LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098692.D
Acq On : 22 Sep 2017 11:39
Operator : SJ/JU
Sample : I5293-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-L-SIDE-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF092117.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	2.257	25	29	46	rVB2	112014	242175	5.95%	0.575%
2	5.163	519	523	536	rVB	543203	704760	17.31%	1.673%
3	5.551	583	589	592	rBV	3706630	3942963	96.83%	9.358%
4	6.551	752	759	763	rBV	3407568	3995288	98.12%	9.482%
5	6.698	779	784	787	rBV	3969211	3961600	97.29%	9.402%
6	6.928	819	823	826	rBV	1176102	950674	23.35%	2.256%
7	7.086	845	850	853	rBV	3275082	3001805	73.72%	7.124%
8	7.486	907	918	921	rBV	2326540	2481114	60.93%	5.888%
9	8.210	1037	1041	1043	rBV	1392382	1224503	30.07%	2.906%
10	8.228	1043	1044	1047	rVB	127126	72393	1.78%	0.172%
11	8.916	1159	1161	1165	rVB	97163	78162	1.92%	0.185%
12	9.016	1174	1178	1182	rVB	68948	58272	1.43%	0.138%
13	9.280	1218	1223	1227	rBV	4100605	4071999	100.00%	9.664%
14	9.357	1232	1236	1238	rBV2	50190	43690	1.07%	0.104%
15	9.622	1278	1281	1283	rBV2	42526	42187	1.04%	0.100%
16	9.669	1286	1289	1293	rVB	402056	329524	8.09%	0.782%
17	9.886	1321	1326	1329	rVB	53779	50062	1.23%	0.119%
18	9.963	1329	1339	1343	rBV	1409571	1246996	30.62%	2.959%
19	10.163	1368	1373	1376	rVB2	70362	73853	1.81%	0.175%
20	10.386	1409	1411	1414	rVB	91708	65756	1.61%	0.156%
21	10.504	1428	1431	1437	rBV4	44558	59742	1.47%	0.142%
22	10.604	1444	1448	1454	rVB3	34020	53852	1.32%	0.128%
23	10.751	1467	1473	1476	rBV	2240415	2084340	51.19%	4.947%
24	10.857	1489	1491	1492	rBV	103956	82985	2.04%	0.197%
25	11.022	1515	1519	1521	rBV4	43602	47876	1.18%	0.114%
26	11.180	1542	1546	1548	rBV3	35232	42288	1.04%	0.100%
27	11.251	1555	1558	1561	rBV	92567	74877	1.84%	0.178%
28	11.304	1562	1567	1570	rVV2	89722	90739	2.23%	0.215%
29	11.345	1570	1574	1578	rVB2	69862	86860	2.13%	0.206%
30	11.404	1580	1584	1588	rBV	126626	120005	2.95%	0.285%
31	11.451	1588	1592	1594	rBV	1128180	1084522	26.63%	2.574%
32	11.474	1594	1596	1599	rVV	739557	585308	14.37%	1.389%
33	11.521	1599	1604	1607	rVV	181060	156887	3.85%	0.372%
34	11.551	1607	1609	1613	rVB	94828	84752	2.08%	0.201%

LSC Area Percent Report

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Instrument : BNA_F
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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:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.733	1637	1640	1645	rVB2	47622	50105	1.23%	0.119%
36	11.945	1670	1676	1678	rBV2	114569	155232	3.81%	0.368%
37	11.974	1678	1681	1685	rVB2	168312	227163	5.58%	0.539%
38	12.057	1692	1695	1698	rBV2	84342	105939	2.60%	0.251%
39	12.080	1698	1699	1703	rVB	69521	47878	1.18%	0.114%
40	12.139	1706	1709	1713	rVB3	42972	43514	1.07%	0.103%
41	12.245	1724	1727	1728	rBV	83768	66887	1.64%	0.159%
42	12.263	1728	1730	1736	rVB3	83091	86190	2.12%	0.205%
43	12.498	1767	1770	1773	rBV	54438	55933	1.37%	0.133%
44	12.527	1773	1775	1778	rVV3	57717	53080	1.30%	0.126%
45	12.580	1781	1784	1788	rVB	119956	101134	2.48%	0.240%
46	12.663	1794	1798	1801	rBV	992805	859948	21.12%	2.041%
47	12.751	1810	1813	1817	rBV2	115282	120816	2.97%	0.287%
48	12.868	1831	1833	1834	rBV	127252	103713	2.55%	0.246%
49	12.892	1834	1837	1842	rVB	837847	746787	18.34%	1.772%
50	12.939	1842	1845	1850	rVB2	38736	55139	1.35%	0.131%
51	13.033	1854	1861	1864	rBV	3263760	3059877	75.14%	7.262%
52	13.104	1869	1873	1877	rBV4	70790	130162	3.20%	0.309%
53	13.192	1886	1888	1890	rBV3	39966	43573	1.07%	0.103%
54	13.215	1890	1892	1896	rVB2	70607	59077	1.45%	0.140%
55	13.321	1906	1910	1912	rBV2	87603	98321	2.41%	0.233%
56	13.410	1923	1925	1928	rBV	43665	45638	1.12%	0.108%
57	13.721	1975	1978	1983	rVB	144695	131662	3.23%	0.312%
58	13.863	2000	2002	2004	rBV	63086	50838	1.25%	0.121%
59	13.886	2004	2006	2009	rVV2	63724	80132	1.97%	0.190%
60	13.921	2009	2012	2019	rVB2	184216	265720	6.53%	0.631%
61	14.086	2032	2040	2043	rBV3	1195854	1717007	42.17%	4.075%
62	14.110	2043	2044	2051	rVB	404403	312640	7.68%	0.742%
63	15.139	2215	2219	2222	rBV	309355	501298	12.31%	1.190%
64	15.451	2269	2272	2278	rVB	182331	213882	5.25%	0.508%
65	15.509	2279	2282	2289	rBV	230447	319477	7.85%	0.758%
66	15.580	2290	2294	2298	rBV	723535	934724	22.95%	2.218%

Sum of corrected areas: 42136295

LSC Report - Integrated Chromatogram

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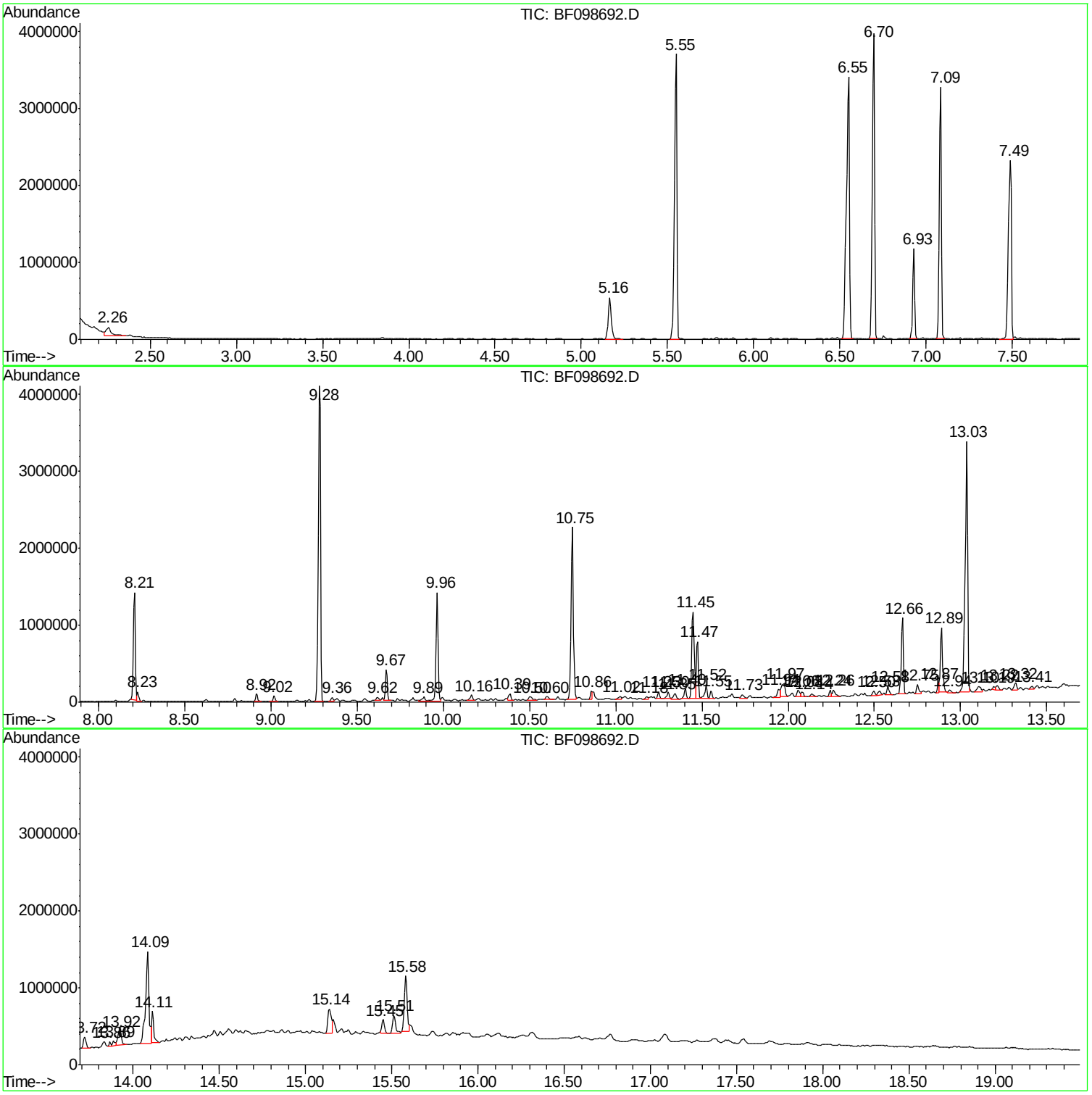
Instrument : BNA_F
ClientSampleId : SP-B-L-SIDE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.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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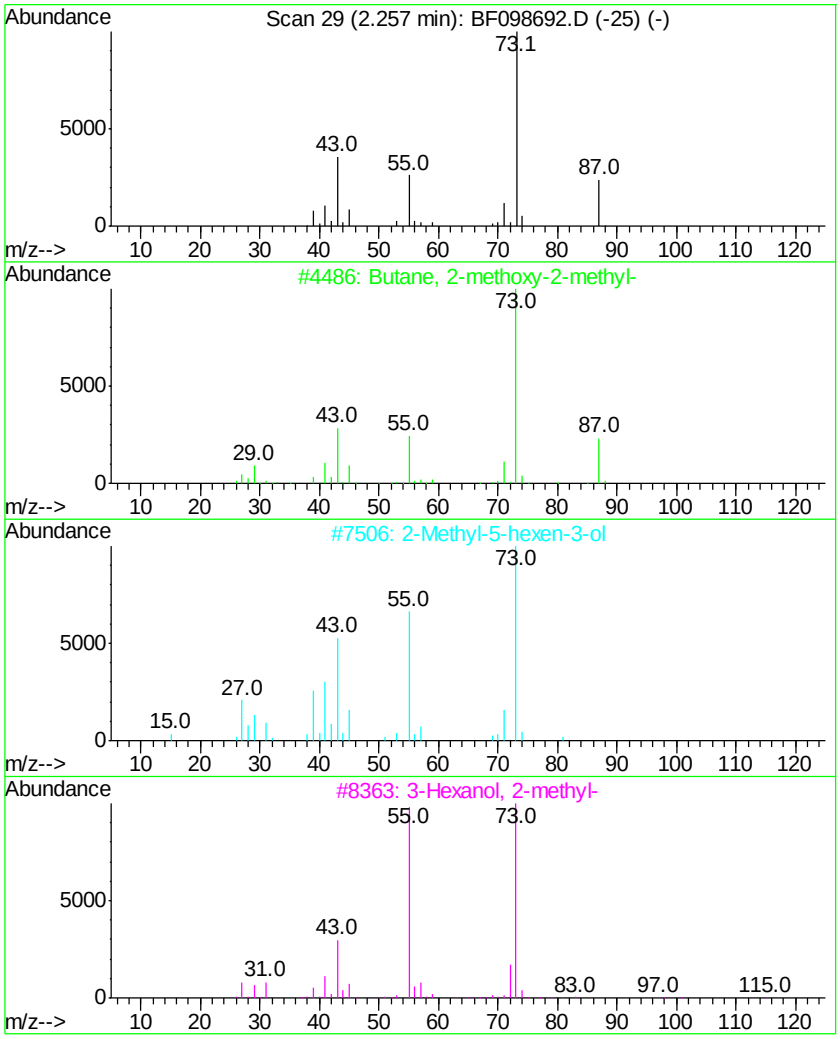
TIC Integration Parameters: LSCINT.P

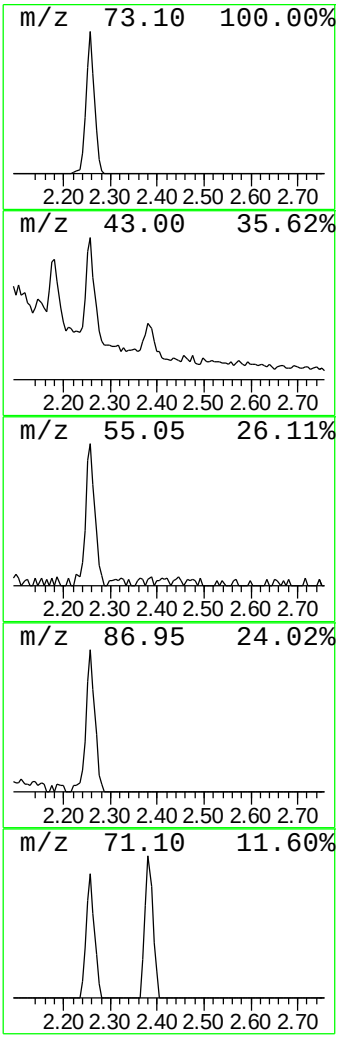
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	5.09 ng	242175	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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Sample : I5293-13
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Instrument : BNA_F
ClientSampleId : SP-B-L-SIDE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.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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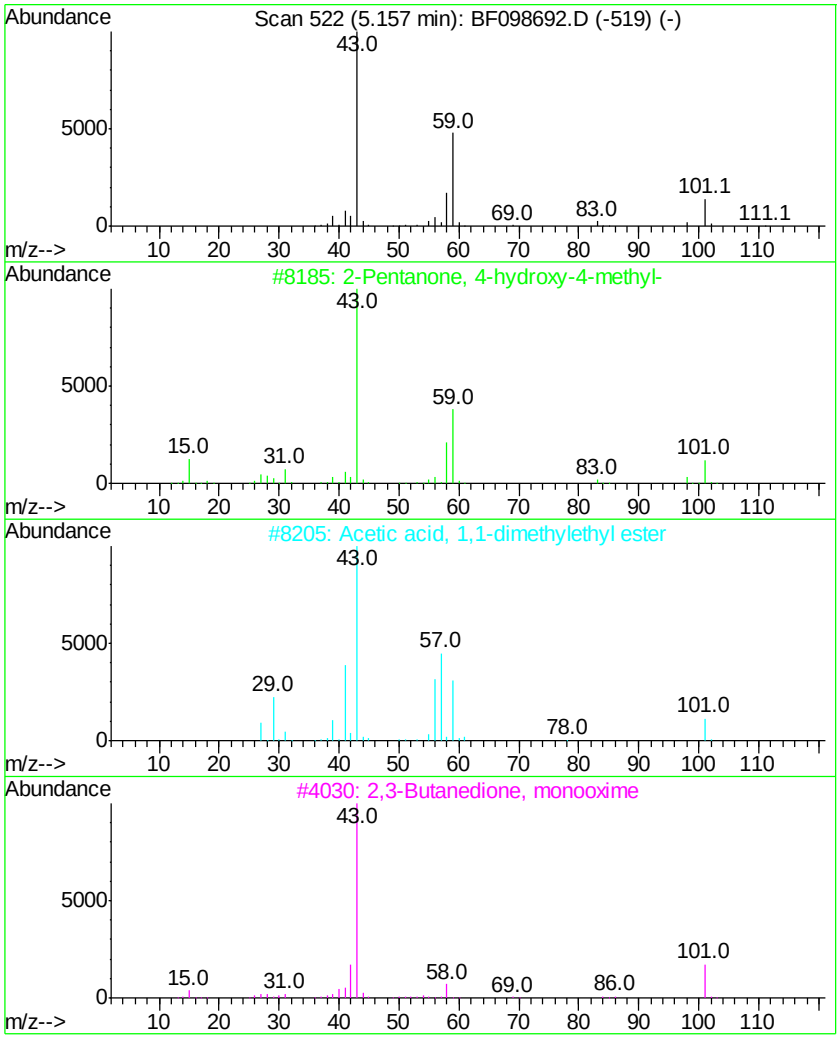
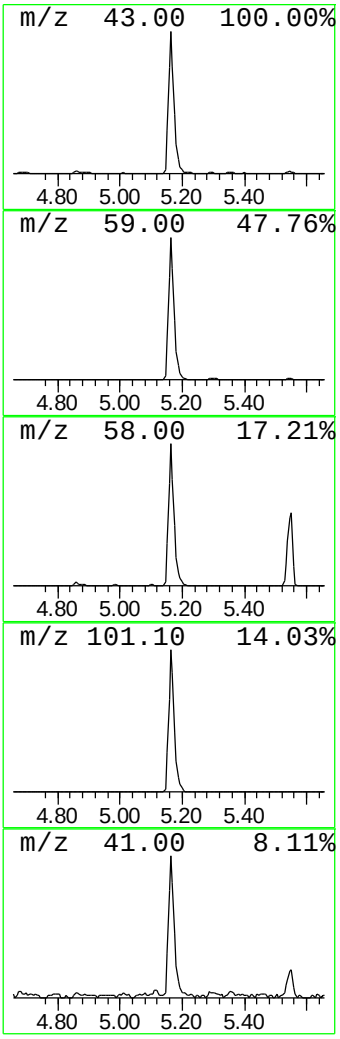
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	14.83 ng	704760	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9





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Instrument : BNA_F
ClientSampleId : SP-B-L-SIDE-COMP

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TIC Library : C:\DATABASE\NIST11.L
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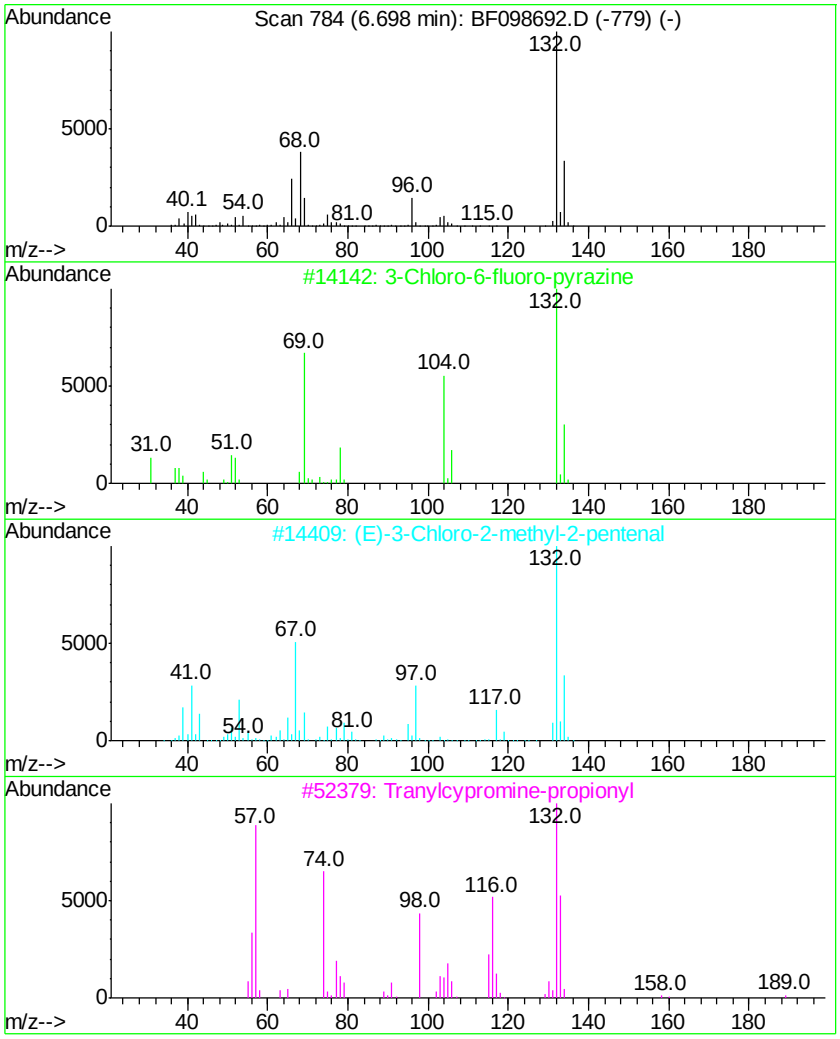
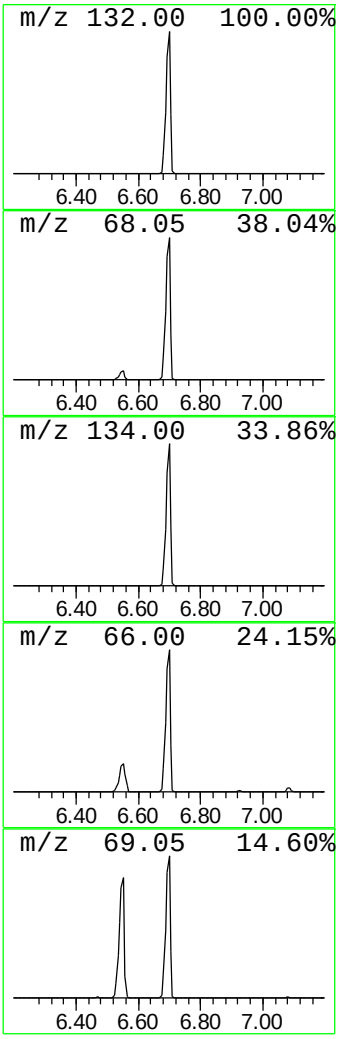
Peak Number 3 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	83.34 ng	3961600	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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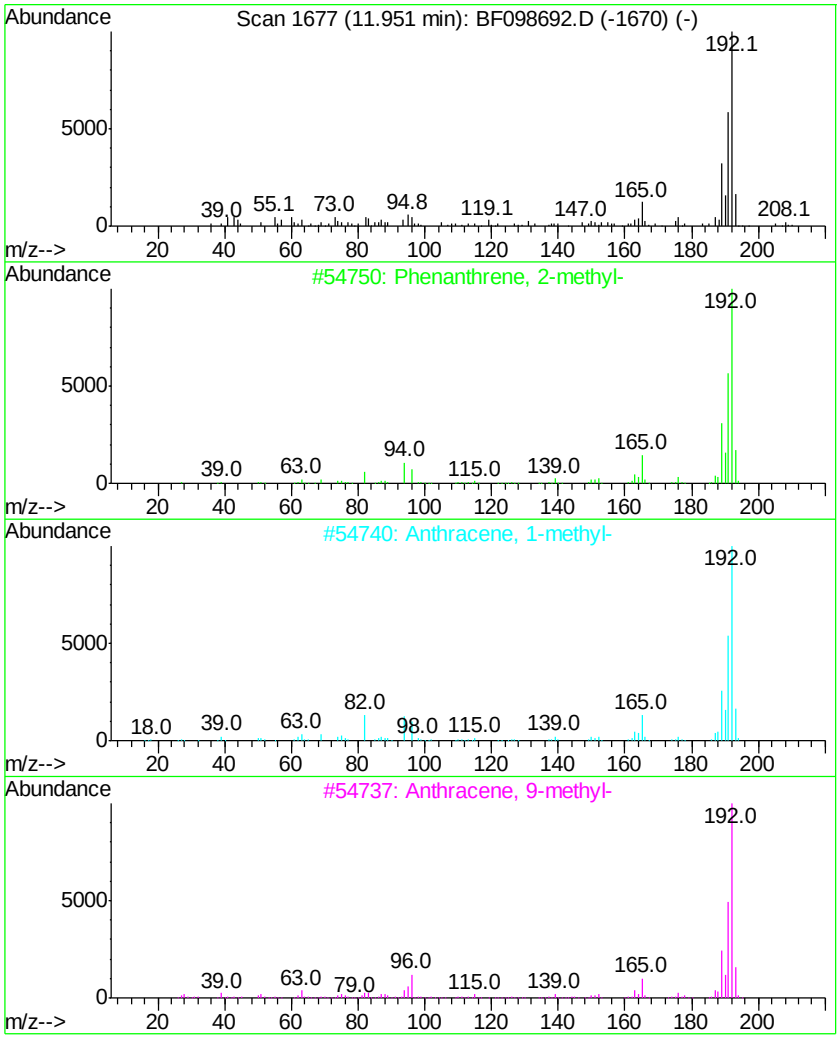
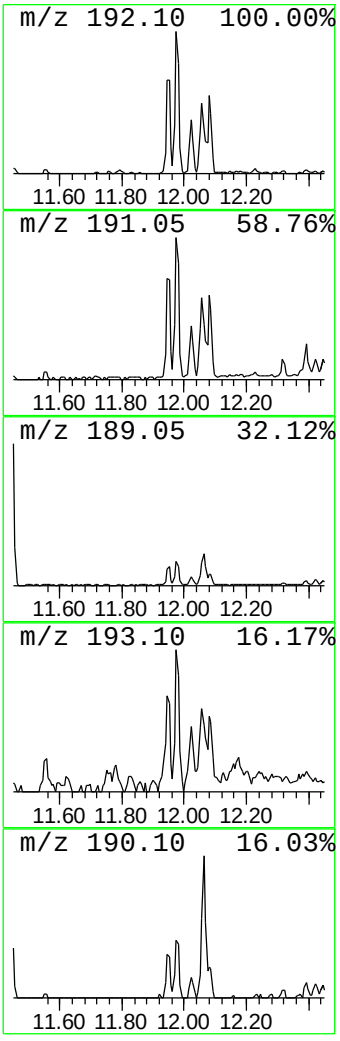
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.86 ng	155232	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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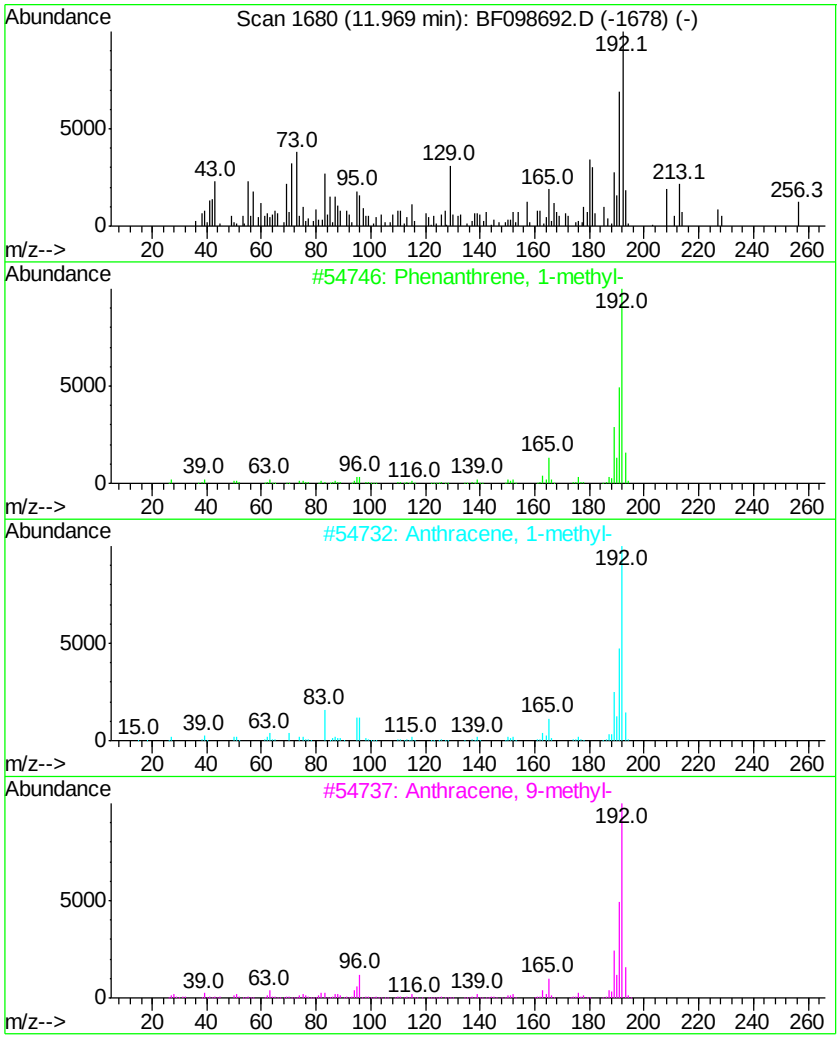
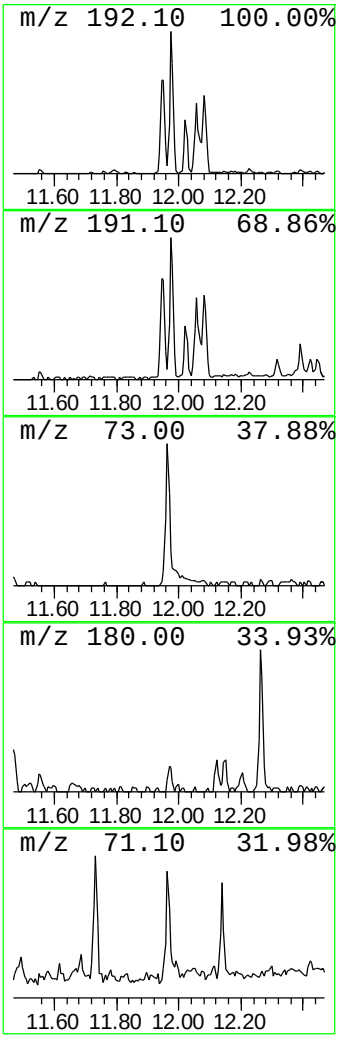
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.19 ng	227163	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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

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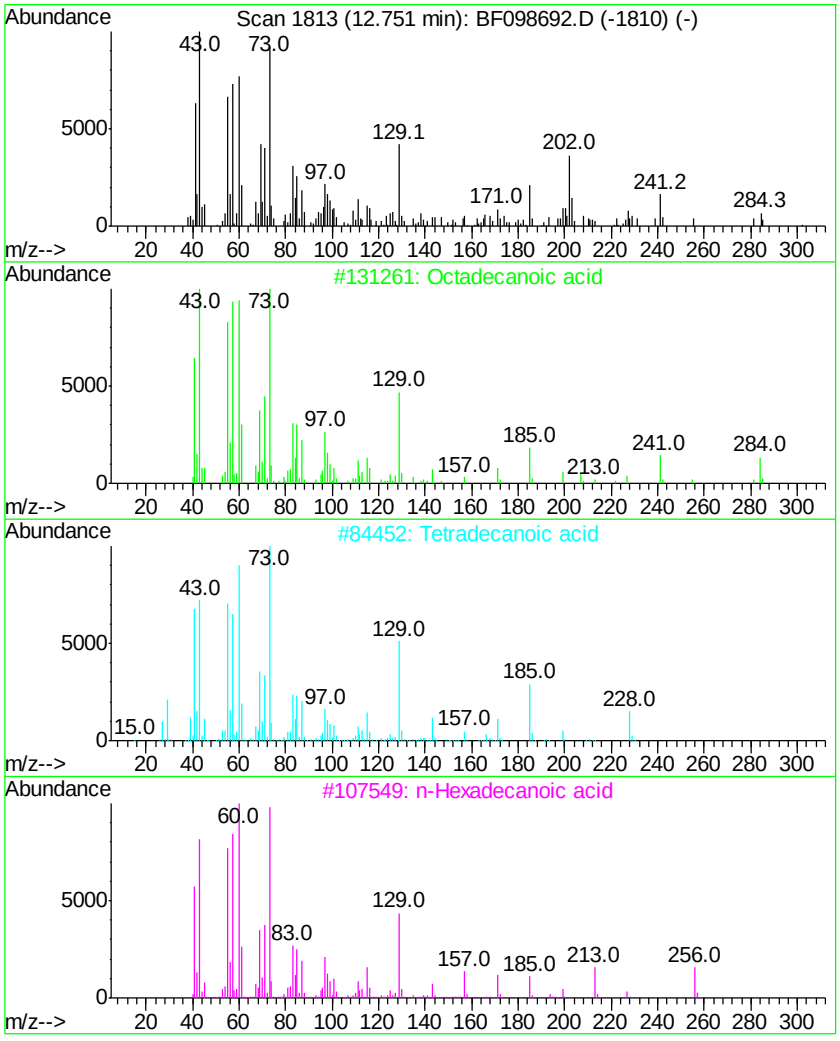
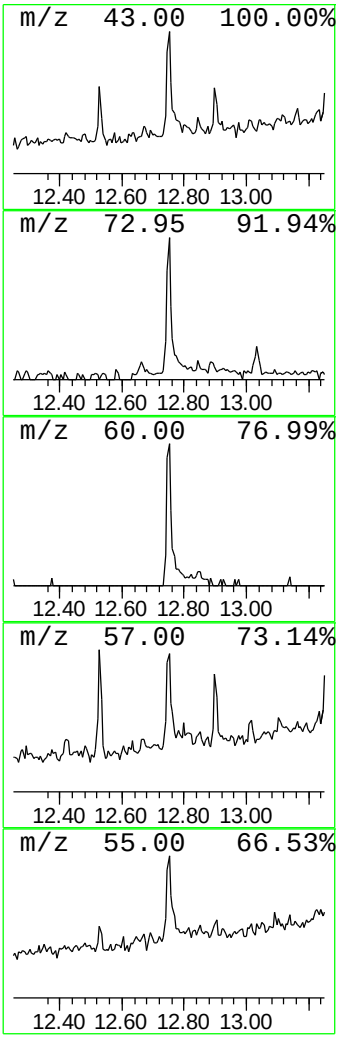
Peak Number 7 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.23 ng	120816	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





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Instrument : BNA_F
ClientSampleId : SP-B-L-SIDE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.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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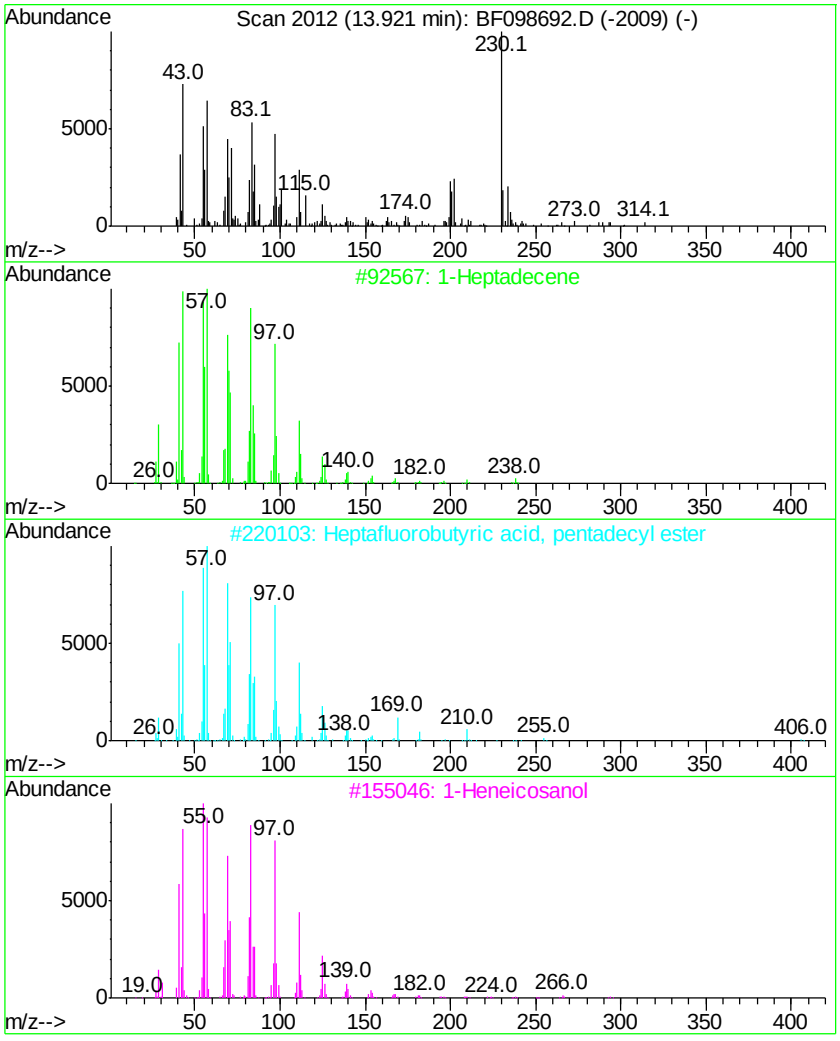
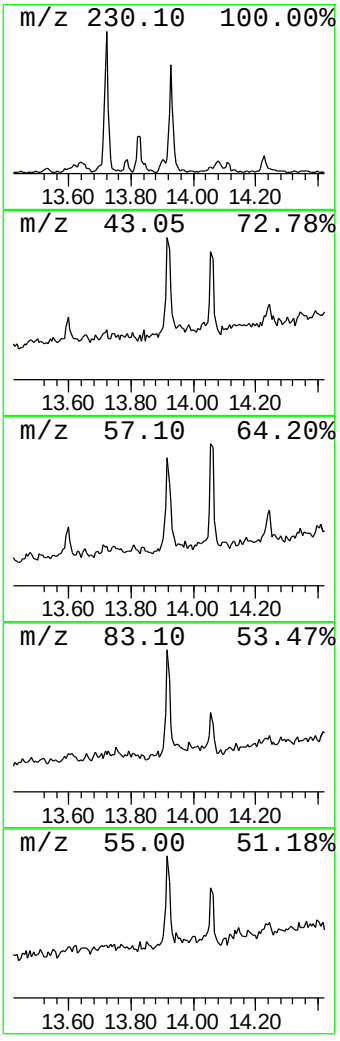
Peak Number 8 1-Heptadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.10 ng	265720	Chrysene-d12	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	64
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	56
3	1-Heneicosanol	312	C21H44O	015594-90-8	53
4	Cyclopentadecane	210	C15H30	000295-48-7	51
5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	49





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Data File : BF098692.D
Acq On : 22 Sep 2017 11:39
Operator : SJ/JU
Sample : I5293-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-L-SIDE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

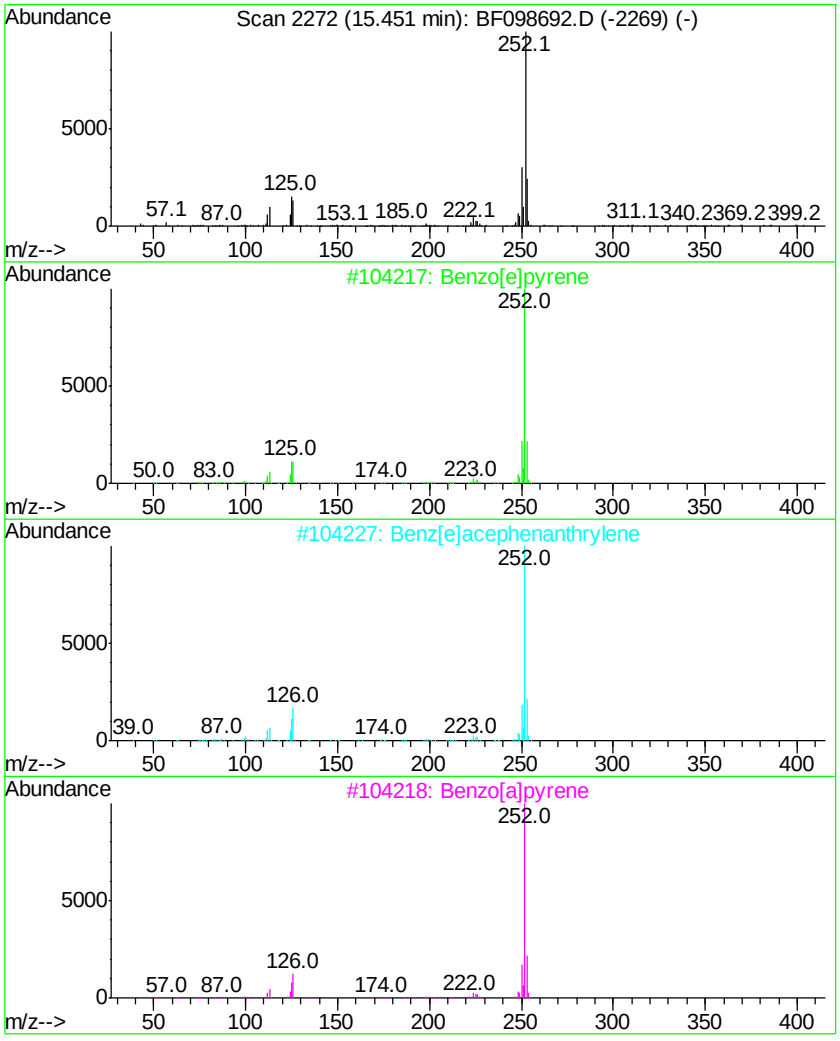
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

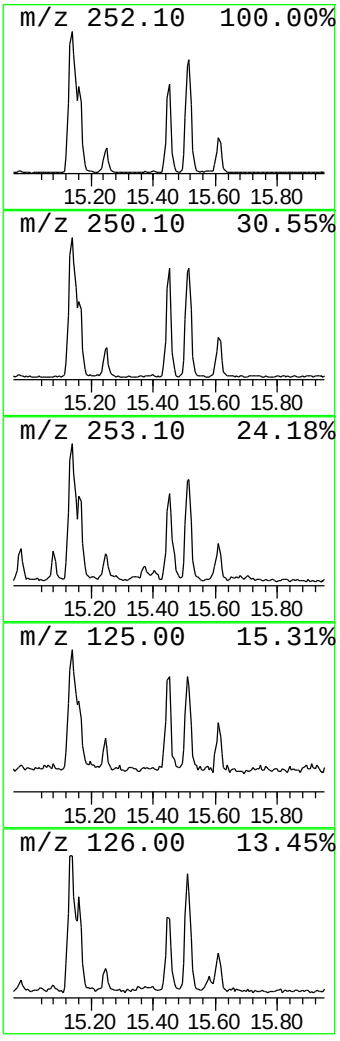
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	4.58 ng	213882	Perylene-d12	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092217\
Data File : BF098692.D
Acq On : 22 Sep 2017 11:39
Operator : SJ/JU
Sample : I5293-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-L-SIDE-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092117.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...	2.26	5.1	ng	242175	1	6.93	950674	20.0
2-Pentanone, 4-hy...	5.16	14.8	ng	704760	1	6.93	950674	20.0
unknown6.70	6.70	83.3	ng	3961600	1	6.93	950674	20.0
Phenanthrene, 2-m...	11.95	2.9	ng	155232	4	11.45	1084520	20.0
Phenanthrene, 1-m...	11.97	4.2	ng	227163	4	11.45	1084520	20.0
Octadecanoic acid	12.75	2.2	ng	120816	4	11.45	1084520	20.0
1-Heptadecene	13.92	3.1	ng	265720	5	14.09	1717010	20.0
Benzo[e]pyrene	15.45	4.6	ng	213882	6	15.58	934724	20.0