LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

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-BF111319.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	2.181	10	16	29	rVB	661337	849322	19.58%	1.637%
2	5.128	512	517	526	rVB	541469	638364	14.72%	1.231%
3	5.528	580	585	588	rBV	3655800	3319255	76.54%	6.398%
4	6.540	751	757	770	rVB	3727513	3841939	88.59%	7.406%
5	6.681	777	781	785	rBV	4061228	3770425	86.94%	7.268%
6	6.916	817	821	824	rBV	1125186	921751	21.26%	1.777%
7	7.075	844	848	851	rBV	3326575	2944714	67.90%	5.676%
8	7.475	907	916	919	rBV	2542554	2350954	54.21%	4.532%
9	8.204	1036	1040	1042	rBV	1260480	1124598	25.93%	2.168%
10	8.222	1042	1043	1047	rVB	102370	63359	1.46%	0.122%
11	8.916	1158	1161	1165	rVB	82794	63971	1.48%	0.123%
12	9.016	1175	1178	1182	rBV	99652	75349	1.74%	0.145%
13	9.281	1219	1223	1226	rBV	5153585	4336608	100.00%	8.360%
14	9.392	1238	1242	1245	rVB2	98612	109807	2.53%	0.212%
15	9.622	1278	1281	1283	rBV	69341	65049	1.50%	0.125%
16	9.675	1287	1290	1298	rVB	687104	570109	13.15%	1.099%
17	9.963	1336	1339	1342	rBV	1770508	1408371	32.48%	2.715%
18	9.998	1342	1345	1348	rVB	157568	130304	3.00%	0.251%
19	10.169	1368	1374	1377	rBV	168081	160081	3.69%	0.309%
20	10.510	1428	1432	1436	rBV2	200393	194771	4.49%	0.375%
21	10.669	1457	1459	1463	rVB	74811	64741	1.49%	0.125%
22	10.757	1469	1474	1477	rBV	3396933	3031611	69.91%	5.844%
23	10.880	1491	1495	1501	rVB3	83465	116823	2.69%	0.225%
24	11.063	1521	1526	1528	rVB3	51859	51989	1.20%	0.100%
25	11.192	1543	1548	1550	rBV2	47530	56609	1.31%	0.109%
26	11.257	1556	1559	1563	rVB	185197	157231	3.63%	0.303%
27	11.316	1563	1569	1573	rVV3	58886	108401	2.50%	0.209%
28	11.351	1573	1575	1580	rVB	150729	128881	2.97%	0.248%
29	11.457	1589	1593	1595	rBV	1826942	1593235	36.74%	3.071%
30	11.480	1595	1597	1600	rVV	2340731	1752863	40.42%	3.379%
31	11.533	1600	1606	1609	rVV	378062	390521	9.01%	0.753%
32	11.563	1609	1611	1615	rVB2	65310	61514	1.42%	0.119%
33	11.633	1618	1623	1626	rVB5	38173	51573	1.19%	0.099%
34	11.686	1626	1632	1634	rBV2	219621	275160	6.35%	0.530%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.751	1639	1643	1647	rBV4	50945	73698	1.70%	0.142%
36	11.957	1672	1678	1680	rBV	219910	277629	6.40%	0.535%
37	11.980	1680	1682	1688	rVV2	776960	784396	18.09%	1.512%
38	12.033	1688	1691	1694	rVB	79252	73245	1.69%	0.141%
39	12.074	1694	1698	1700	rBV2	250331	298256	6.88%	0.575%
40	12.092	1700	1701	1705	rVB	154951	106553	2.46%	0.205%
41	12.157	1705	1712	1716	rBV4	80121	153300	3.54%	0.296%
42	12.257	1726	1729	1730	rBV	151431	122746	2.83%	0.237%
43	12.274	1730	1732	1736	rVB	153559	152177	3.51%	0.293%
44	12.510	1768	1772	1775	rBV2	147102	178243	4.11%	0.344%
45	12.545	1775	1778	1780	rVV2	89927	83336	1.92%	0.161%
46	12.598	1784	1787	1792	rBV	105484	123943	2.86%	0.239%
47	12.674	1796	1800	1804	rBV	1918923	1639610	37.81%	3.161%
48	12.769	1813	1816	1818	rBV	211368	207967	4.80%	0.401%
49	12.827	1824	1826	1829	rVB	61454	54531	1.26%	0.105%
50	12.904	1833	1839	1845	rVV2	1278813	1370300	31.60%	2.641%
51	12.951	1845	1847	1851	rVB2	79151	84925	1.96%	0.164%
52	13.021	1856	1859	1860	rBV	98153	90959	2.10%	0.175%
53	13.051	1860	1864	1867	rVB	3708486	3547094	81.79%	6.838%
54	13.121	1872	1876	1879	rBV2	82323	127484	2.94%	0.246%
55	13.233	1892	1895	1898	rVB	139823	125731	2.90%	0.242%
56	13.298	1904	1906	1908	rBV	72630	49885	1.15%	0.096%
57	13.333	1909	1912	1915	rVB2	97970	101125	2.33%	0.195%
58	13.463	1931	1934	1937	rBV2	60057	69327	1.60%	0.134%
59	13.739	1978	1981	1986	rVB	170268	155017	3.57%	0.299%
60	13.851	1996	2000	2003	rBV2	126517	175566	4.05%	0.338%
61	13.880	2003	2005	2006	rBV	96990	74959	1.73%	0.144%
62	13.945	2013	2016	2026	rVB	524039	656860	15.15%	1.266%
63	14.104	2038	2043	2046	rBV2	1430877	1743263	40.20%	3.360%
64	14.133	2046	2048	2055	rVB	520719	478104	11.02%	0.922%
65	14.210	2059	2061	2065	rBV	56611	51876	1.20%	0.100%
66	14.268	2068	2071	2073	rBV2	84565	87968	2.03%	0.170%
67	14.486	2106	2108	2112	rVB	105828	102034	2.35%	0.197%
68	14.568	2120	2122	2128	rBV4	89282	153567	3.54%	0.296%
69	14.886	2174	2176	2179	rBV	109606	108761	2.51%	0.210%
70	15.162	2220	2223	2231	rBV	466299	955357	22.03%	1.842%
71	15.280	2240	2243	2246	rVB	79913	89867	2.07%	0.173%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.480	2274	2277	2284	rVB	273035	366272	8.45%	0.706%
73	15.545	2284	2288	2292	rBV	360922	436447	10.06%	0.841%
74	15.615	2295	2300	2303	rBV	868064	1160808	26.77%	2.238%
75	17.145	2556	2560	2566	rVB2	142965	259222	5.98%	0.500%
76	17.604	2634	2638	2645	rVB	77928	143468	3.31%	0.277%

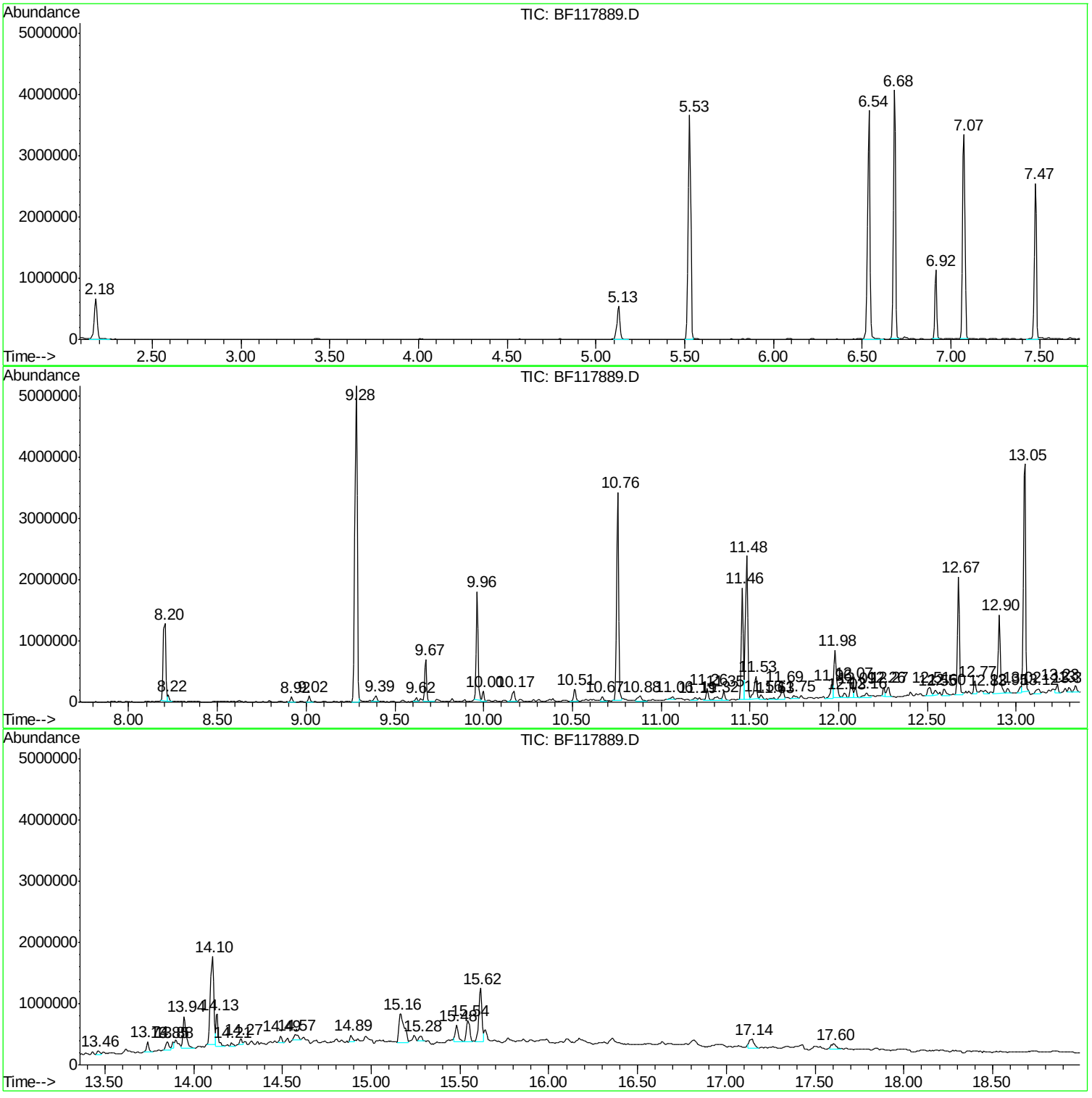
Sum of corrected areas: 51876129

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

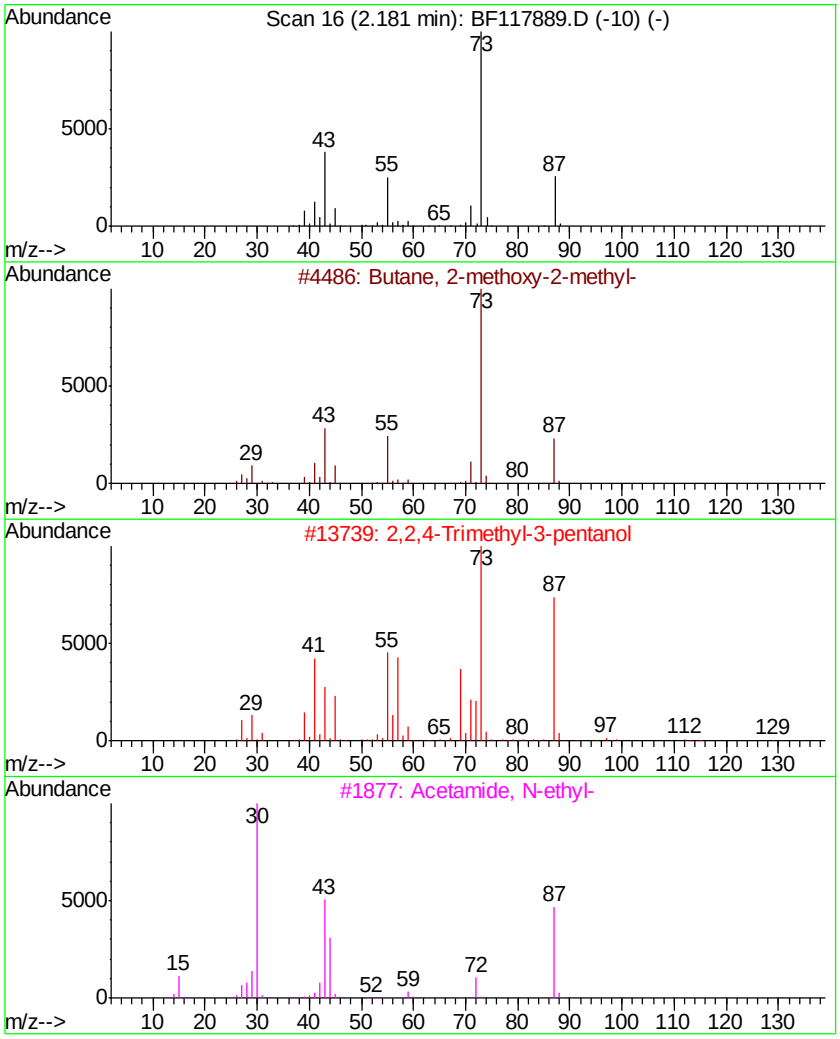
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

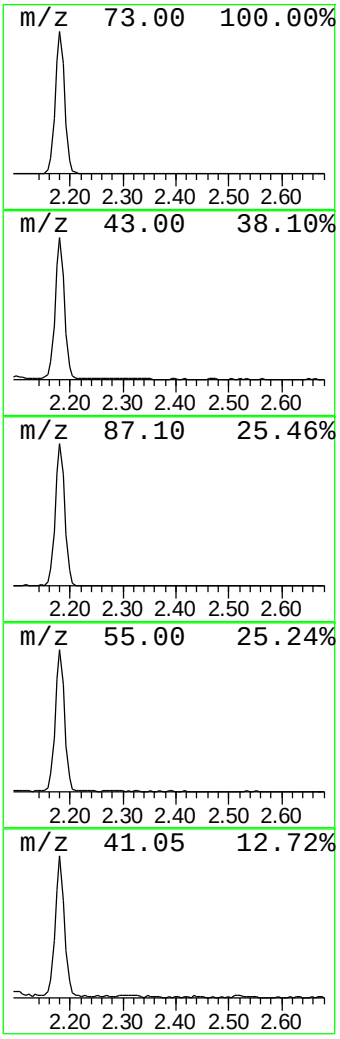
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	18.43 ng	849322	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

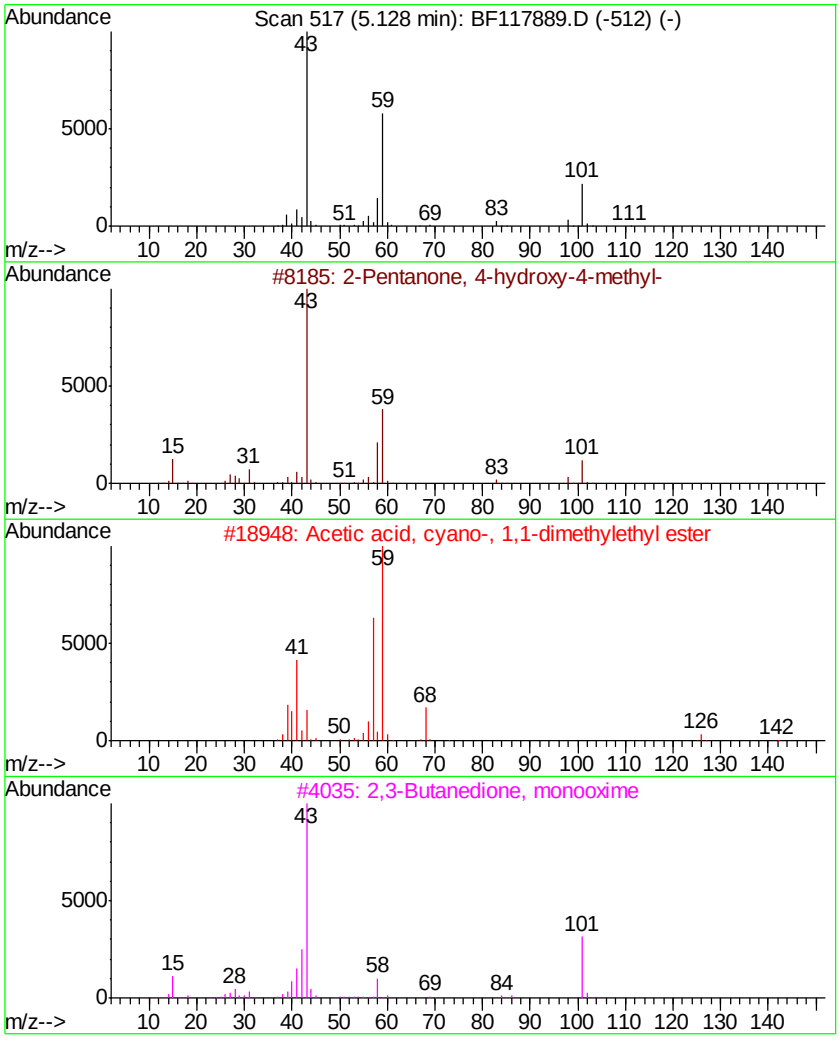
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

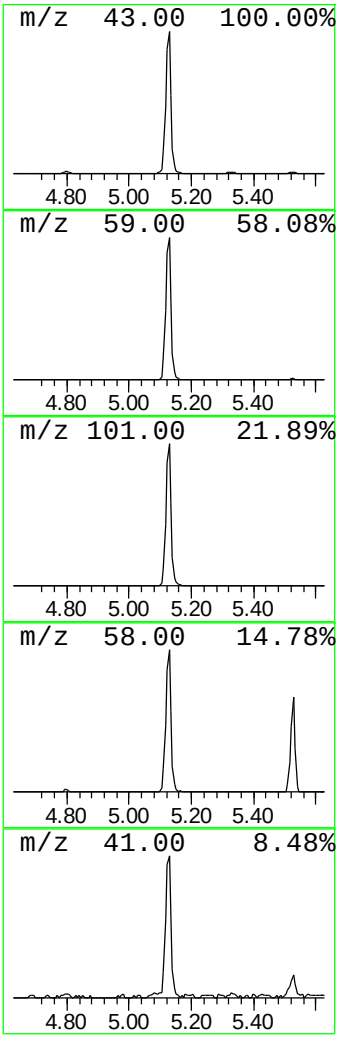
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	13.85 ng	638364	1,4-Dichlorobenzene-d4	6.92

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	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

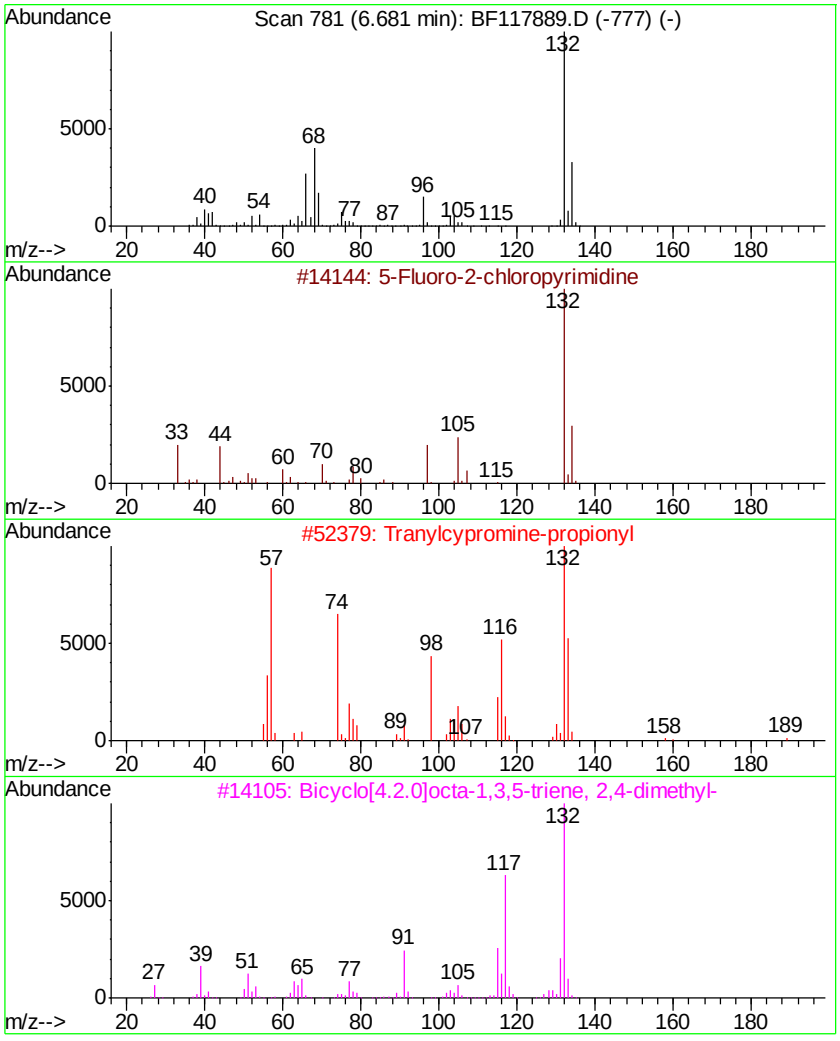
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

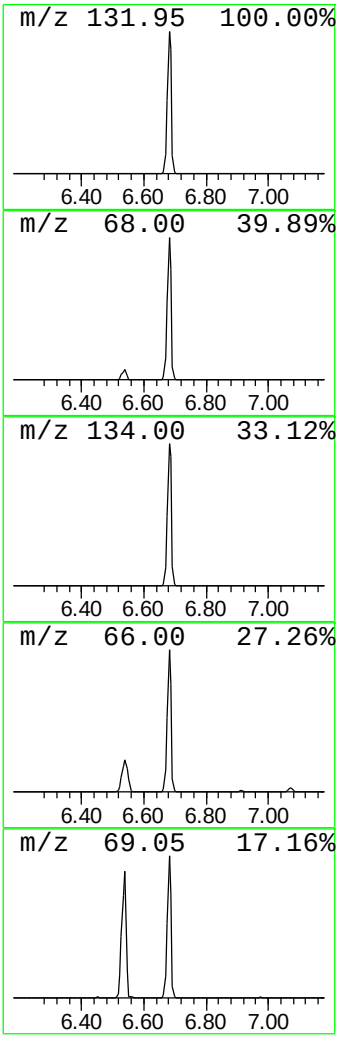
****

Peak Number 3 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	81.81 ng	3770430	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

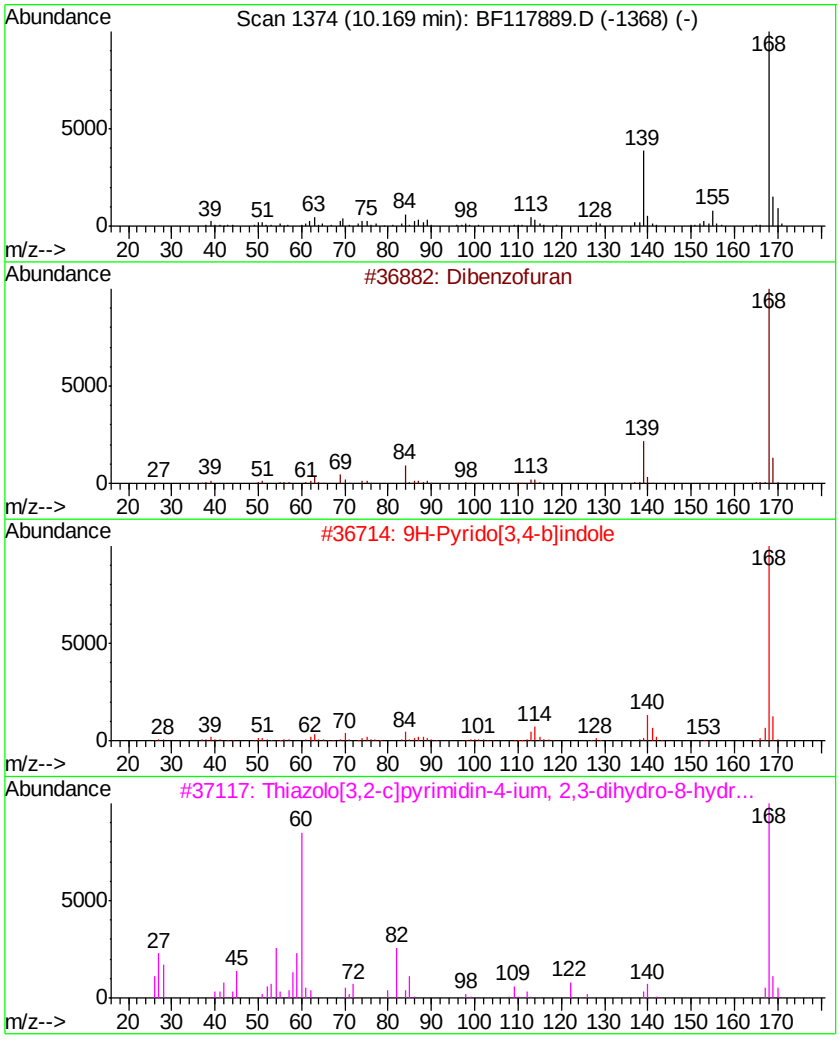
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

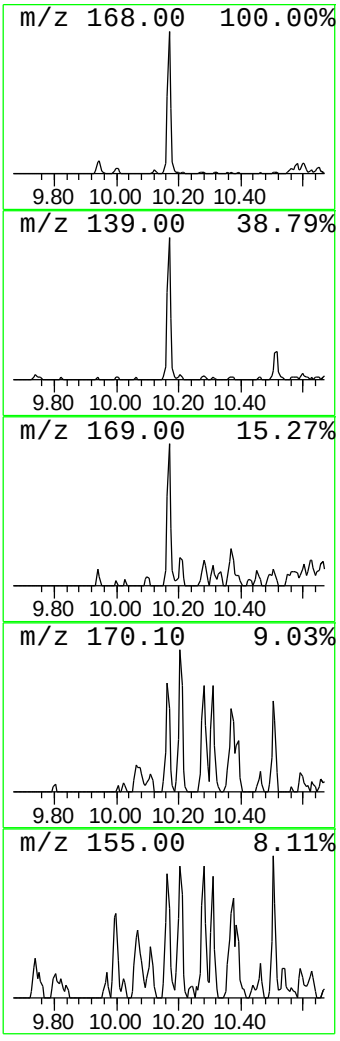
****

Peak Number 5 unknown10.17 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.27 ng	160081	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	68
2	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	47
3	Thiazolo[3,2-c]pyrimidin-4-ium, ...	168	C7H8N2OS	024614-07-1	47
4	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	47
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

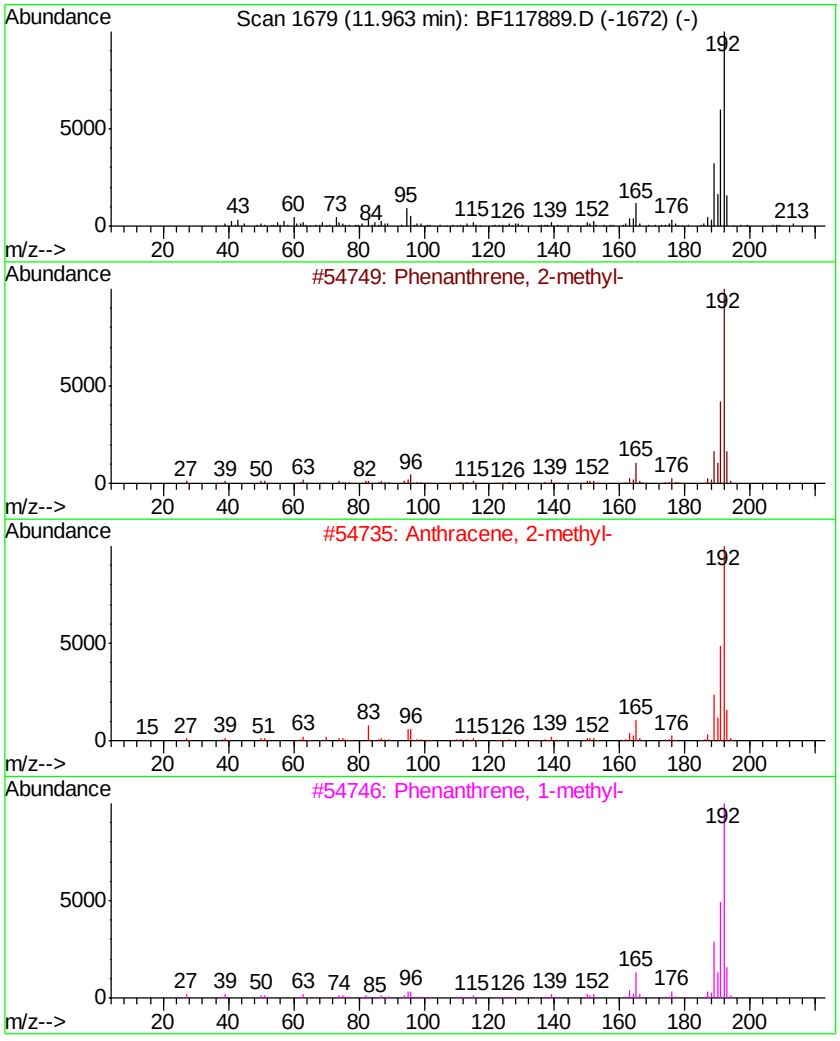
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

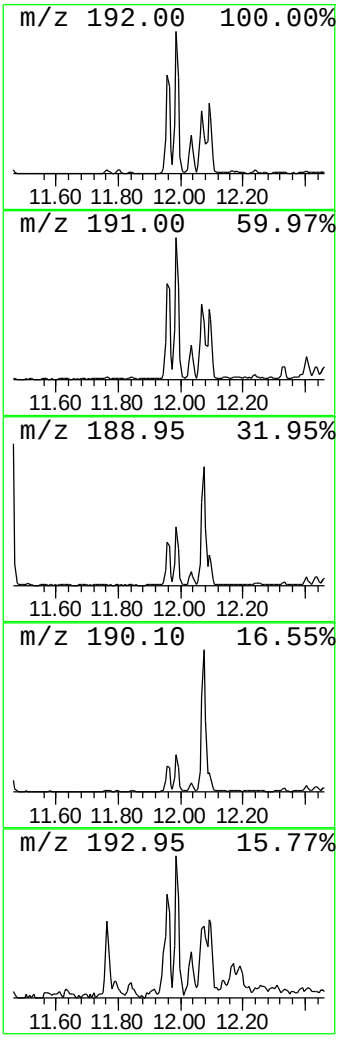
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.49 ng	277629	Phenanthrene-d10	11.46

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

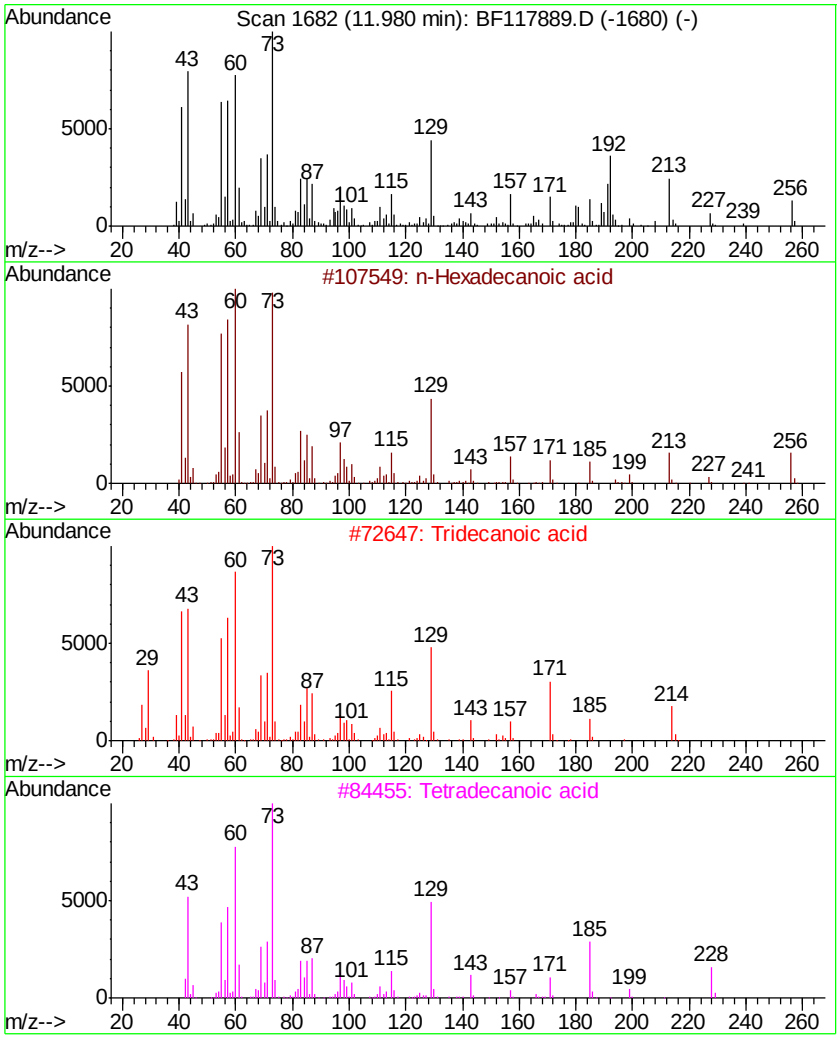
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

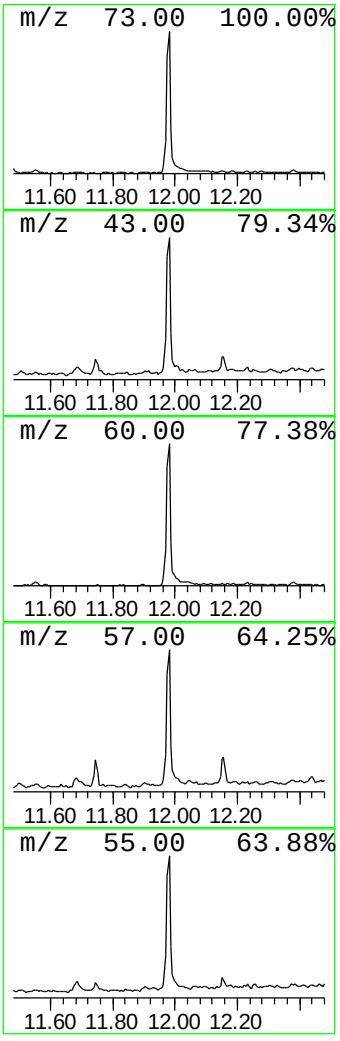
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	9.85 ng	784396	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

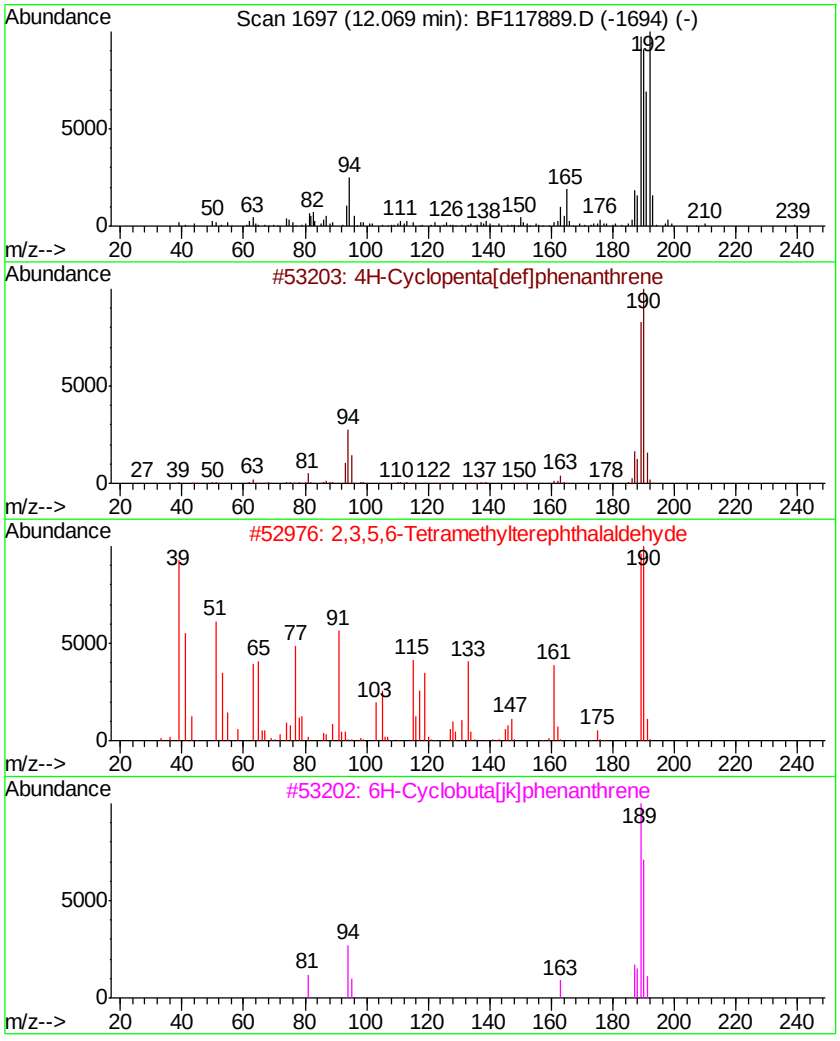
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

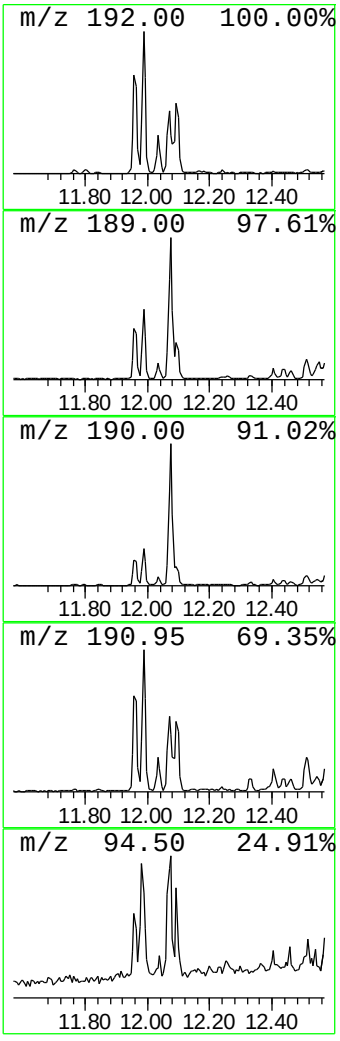
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	3.74 ng	298256	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

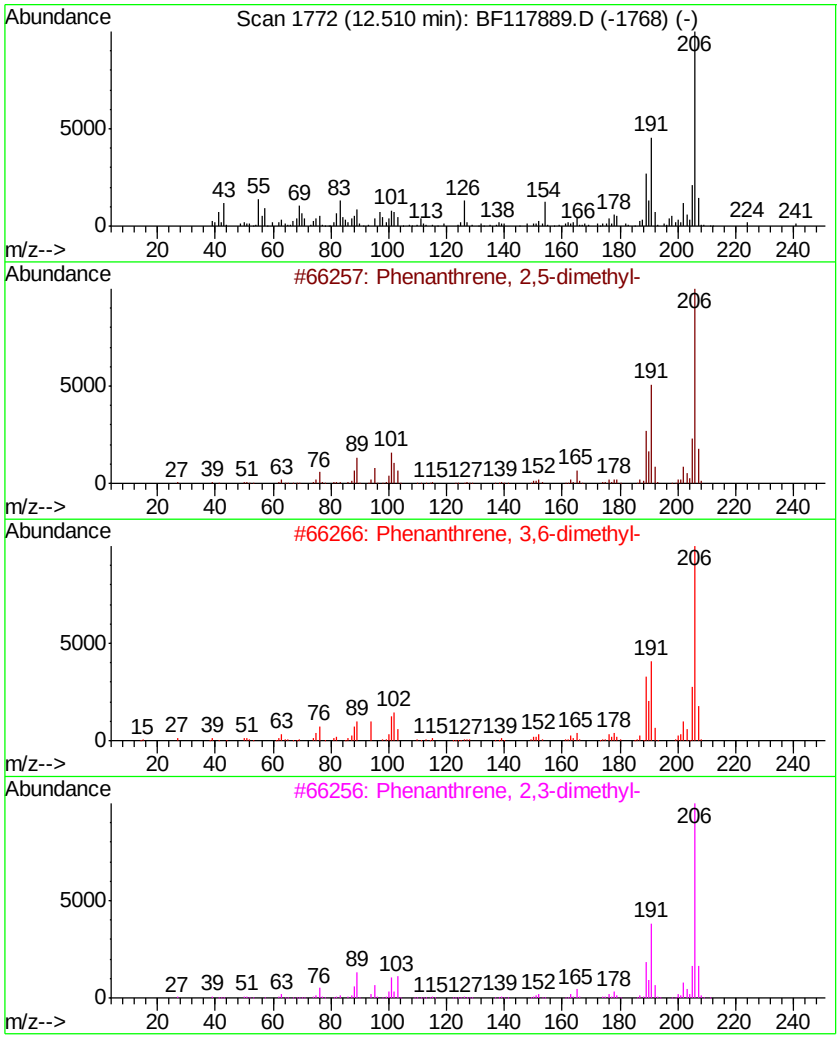
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

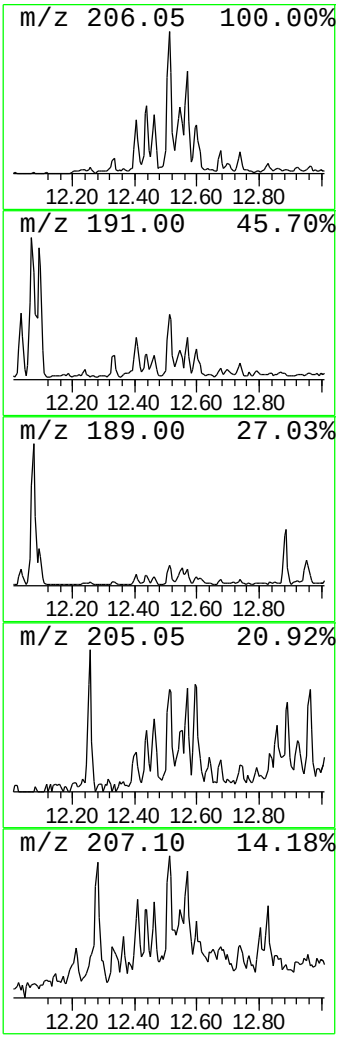
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.24 ng	178243	Phenanthrene-d10	11.46

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	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

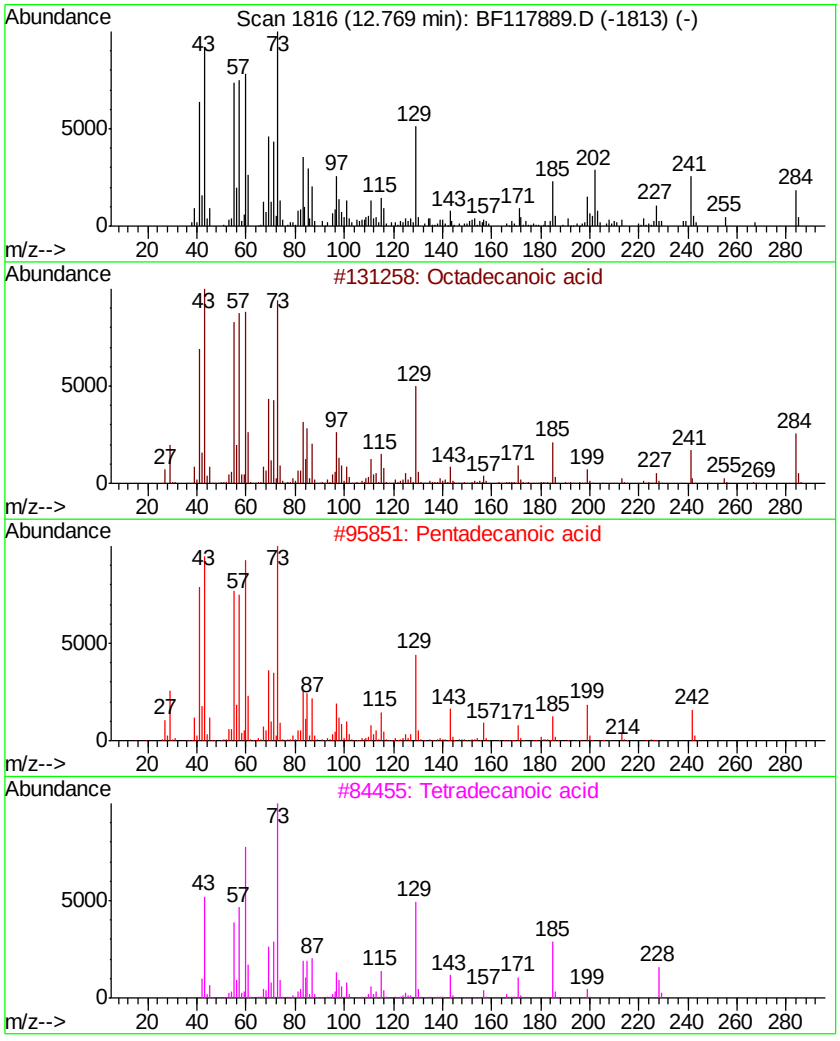
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

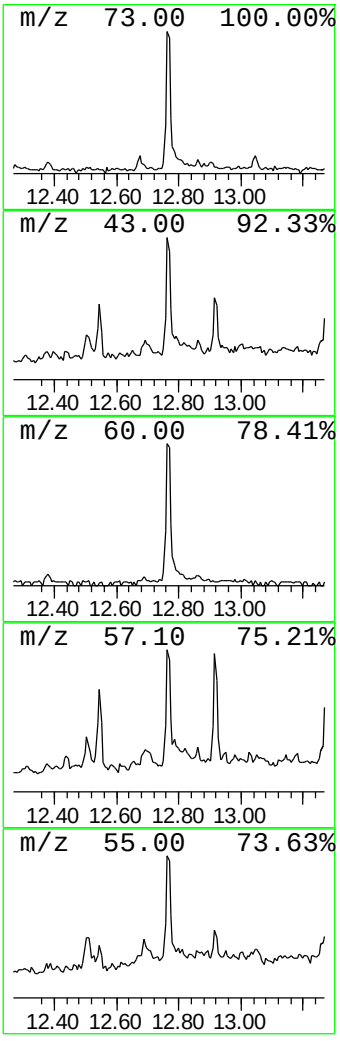
****

Peak Number 10 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.61 ng	207967	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

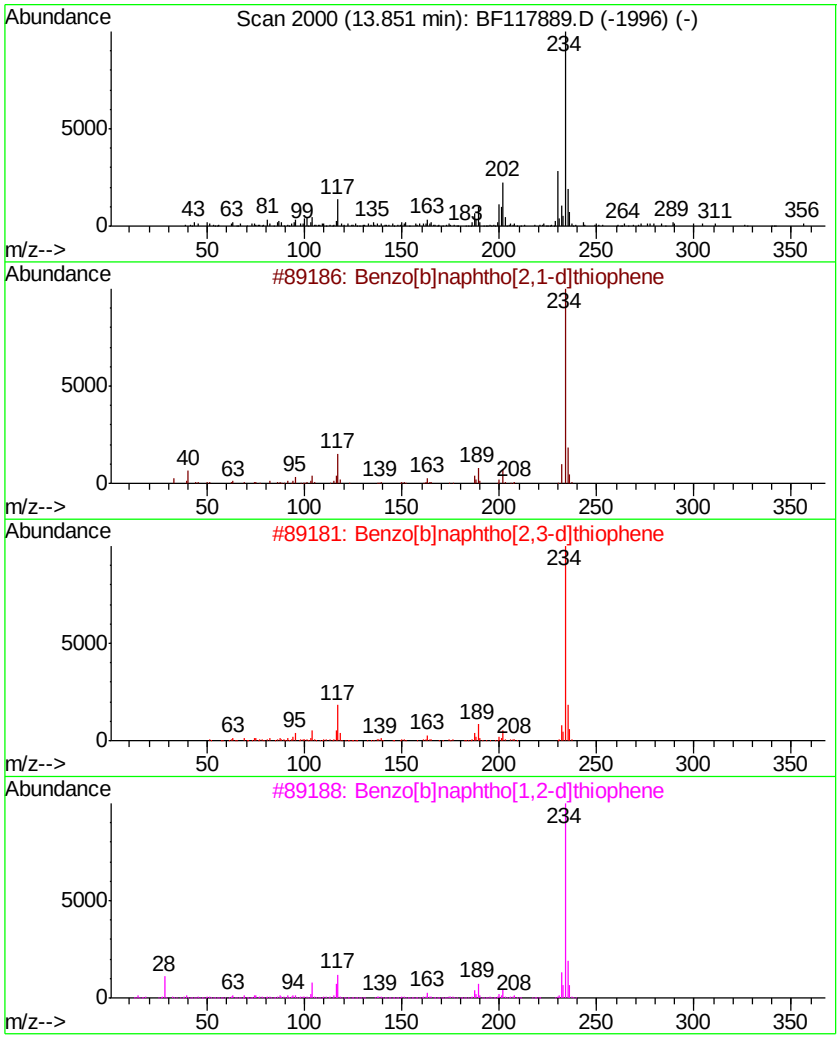
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

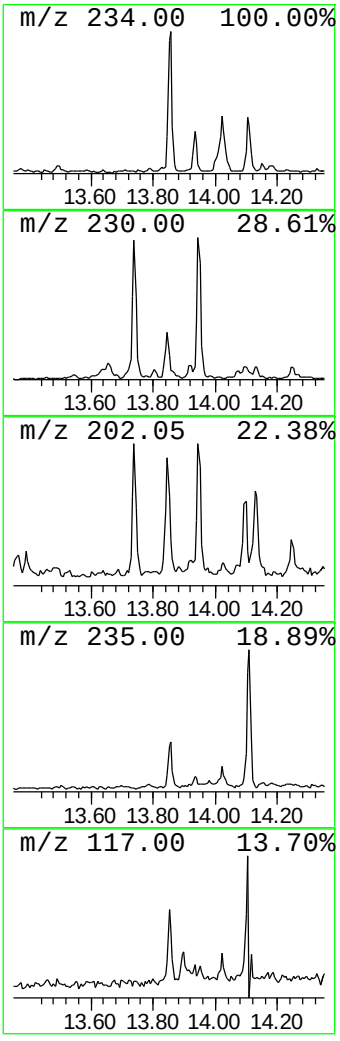
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.01 ng	175566	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	83
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

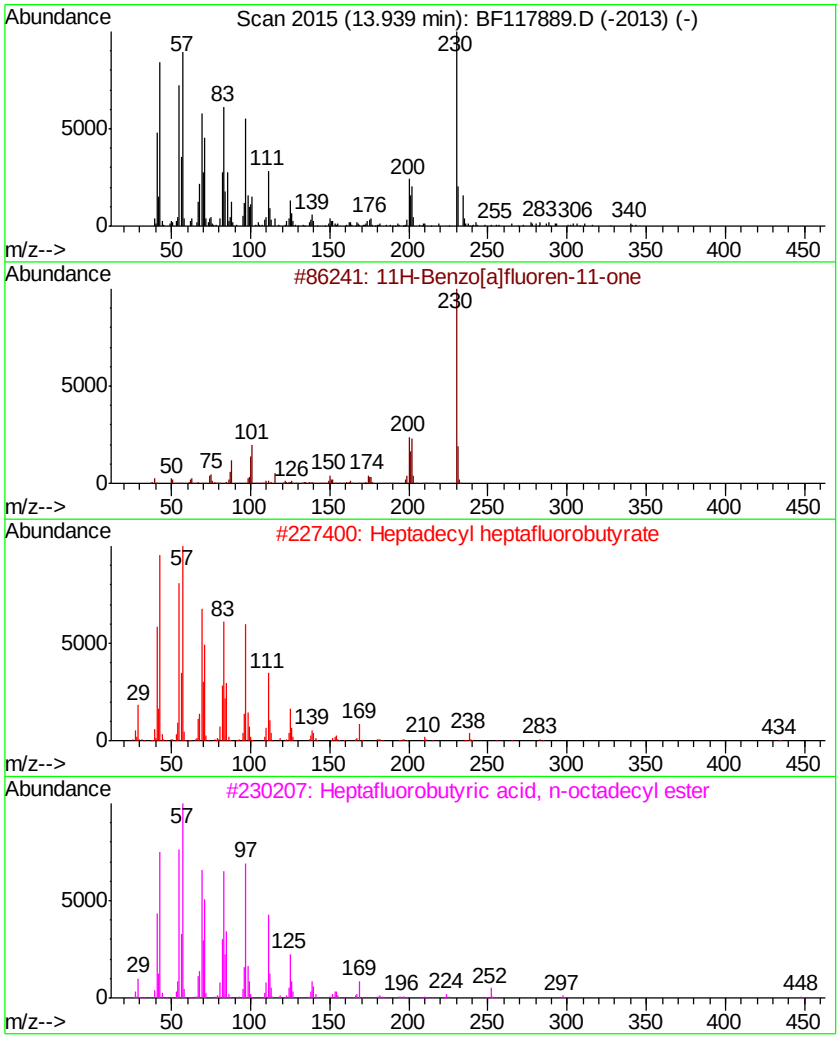
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

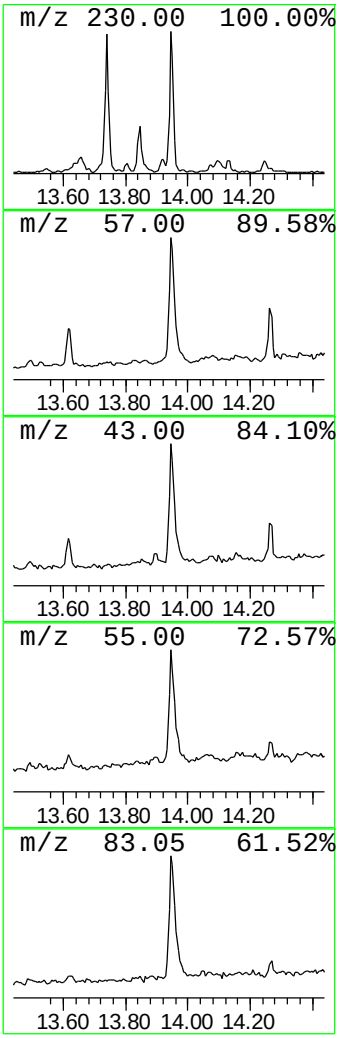
****

Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	7.54 ng	656860	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	56
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	49
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	47
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

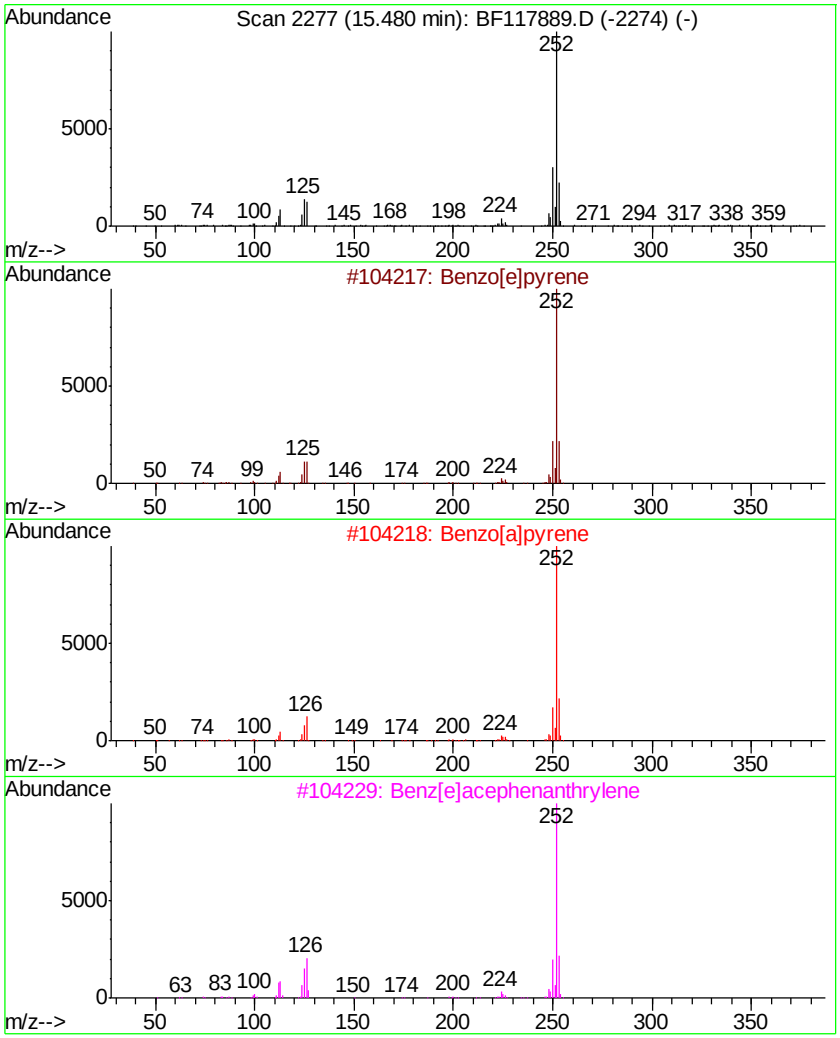
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

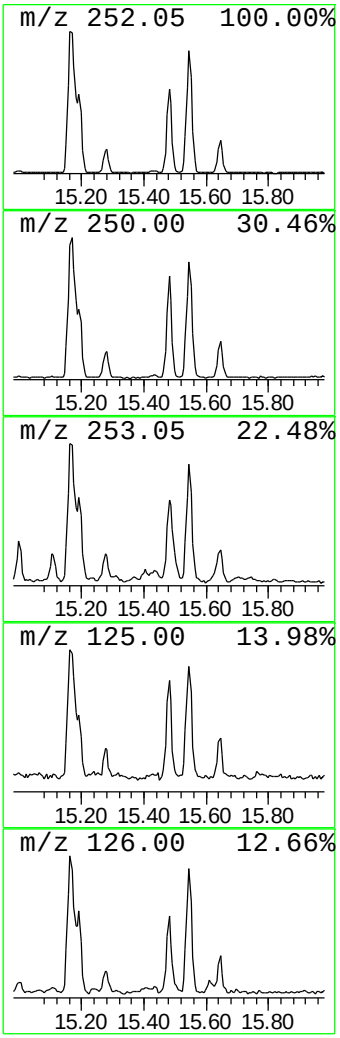
****

Peak Number 13 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	6.31 ng	366272	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112019\
Data File : BF117889.D
Acq On : 20 Nov 2019 13:31
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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
Butane, 2-methoxy...	2.18	18.4	ng	849322	1	6.92	921751	20.0
2-Pentanone, 4-hy...	5.13	13.9	ng	638364	1	6.92	921751	20.0
unknown6.68	6.68	81.8	ng	3770430	1	6.92	921751	20.0
unknown10.17	10.17	2.3	ng	160081	3	9.96	1408370	20.0
Phenanthrene, 2-m...	11.96	3.5	ng	277629	4	11.46	1593240	20.0
n-Hexadecanoic acid	11.98	9.8	ng	784396	4	11.46	1593240	20.0
4H-Cyclopenta[def...	12.07	3.7	ng	298256	4	11.46	1593240	20.0
Phenanthrene, 2,5...	12.51	2.2	ng	178243	4	11.46	1593240	20.0
Octadecanoic acid	12.77	2.6	ng	207967	4	11.46	1593240	20.0
Benzo[b]naphtho[2...	13.85	2.0	ng	175566	5	14.10	1743260	20.0
11H-Benzo[a]fluor...	13.94	7.5	ng	656860	5	14.10	1743260	20.0
Benzo[e]pyrene	15.48	6.3	ng	366272	6	15.62	1160810	20.0