LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117880.D
Acq On : 20 Nov 2019 3:54
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 28 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	2.198	14	19	25	rVB	738875	956042	23.06%	1.976%
2	5.128	503	517	525	rBV	526444	658531	15.88%	1.361%
3	5.528	580	585	588	rBV	3330540	3314383	79.93%	6.849%
4	6.539	751	757	769	rVB	3637104	3715611	89.61%	7.678%
5	6.686	777	782	785	rBV	3763449	3694314	89.10%	7.634%
6	6.916	817	821	824	rBV	1207823	935360	22.56%	1.933%
7	7.075	844	848	851	rBV	3526278	2909582	70.17%	6.013%
8	7.475	909	916	919	rBV	2275491	2237395	53.96%	4.624%
9	8.204	1036	1040	1042	rBV	1414587	1141316	27.53%	2.359%
10	8.222	1042	1043	1047	rVB	99856	67870	1.64%	0.140%
11	8.916	1158	1161	1165	rVB	75656	58550	1.41%	0.121%
12	9.016	1175	1178	1182	rBV	83574	67469	1.63%	0.139%
13	9.280	1219	1223	1226	rBV	4785209	4146416	100.00%	8.569%
14	9.392	1238	1242	1247	rVB2	81534	99829	2.41%	0.206%
15	9.621	1278	1281	1283	rBV	62758	59996	1.45%	0.124%
16	9.674	1287	1290	1294	rVB	713460	559179	13.49%	1.156%
17	9.963	1336	1339	1342	rVV	1359013	1186943	28.63%	2.453%
18	9.998	1342	1345	1348	rVB	134160	112497	2.71%	0.232%
19	10.169	1369	1374	1377	rBV	134400	118805	2.87%	0.246%
20	10.510	1429	1432	1438	rBV2	159674	150886	3.64%	0.312%
21	10.669	1457	1459	1463	rVB	57367	47287	1.14%	0.098%
22	10.757	1469	1474	1477	rBV	2458283	2277341	54.92%	4.706%
23	10.880	1491	1495	1502	rVB2	59659	87828	2.12%	0.181%
24	11.257	1556	1559	1563	rVB	138022	117317	2.83%	0.242%
25	11.316	1563	1569	1572	rVV2	46810	81415	1.96%	0.168%
26	11.351	1572	1575	1580	rVB	108610	100488	2.42%	0.208%
27	11.457	1589	1593	1595	rBV	1329633	1160710	27.99%	2.399%
28	11.480	1595	1597	1600	rVV	1687521	1244142	30.01%	2.571%
29	11.533	1600	1606	1608	rVV	264034	292793	7.06%	0.605%
30	11.563	1608	1611	1614	rVB2	52286	49647	1.20%	0.103%
31	11.680	1626	1631	1634	rBV2	147099	187587	4.52%	0.388%
32	11.751	1640	1643	1647	rVB3	49443	59356	1.43%	0.123%
33	11.957	1672	1678	1680	rBV	186507	225987	5.45%	0.467%
34	11.980	1680	1682	1686	rVV2	532027	594556	14.34%	1.229%

LSC Area Percent Report

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Data File : BF117880.D
Acq On : 20 Nov 2019 3:54
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 28 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	12.033	1689	1691	1694	rVV	83000	72565	1.75%	0.150%
36	12.074	1694	1698	1700	rVV2	236017	278552	6.72%	0.576%
37	12.092	1700	1701	1705	rVB	138408	96360	2.32%	0.199%
38	12.157	1709	1712	1715	rVB2	56178	54863	1.32%	0.113%
39	12.257	1726	1729	1730	rBV	129024	108092	2.61%	0.223%
40	12.274	1730	1732	1737	rVB	170072	162604	3.92%	0.336%
41	12.510	1769	1772	1775	rBV	121654	133227	3.21%	0.275%
42	12.545	1775	1778	1780	rVV2	113070	129202	3.12%	0.267%
43	12.592	1784	1786	1792	rVB	102886	107139	2.58%	0.221%
44	12.674	1796	1800	1803	rBV	1874915	1519837	36.65%	3.141%
45	12.768	1813	1816	1819	rBV2	170456	191512	4.62%	0.396%
46	12.904	1833	1839	1845	rBV	1361507	1337710	32.26%	2.764%
47	12.951	1845	1847	1852	rVB2	76806	91185	2.20%	0.188%
48	13.021	1856	1859	1860	rBV	97890	93591	2.26%	0.193%
49	13.045	1860	1863	1867	rVV	4222308	3946203	95.17%	8.155%
50	13.121	1871	1876	1879	rBV3	99693	166385	4.01%	0.344%
51	13.186	1884	1887	1888	rBV2	67646	60910	1.47%	0.126%
52	13.233	1892	1895	1898	rVB	153800	161823	3.90%	0.334%
53	13.274	1899	1902	1904	rBV3	84904	80020	1.93%	0.165%
54	13.298	1904	1906	1908	rVB	101402	76930	1.86%	0.159%
55	13.333	1908	1912	1915	rBV2	135636	161354	3.89%	0.333%
56	13.427	1926	1928	1931	rBV	60855	53727	1.30%	0.111%
57	13.457	1931	1933	1937	rBV2	74042	87130	2.10%	0.180%
58	13.621	1958	1961	1966	rVB2	51803	63529	1.53%	0.131%
59	13.739	1978	1981	1985	rVB	214846	219340	5.29%	0.453%
60	13.851	1996	2000	2003	rBV2	110912	164862	3.98%	0.341%
61	13.880	2003	2005	2007	rBV	87144	79357	1.91%	0.164%
62	13.945	2013	2016	2019	rBV3	228851	298779	7.21%	0.617%
63	14.104	2038	2043	2046	rBV2	1441641	1867120	45.03%	3.858%
64	14.127	2046	2047	2054	rVB	601448	492532	11.88%	1.018%
65	14.209	2059	2061	2065	rVB	70007	56405	1.36%	0.117%
66	14.262	2068	2070	2073	rVB2	81918	77262	1.86%	0.160%
67	14.527	2112	2115	2116	rBV2	80150	58449	1.41%	0.121%
68	14.568	2120	2122	2127	rVB4	109260	137266	3.31%	0.284%
69	14.892	2175	2177	2180	rBV	86491	85802	2.07%	0.177%
70	14.968	2188	2190	2193	rBV2	93332	96782	2.33%	0.200%
71	15.162	2219	2223	2231	rVB	394532	801246	19.32%	1.656%

LSC Area Percent Report

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Data File : BF117880.D
Acq On : 20 Nov 2019 3:54
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 28 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

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Peak separation: 5

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

72	15.480	2275	2277	2284	rVB	208216	282098	6.80%	0.583%
73	15.545	2284	2288	2292	rBV	295255	368513	8.89%	0.762%
74	15.615	2295	2300	2303	rBV	661435	824948	19.90%	1.705%
75	16.362	2423	2427	2435	rVB3	88664	186421	4.50%	0.385%
76	17.139	2555	2559	2567	rVB2	114816	224334	5.41%	0.464%
77	17.592	2634	2636	2642	rVB2	65766	117206	2.83%	0.242%

Sum of corrected areas: 48390600

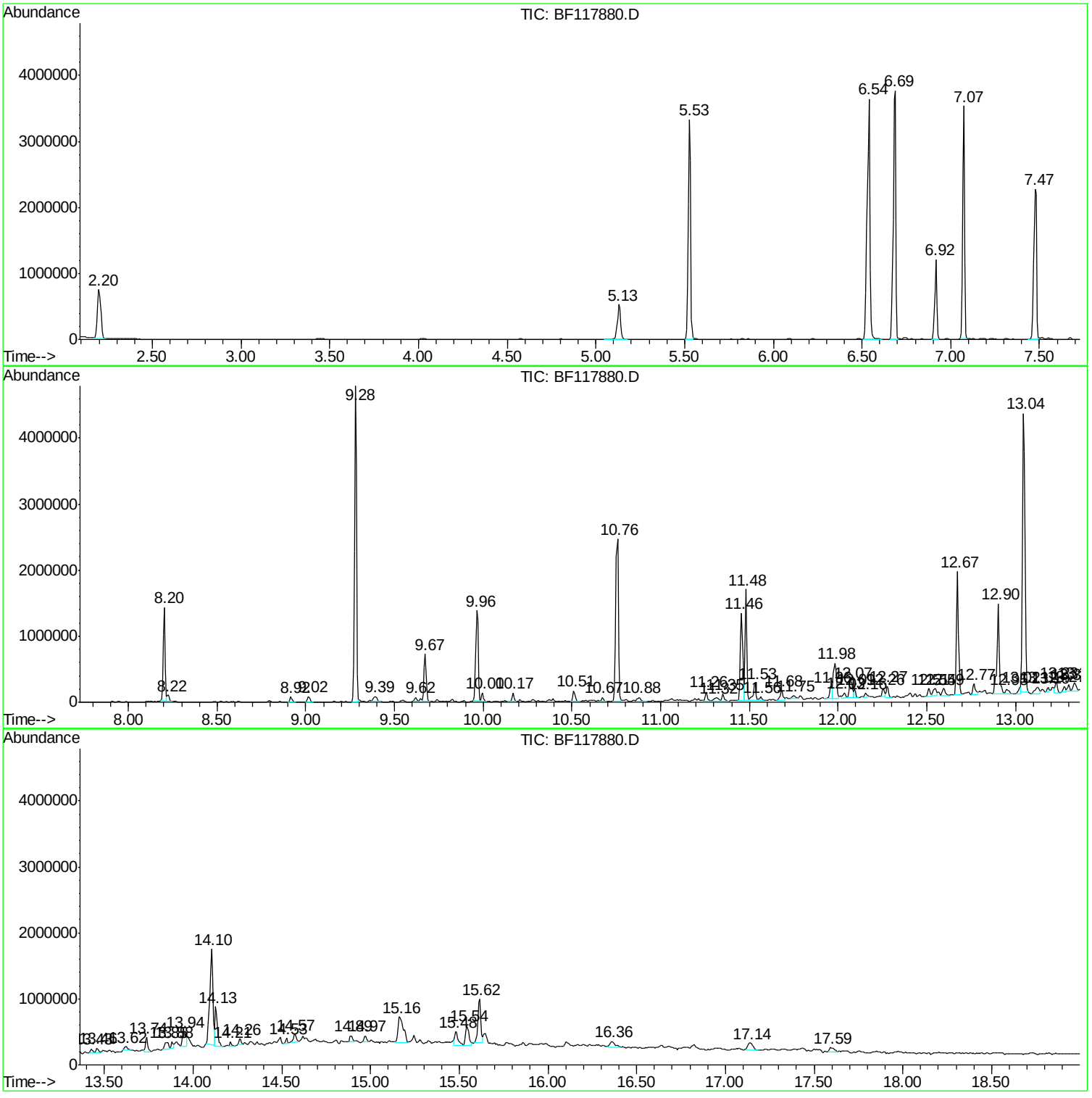
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117880.D
Acq On : 20 Nov 2019 3:54
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 28 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\BF111919\
Data File : BF117880.D
Acq On : 20 Nov 2019 3:54
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 28 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

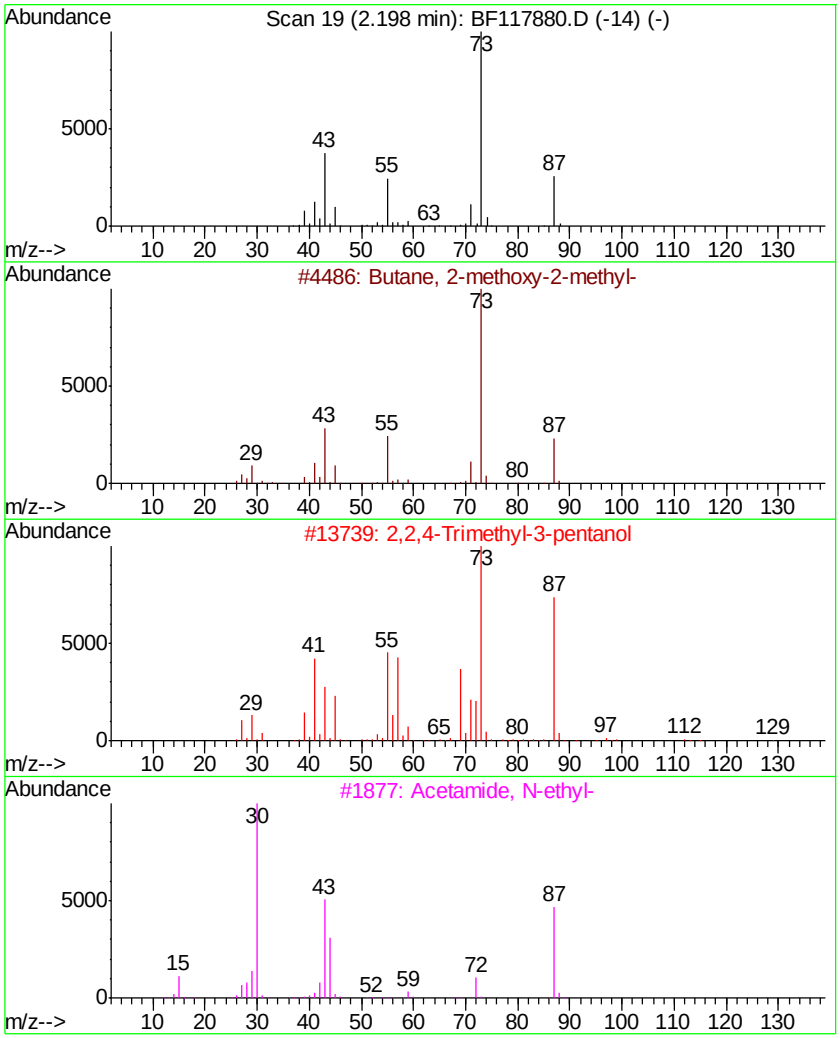
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

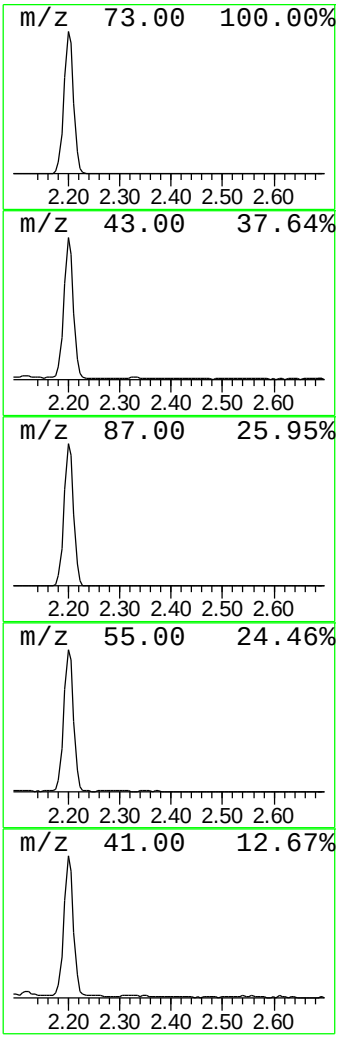
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	20.44 ng	956042	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117880.D
Acq On : 20 Nov 2019 3:54
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 28 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

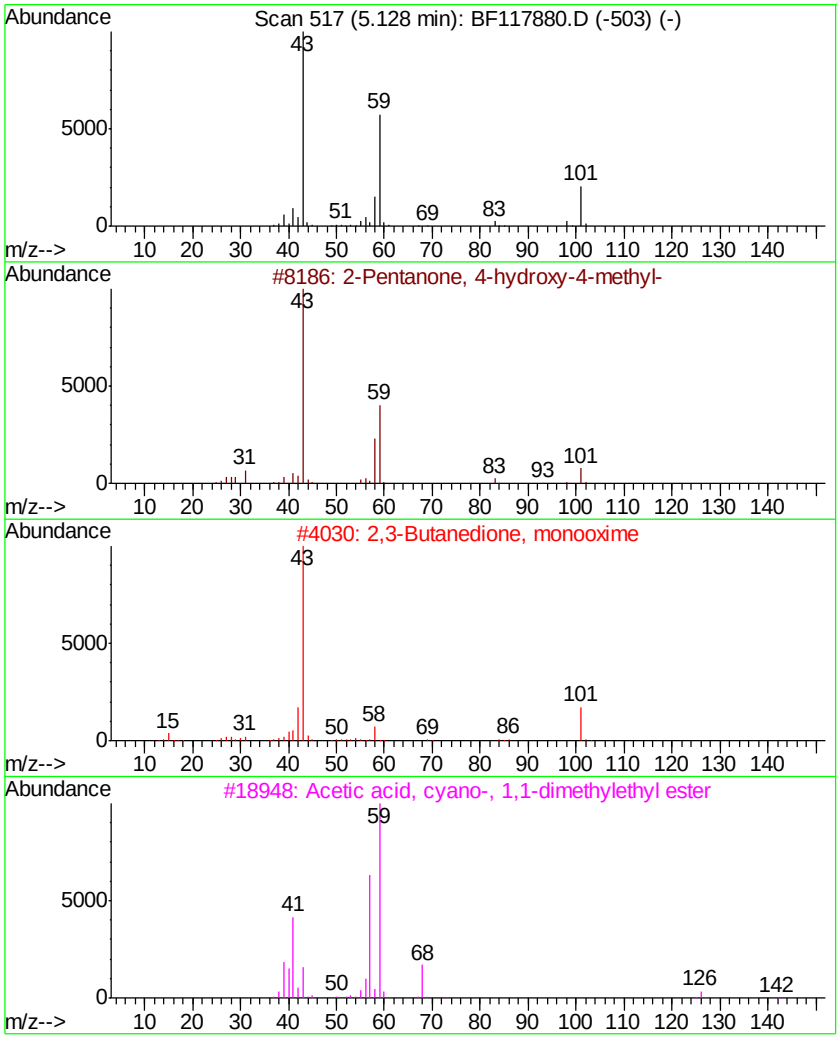
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

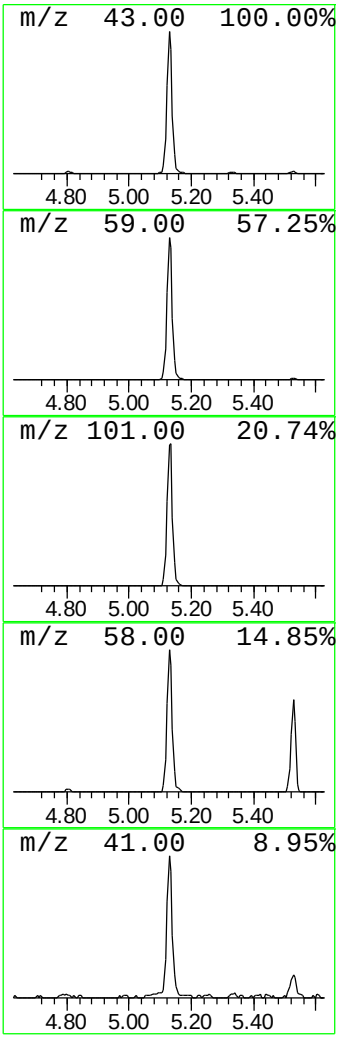
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	14.08 ng	658531	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	40
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117880.D
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Misc :
ALS Vial : 28 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

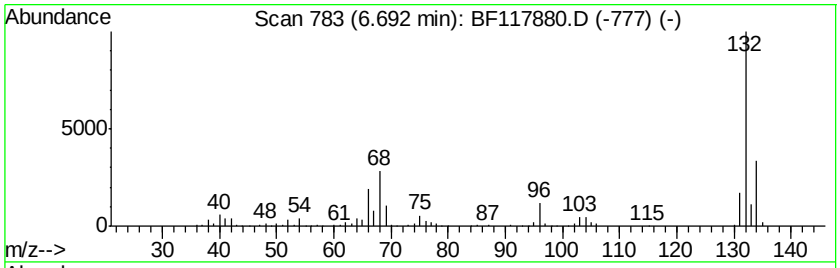
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

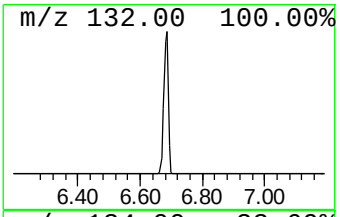
****

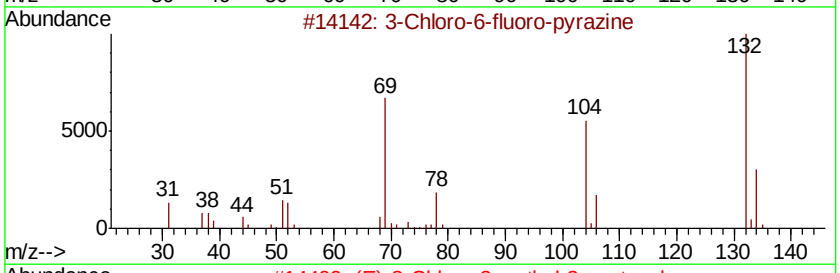
Peak Number 3 unknown6.69 Concentration Rank 1

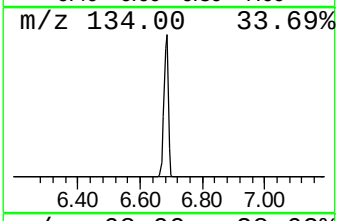
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	78.99 ng	3694310	1,4-Dichlorobenzene-d4	6.92

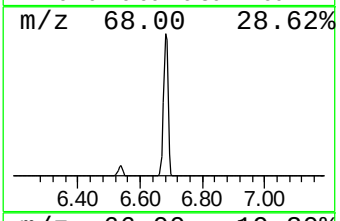
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9

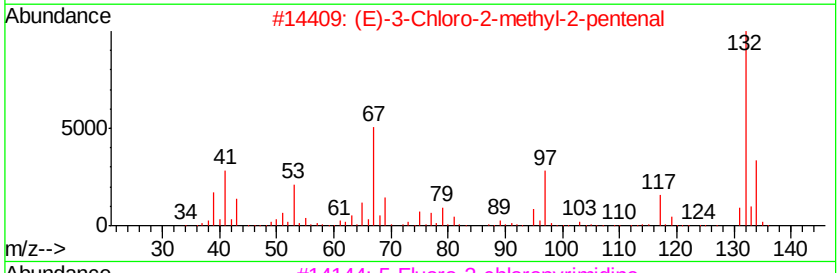


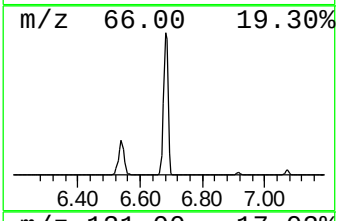


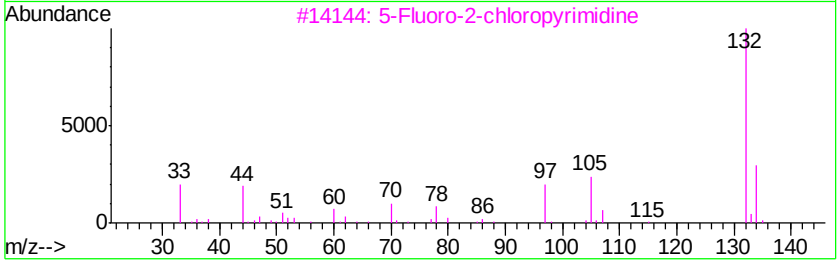


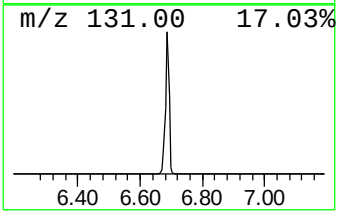












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Instrument : BNA_F
ClientSampleId : B-8-2-(6-12)

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

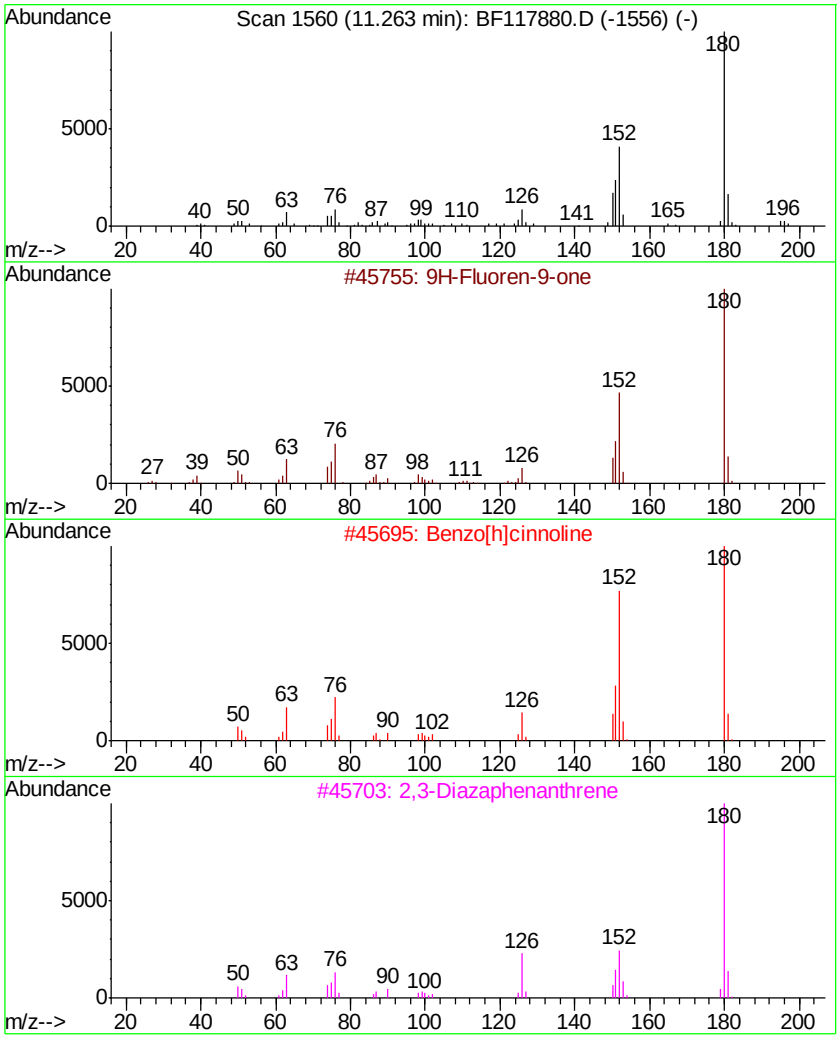
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

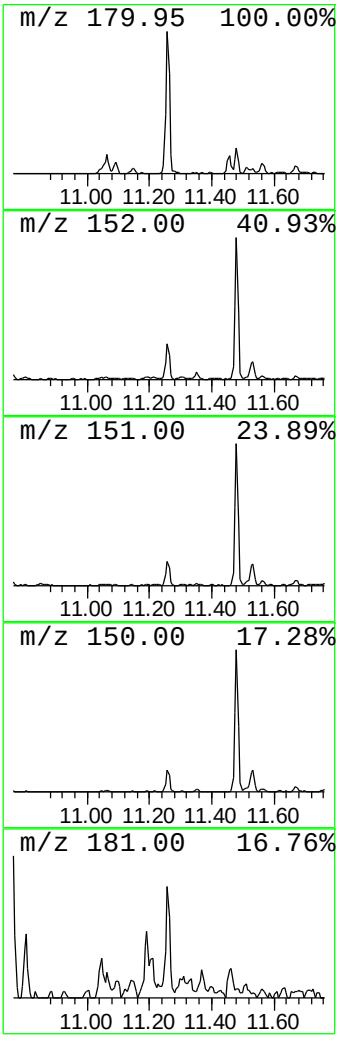
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	2.02 ng	117317	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
3	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
5	1,7-Phenanthroline	180	C12H8N2	000230-46-6	47





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Data File : BF117880.D
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Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 28 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

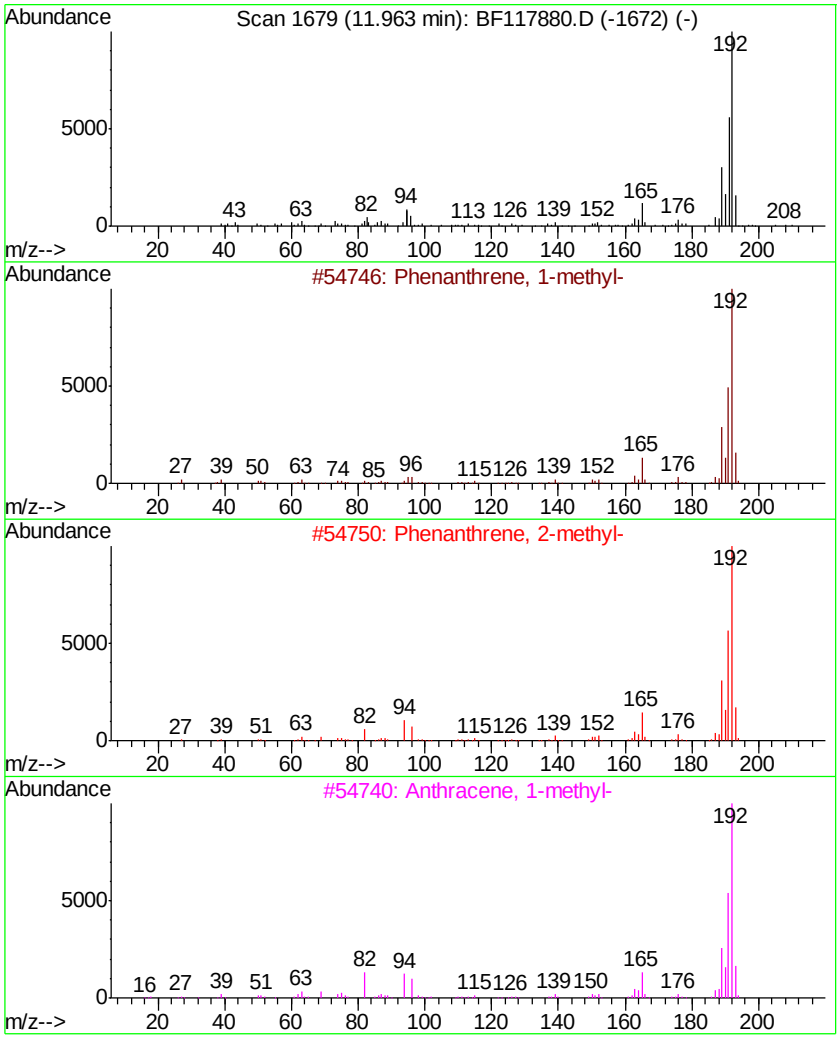
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

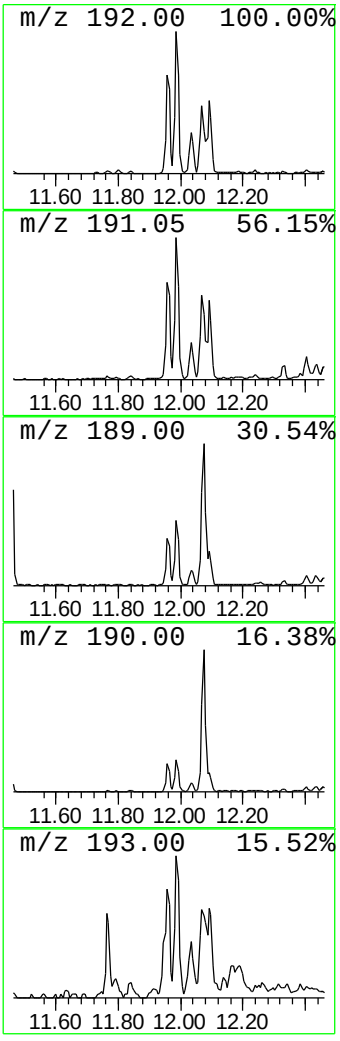
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.89 ng	225987	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Data File : BF117880.D
Acq On : 20 Nov 2019 3:54
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 28 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

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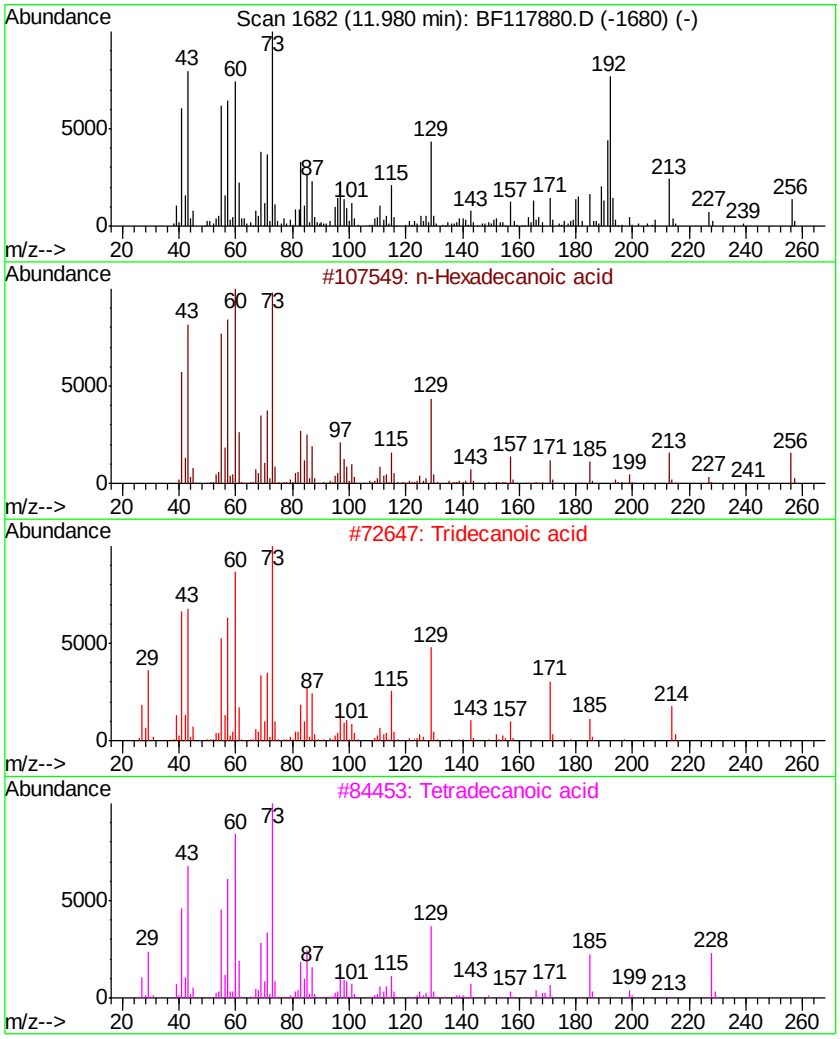
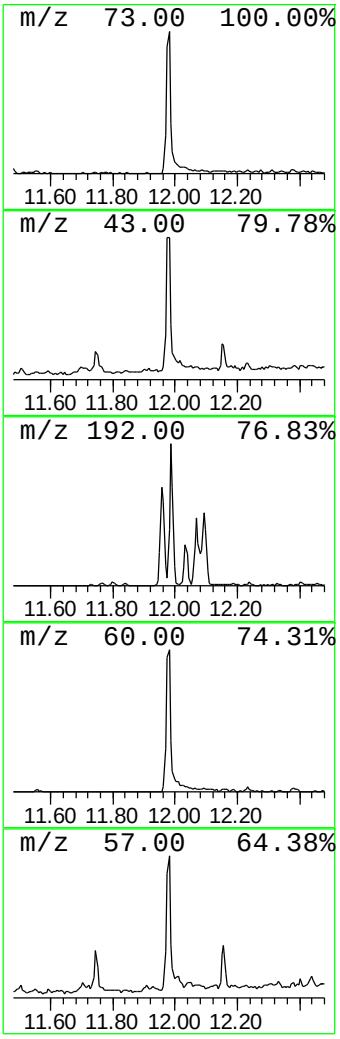
Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	10.24 ng	594556	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50





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Operator : JU
Sample : K5908-03
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ALS Vial : 28 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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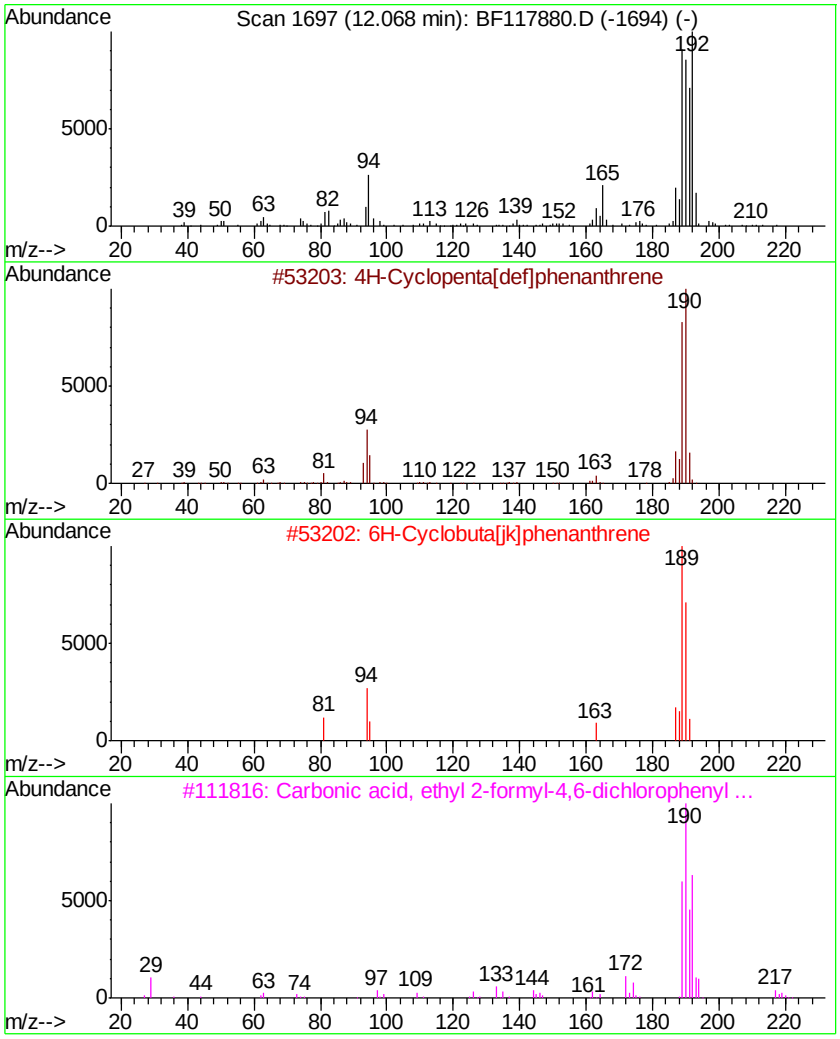
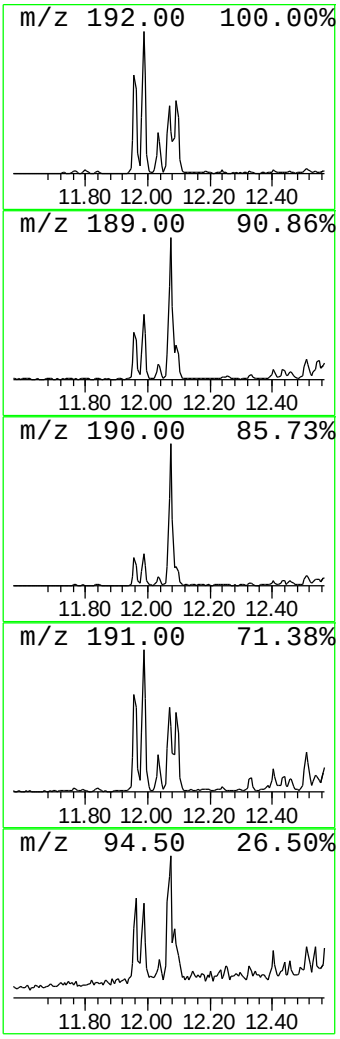
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.80 ng	278552	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17





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Operator : JU
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ClientSampleId : B-8-2-(6-12)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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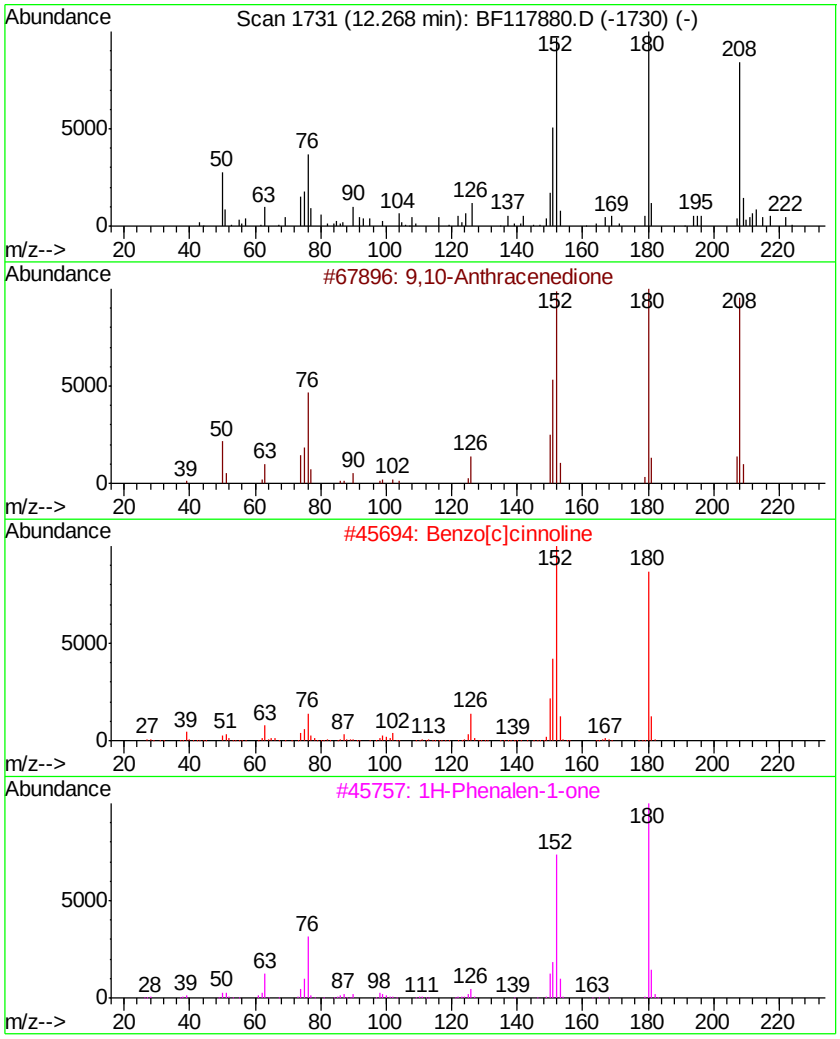
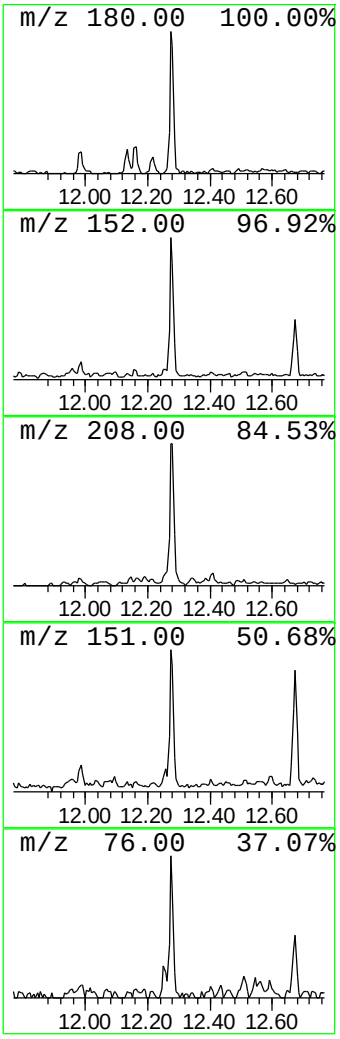
Peak Number 10 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.80 ng	162604	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	50





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Acq On : 20 Nov 2019 3:54
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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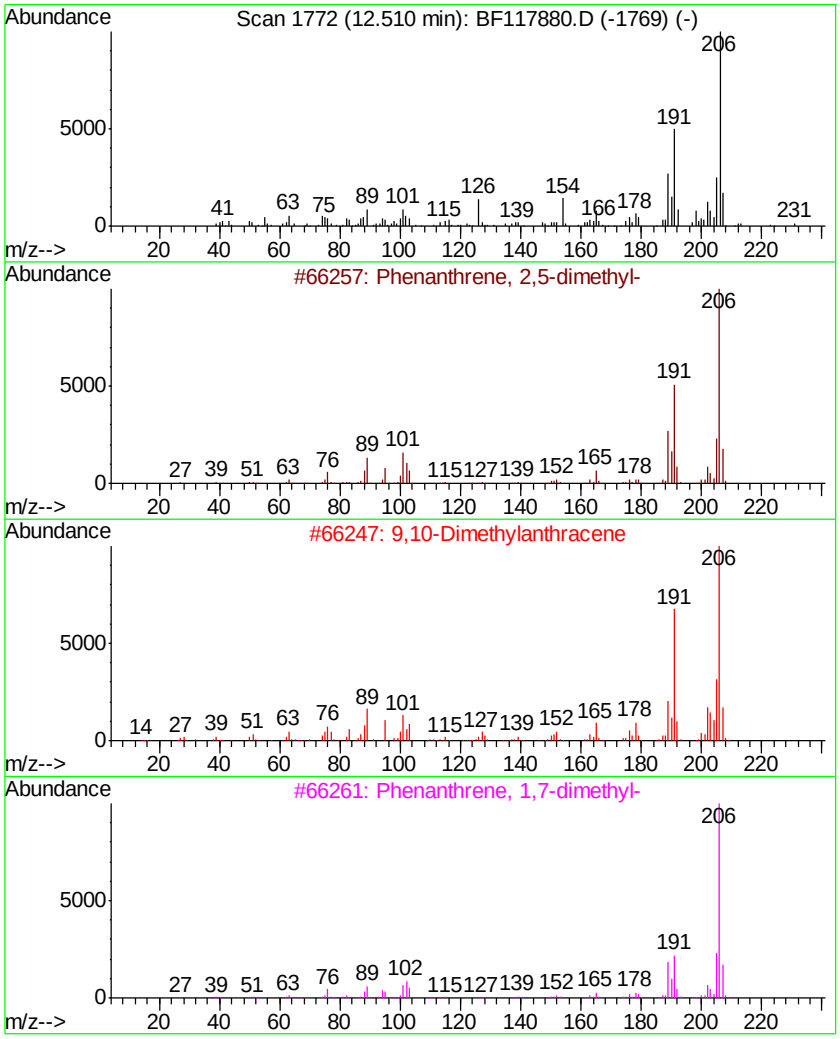
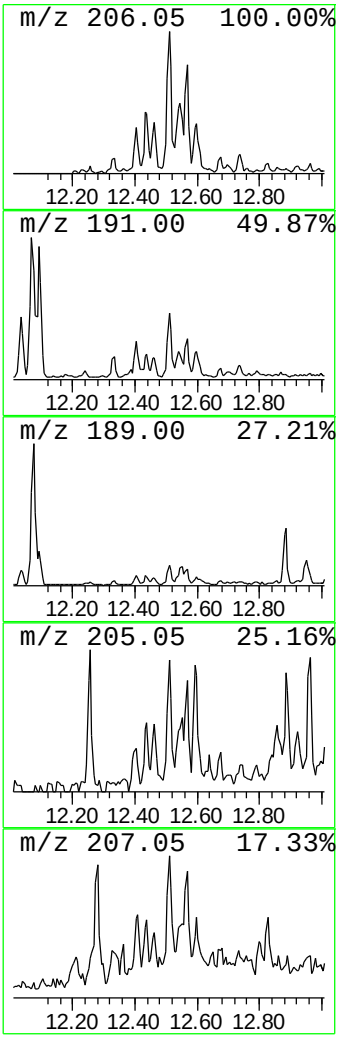
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.30 ng	133227	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





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Misc :
ALS Vial : 28 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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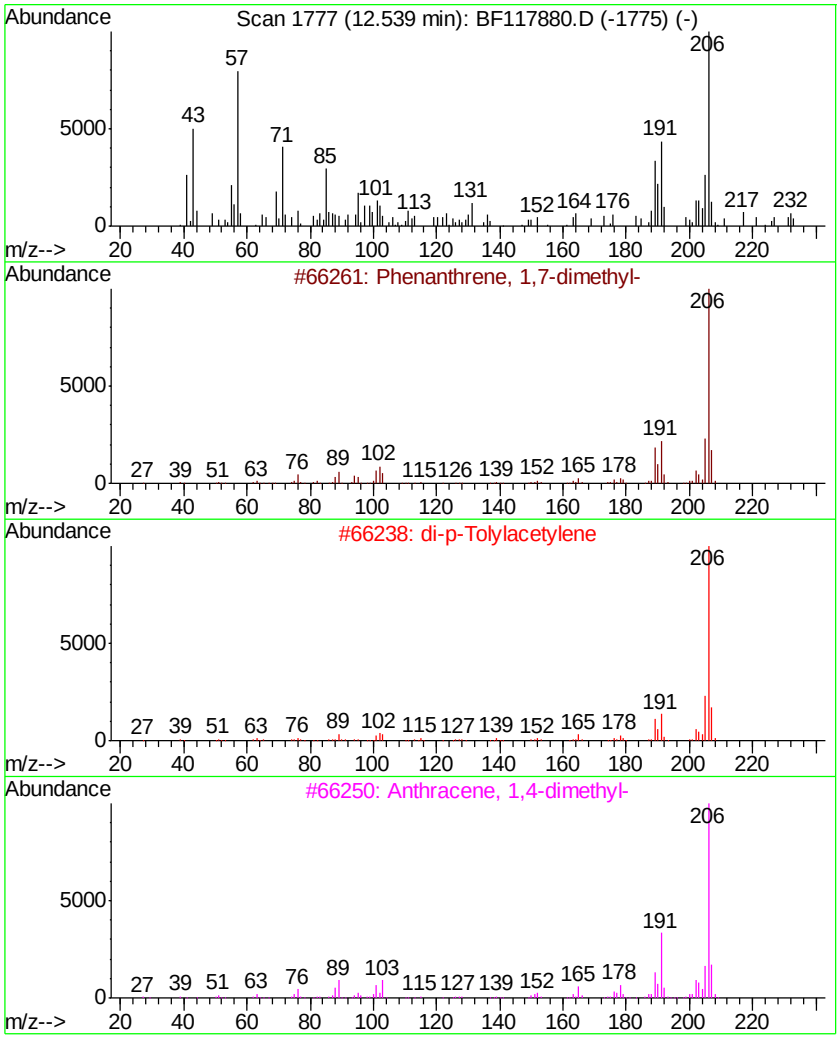
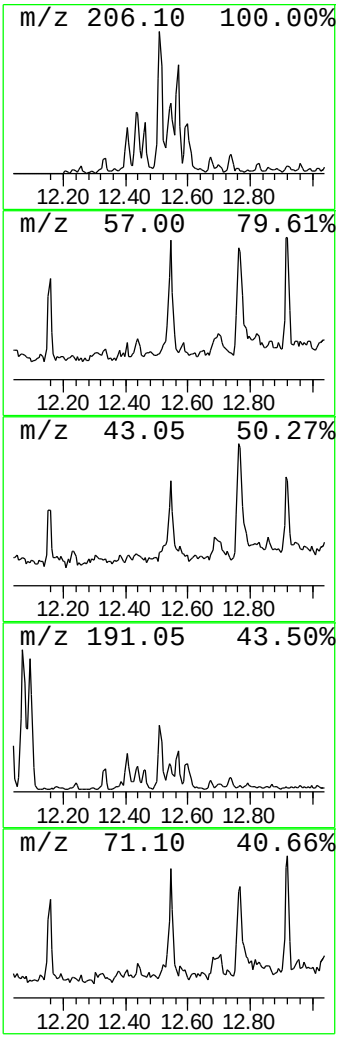
Peak Number 12 unknown12.54 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.23 ng	129202	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	46
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	46
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	46
4	1,2-Dihydro-3-phenylnaphthalene	206	C16H14	020669-52-7	42
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38





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Sample : K5908-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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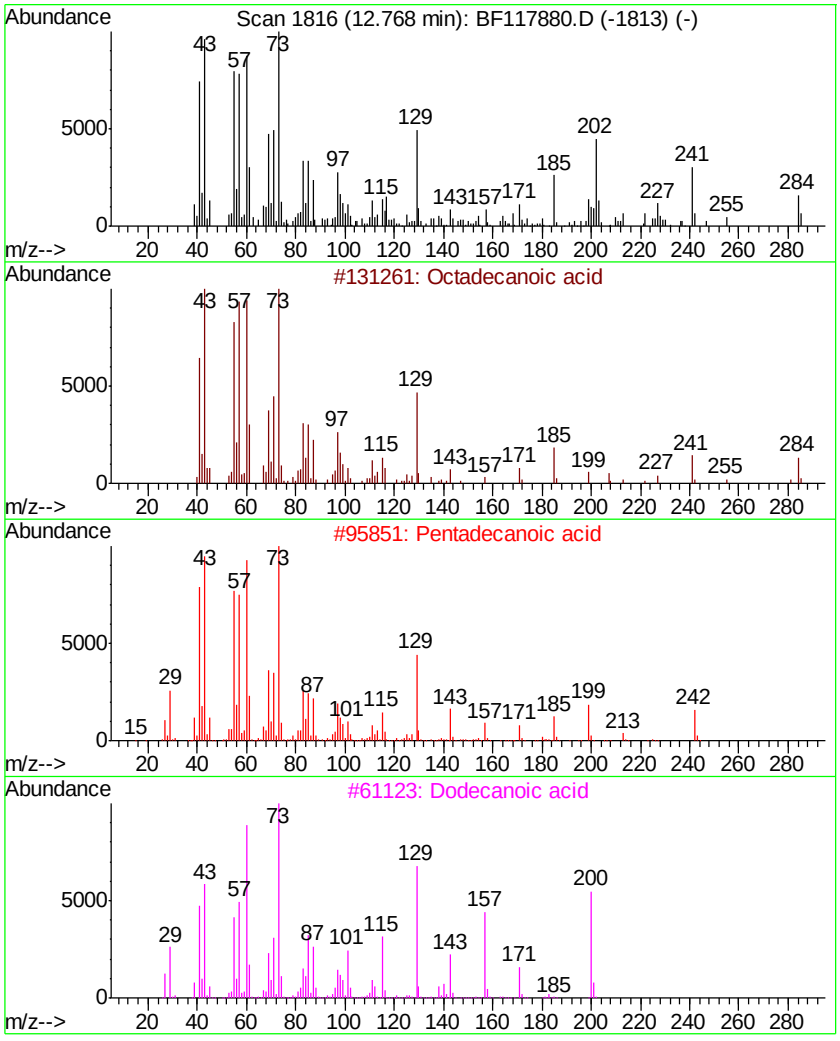
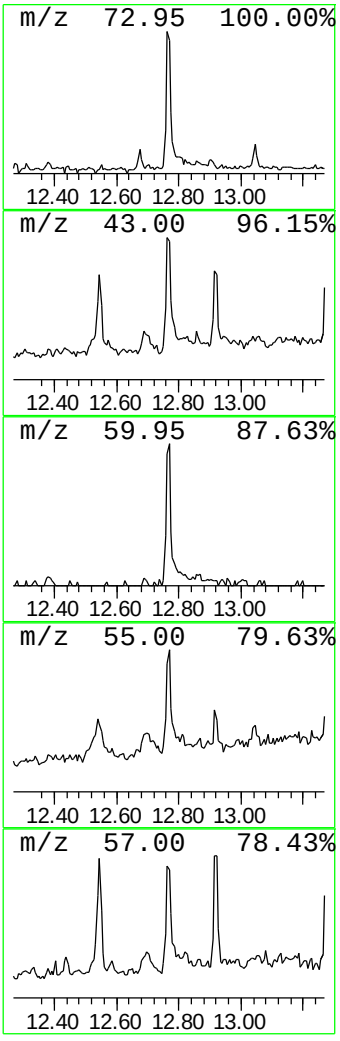
Peak Number 13 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	3.30 ng	191512	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	94
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





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Sample : K5908-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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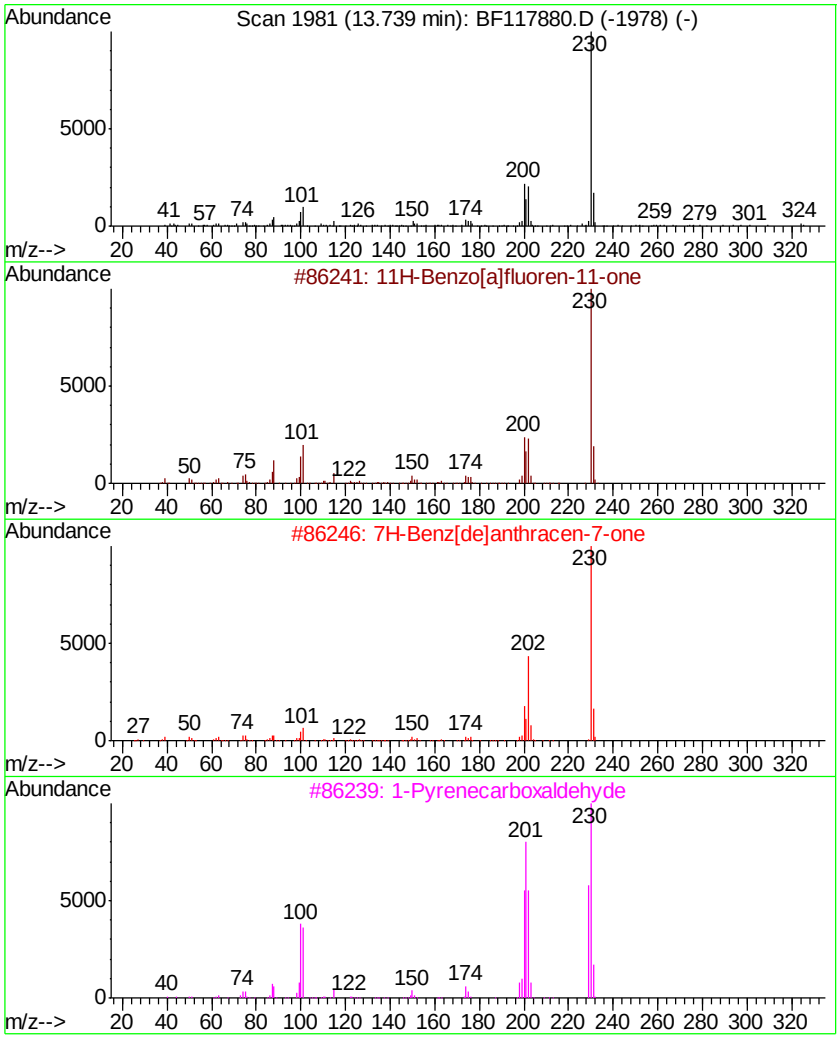
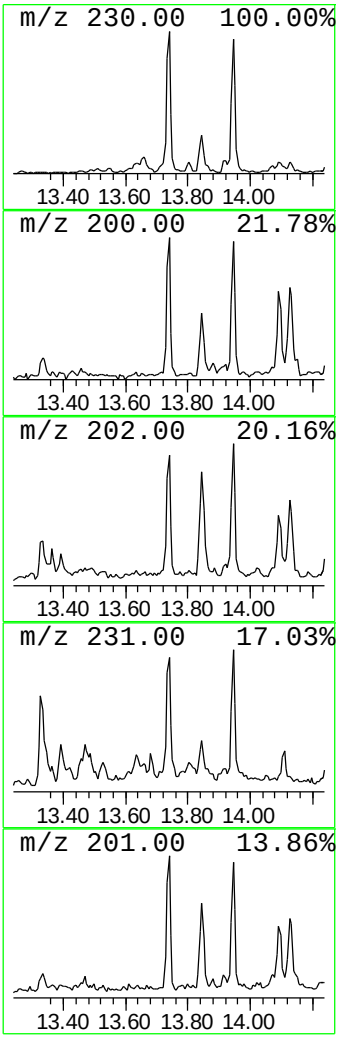
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.35 ng	219340	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	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	80
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53





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Sample : K5908-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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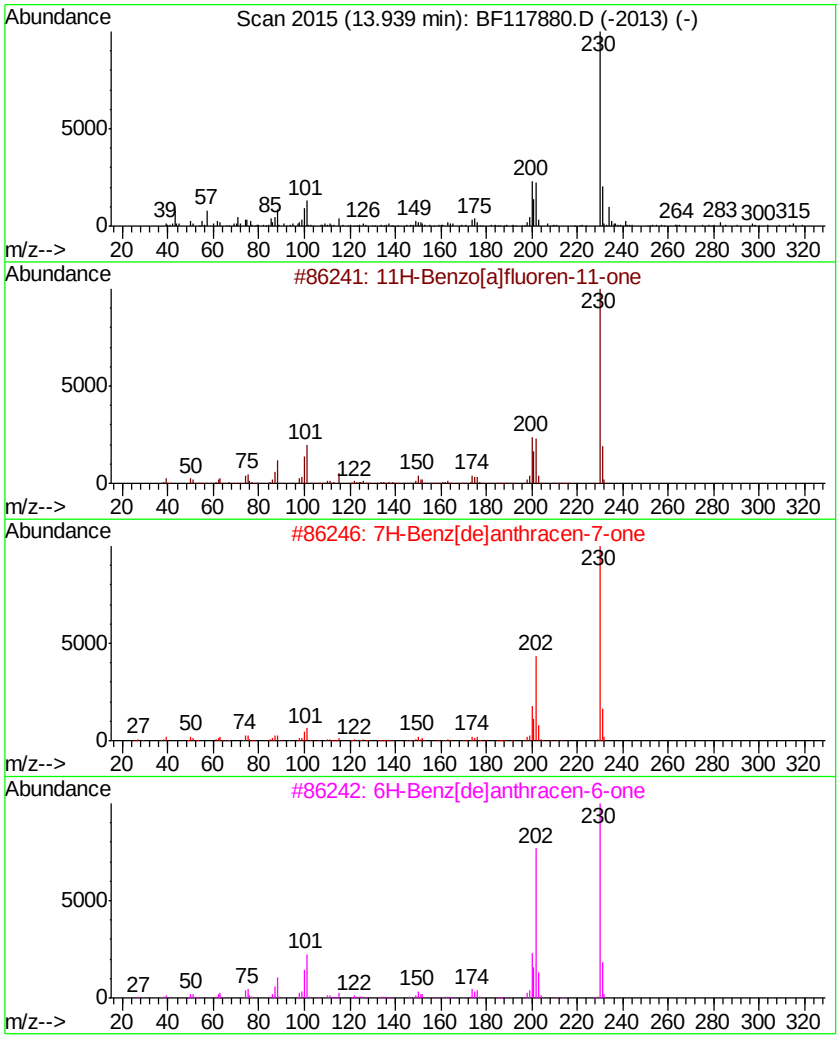
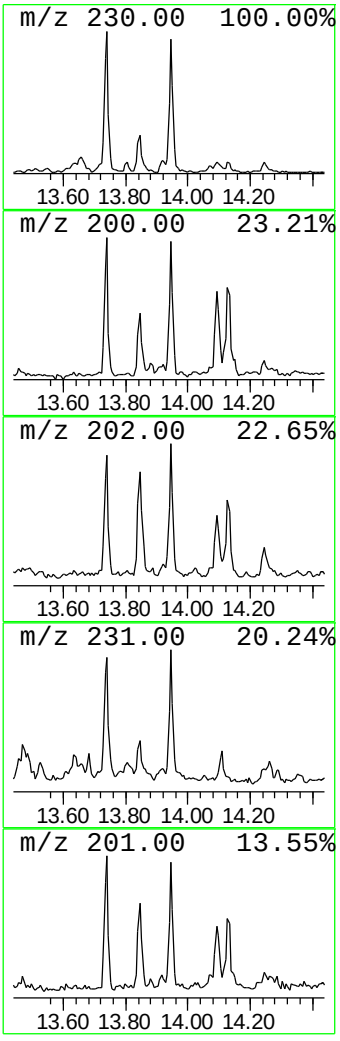
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.20 ng	298779	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	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53
4	5,6-Dihydrochrysene	230	C18H14	002091-92-1	50
5	o-Terphenyl	230	C18H14	000084-15-1	50





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ALS Vial : 28 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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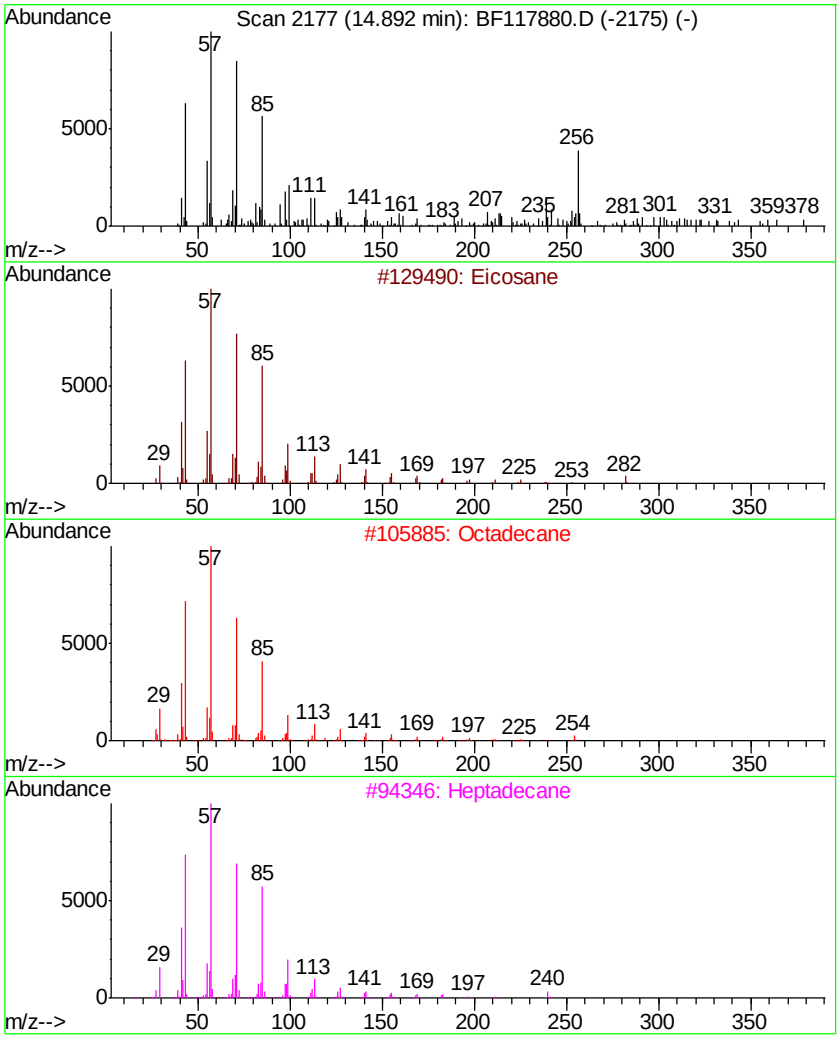
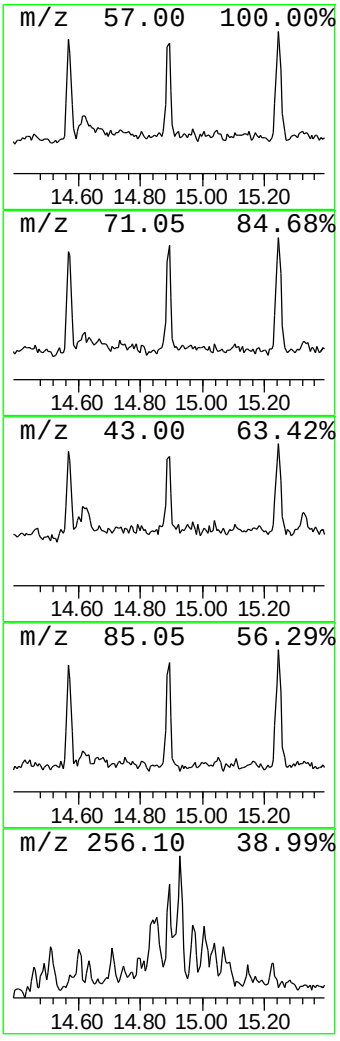
Peak Number 16 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.08 ng	85802	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Octadecane	254	C18H38	000593-45-3	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Docosane	310	C22H46	000629-97-0	83
5	Hexadecane	226	C16H34	000544-76-3	83





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ALS Vial : 28 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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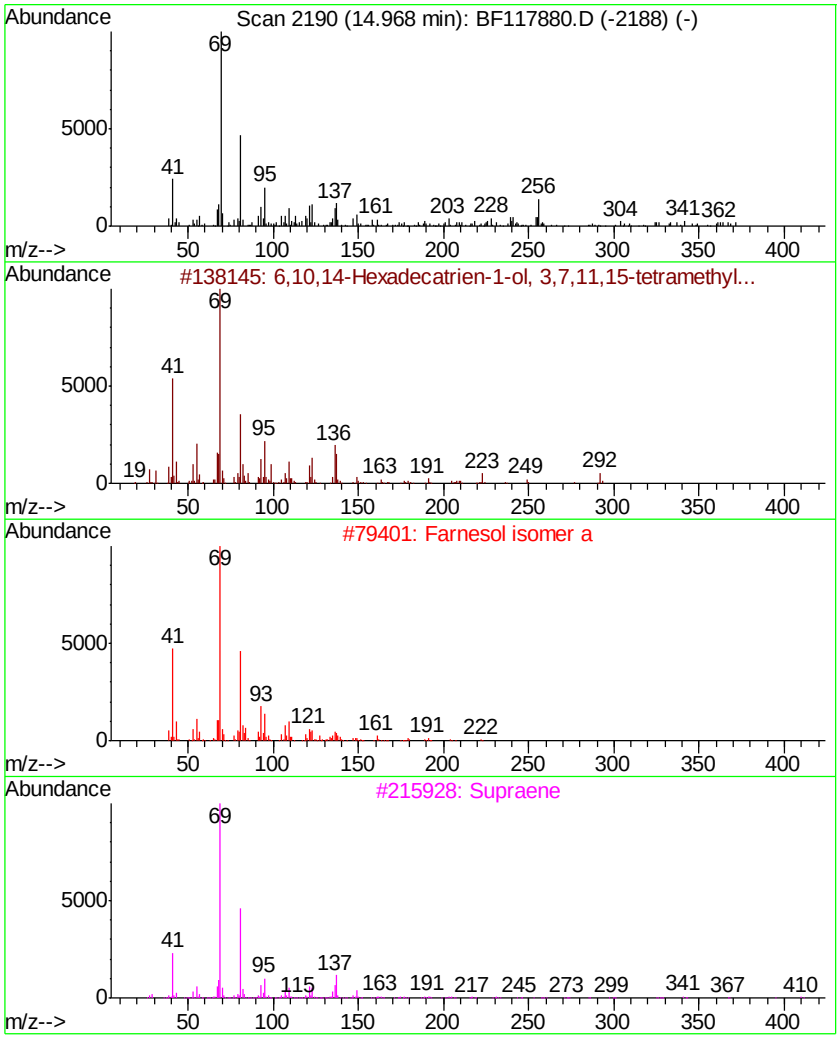
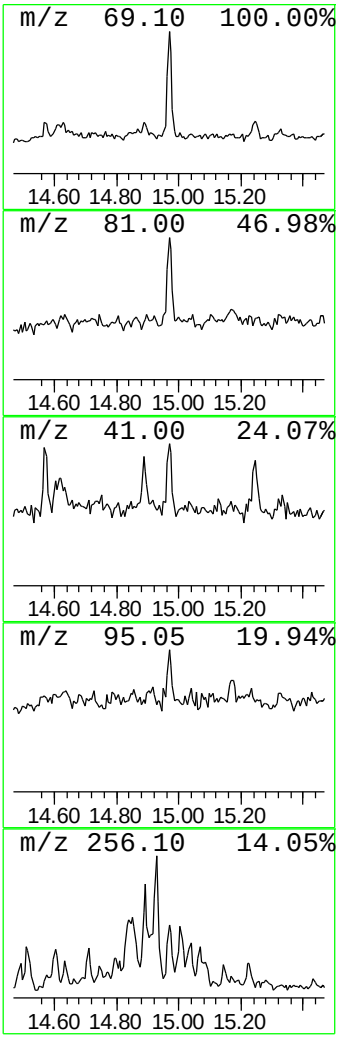
Peak Number 17 6,10,14-Hexadecatrien-1-ol,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.35 ng	96782	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,10,14-Hexadecatrien-1-ol, 3,7,...	292	C20H36O	036237-66-8	83
2	Farnesol isomer a	222	C15H26O	1000108-92-4	74
3	Supraene	410	C30H50	007683-64-9	74
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72
5	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	72





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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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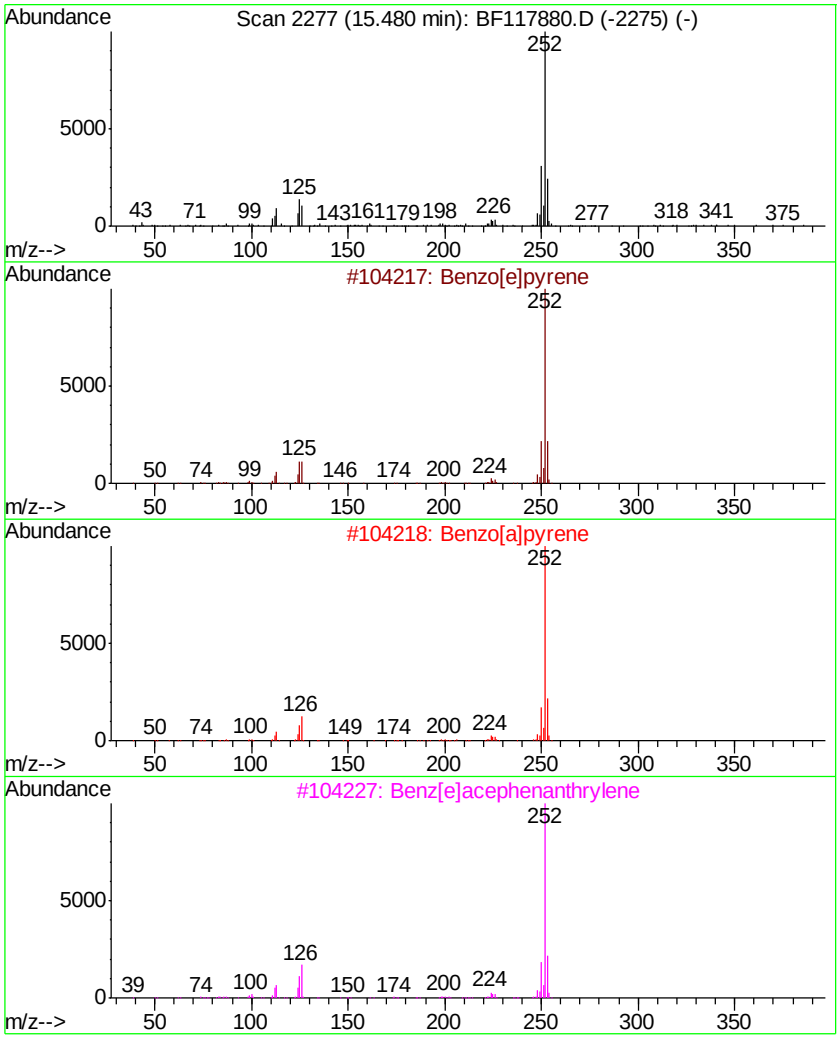
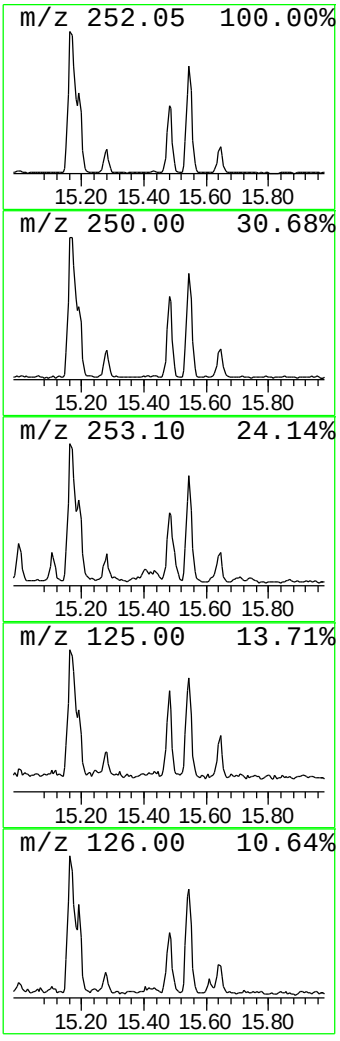
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	6.84 ng	282098	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





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Acq On : 20 Nov 2019 3:54
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 28 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

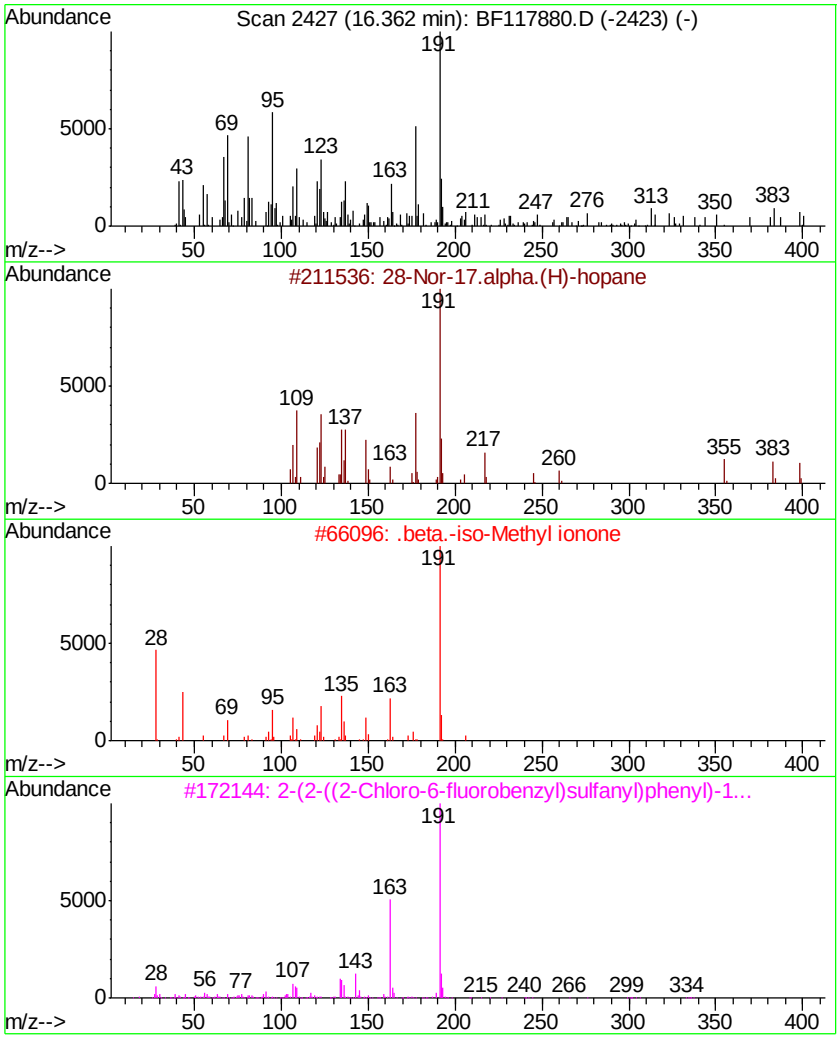
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

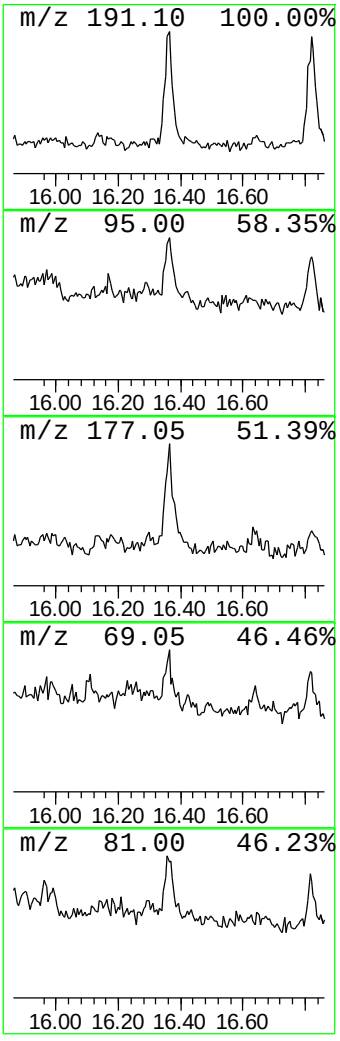
****

Peak Number 19 28-Nor-17.alpha.(H)-hopane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	4.52 ng	186421	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	76
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
3	2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	35
4	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	30
5	Propenamide, 3-(3,4-dimethoxyphe...	313	C18H19NO4	339165-72-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111919\
Data File : BF117880.D
Acq On : 20 Nov 2019 3:54
Operator : JU
Sample : K5908-03
Misc :
ALS Vial : 28 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...	2.20	20.4	ng	956042	1	6.92	935360	20.0
2-Pentanone, 4-hy...	5.13	14.1	ng	658531	1	6.92	935360	20.0
unknown6.69	6.69	79.0	ng	3694310	1	6.92	935360	20.0
9H-Fluoren-9-one	11.26	2.0	ng	117317	4	11.46	1160710	20.0
Phenanthrene, 1-m...	11.96	3.9	ng	225987	4	11.46	1160710	20.0
n-Hexadecanoic acid	11.98	10.2	ng	594556	4	11.46	1160710	20.0
4H-Cyclopenta[def...	12.07	4.8	ng	278552	4	11.46	1160710	20.0
9,10-Anthracenedione	12.27	2.8	ng	162604	4	11.46	1160710	20.0
Phenanthrene, 2,5...	12.51	2.3	ng	133227	4	11.46	1160710	20.0
unknown12.54	12.54	2.2	ng	129202	4	11.46	1160710	20.0
Octadecanoic acid	12.77	3.3	ng	191512	4	11.46	1160710	20.0
11H-Benzo[a]fluor...	13.74	2.4	ng	219340	5	14.10	1867120	20.0
7H-Benz[de]anthra...	13.94	3.2	ng	298779	5	14.10	1867120	20.0
Eicosane	14.89	2.1	ng	85802	6	15.62	824948	20.0
6,10,14-Hexadecat...	14.97	2.4	ng	96782	6	15.62	824948	20.0
Benzo[e]pyrene	15.48	6.8	ng	282098	6	15.62	824948	20.0
28-Nor-17.alpha.(...	16.36	4.5	ng	186421	6	15.62	824948	20.0