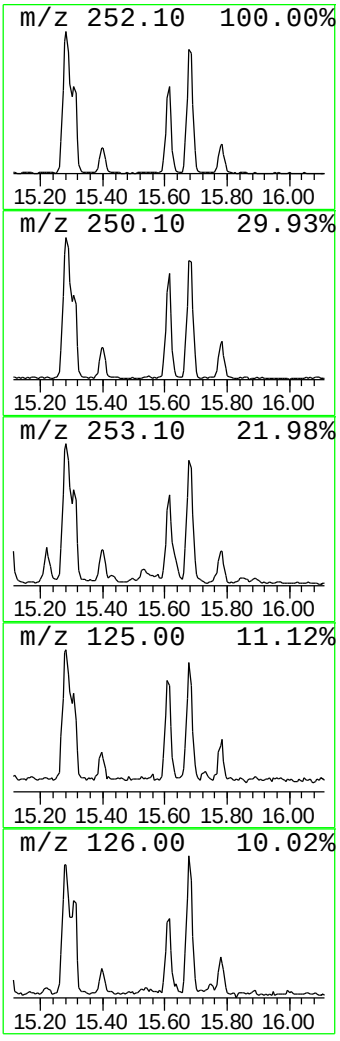
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	7.15 ng	290643	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

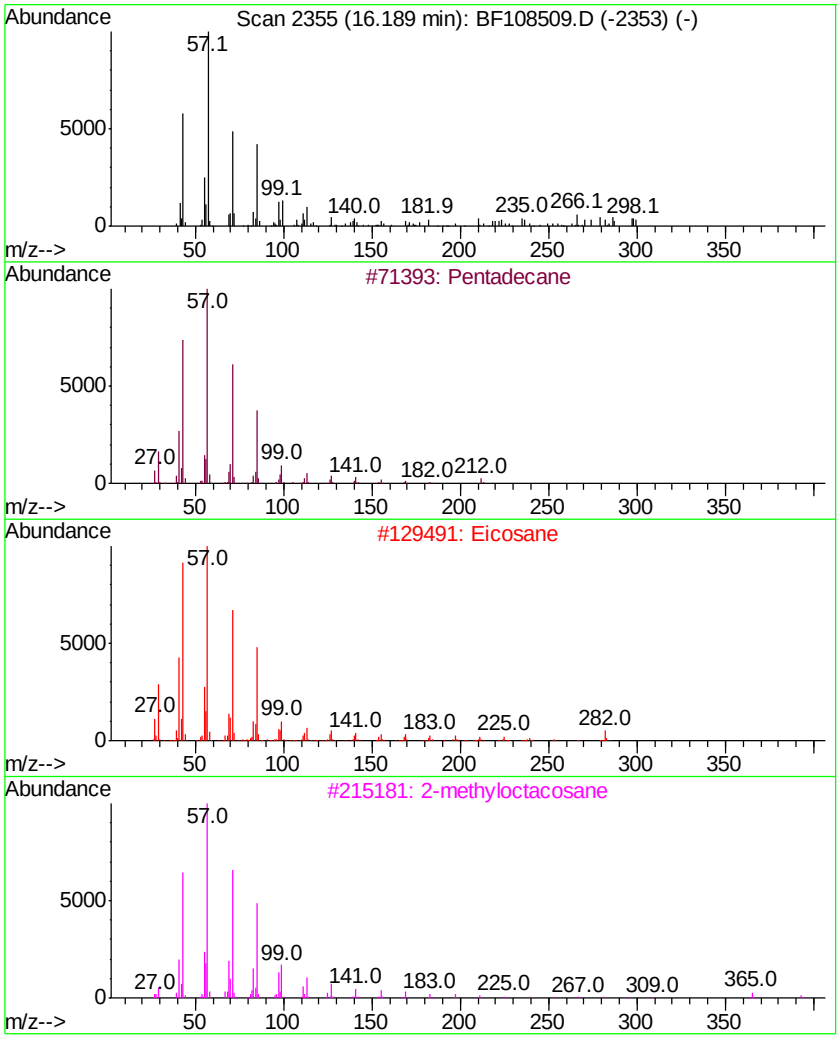
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

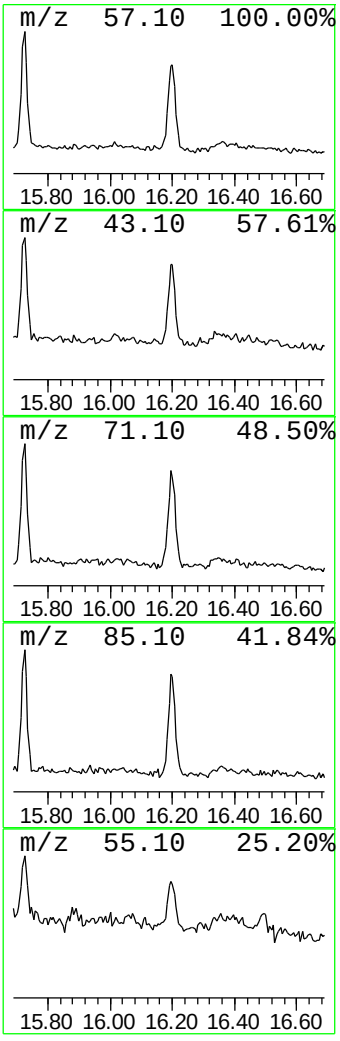
****

Peak Number 15 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	4.03 ng	163950	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Eicosane	282	C20H42	000112-95-8	89
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5	Octadecane	254	C18H38	000593-45-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082718\
Data File : BF108509.D
Acq On : 27 Aug 2018 14:41
Operator : JU/SJ
Sample : J4646-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q4-C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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...	5.25	3.3	ng	123866	1	7.00	758356	20.0
unknown6.77	6.77	76.0	ng	2881130	1	7.00	758356	20.0
Anthracene, 9-met...	12.04	3.7	ng	183821	4	11.54	984309	20.0
Phenanthrene, 2-m...	12.07	3.6	ng	179322	4	11.54	984309	20.0
4H-Cyclopenta[def...	12.15	4.2	ng	204810	4	11.54	984309	20.0
Naphthalene, 2-ph...	12.34	2.1	ng	102217	4	11.54	984309	20.0
9,10-Dimethylanth...	12.59	2.1	ng	104473	4	11.54	984309	20.0
Pyrene, 1-methyl-	13.20	2.2	ng	148751	5	14.20	1327880	20.0
Pyrene, 2-methyl-	13.42	2.1	ng	137238	5	14.20	1327880	20.0
11H-Benzo[a]fluor...	14.04	4.8	ng	315943	5	14.20	1327880	20.0
Octadecane	14.95	2.4	ng	161511	5	14.20	1327880	20.0
Supraene	15.04	2.9	ng	117866	6	15.75	813299	20.0
Benzo[e]pyrene	15.61	7.2	ng	290643	6	15.75	813299	20.0
Pentadecane	16.19	4.0	ng	163950	6	15.75	813299	20.0