LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096339.D
Acq On : 30 Jun 2017 16:07
Operator : SJ/MA
Sample : I3883-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G29-0-1.5

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-BF062717.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	3.775	281	287	292	rBV	9832	15978	1.39%	0.105%
2	4.322	377	380	385	rBV2	13391	16646	1.45%	0.110%
3	4.951	483	487	495	rBV	526028	557228	48.41%	3.666%
4	5.375	556	559	563	rVB	181695	158275	13.75%	1.041%
5	6.392	729	732	740	rVB	752617	665116	57.78%	4.376%
6	6.533	753	756	760	rVB	343821	293749	25.52%	1.932%
7	6.775	793	797	800	rBV	941311	843928	73.31%	5.552%
8	6.839	805	808	812	rVB	17648	16933	1.47%	0.111%
9	6.928	819	823	826	rVB	745663	584022	50.73%	3.842%
10	7.328	887	891	894	rBV	512501	444900	38.65%	2.927%
11	7.380	897	900	903	rVB	18045	16950	1.47%	0.112%
12	7.416	903	906	911	rVB3	11301	13720	1.19%	0.090%
13	7.686	947	952	956	rBV4	9014	14556	1.26%	0.096%
14	7.798	966	971	973	rBV3	11137	14837	1.29%	0.098%
15	8.057	1011	1015	1017	rBV	1264866	1151178	100.00%	7.573%
16	8.075	1017	1018	1021	rVB	229399	133231	11.57%	0.876%
17	8.492	1084	1089	1094	rBV	19227	22999	2.00%	0.151%
18	8.657	1114	1117	1120	rBV	40413	33763	2.93%	0.222%
19	8.769	1130	1136	1140	rVB	74908	68336	5.94%	0.450%
20	8.863	1146	1152	1157	rBV	43615	45173	3.92%	0.297%
21	9.086	1188	1190	1193	rVB2	19312	17596	1.53%	0.116%
22	9.127	1193	1197	1200	rBV	961743	731844	63.57%	4.815%
23	9.222	1208	1213	1217	rBV2	65305	73157	6.35%	0.481%
24	9.327	1228	1231	1236	rVB	12690	19241	1.67%	0.127%
25	9.392	1238	1242	1246	rVV4	23372	34881	3.03%	0.229%
26	9.469	1249	1255	1257	rBV	41643	45161	3.92%	0.297%
27	9.492	1257	1259	1261	rVB	24495	18317	1.59%	0.121%
28	9.522	1261	1264	1266	rBV	91325	74053	6.43%	0.487%
29	9.545	1266	1268	1270	rVB	28130	18480	1.61%	0.122%
30	9.669	1287	1289	1292	rVB	17805	12276	1.07%	0.081%
31	9.751	1301	1303	1306	rVB	69357	48607	4.22%	0.320%
32	9.810	1306	1313	1316	rBV	1034737	969663	84.23%	6.379%
33	9.839	1316	1318	1322	rVB	108446	83928	7.29%	0.552%
34	9.963	1336	1339	1341	rBV2	9315	14115	1.23%	0.093%

LSC Area Percent Report

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Sample : I3883-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G29-0-1.5

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-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.010	1344	1347	1350	rVV	143587	112455	9.77%	0.740%
36	10.051	1351	1354	1356	rVV2	19108	20707	1.80%	0.136%
37	10.074	1356	1358	1362	rVB4	19282	18831	1.64%	0.124%
38	10.127	1362	1367	1369	rBV4	17568	25191	2.19%	0.166%
39	10.151	1369	1371	1374	rVB	17114	12331	1.07%	0.081%
40	10.216	1378	1382	1384	rVV3	14221	18965	1.65%	0.125%
41	10.251	1385	1388	1390	rVB	78567	62252	5.41%	0.410%
42	10.351	1402	1405	1408	rBV	145214	115990	10.08%	0.763%
43	10.416	1411	1416	1418	rVV3	19440	26577	2.31%	0.175%
44	10.439	1418	1420	1422	rVV3	27049	23998	2.08%	0.158%
45	10.469	1422	1425	1430	rVV2	45990	60408	5.25%	0.397%
46	10.510	1430	1432	1436	rVB2	28616	32600	2.83%	0.214%
47	10.557	1436	1440	1442	rBV4	12977	14849	1.29%	0.098%
48	10.586	1442	1445	1449	rVV2	50434	59515	5.17%	0.392%
49	10.627	1449	1452	1457	rVB5	33811	42495	3.69%	0.280%
50	10.721	1465	1468	1470	rBV	95585	97260	8.45%	0.640%
51	10.798	1479	1481	1486	rBV6	10111	13382	1.16%	0.088%
52	10.898	1492	1498	1501	rBV3	25967	44398	3.86%	0.292%
53	10.927	1501	1503	1506	rVV2	22100	23197	2.02%	0.153%
54	10.980	1510	1512	1515	rVB4	20243	17989	1.56%	0.118%
55	11.010	1515	1517	1519	rBV2	13562	15040	1.31%	0.099%
56	11.051	1519	1524	1526	rVV6	21434	34483	3.00%	0.227%
57	11.092	1528	1531	1536	rVB	49273	53268	4.63%	0.350%
58	11.168	1536	1544	1545	rBV3	84744	111451	9.68%	0.733%
59	11.198	1548	1549	1554	rVB2	42509	40163	3.49%	0.264%
60	11.251	1554	1558	1560	rBV5	9590	14524	1.26%	0.096%
61	11.286	1560	1564	1566	rVV	912046	772170	67.08%	5.080%
62	11.310	1566	1568	1571	rVV	925657	741035	64.37%	4.875%
63	11.363	1571	1577	1580	rVB	216701	195546	16.99%	1.286%
64	11.398	1580	1583	1588	rBV3	17640	21248	1.85%	0.140%
65	11.510	1598	1602	1606	rBV	107505	107817	9.37%	0.709%
66	11.545	1606	1608	1613	rVB5	14264	15177	1.32%	0.100%
67	11.598	1613	1617	1618	rBV2	46606	49390	4.29%	0.325%
68	11.616	1618	1620	1623	rVB2	24899	22520	1.96%	0.148%
69	11.698	1632	1634	1638	rVB3	16125	17571	1.53%	0.116%
70	11.792	1646	1650	1652	rBV	94039	91685	7.96%	0.603%
71	11.815	1652	1654	1659	rVB	163270	138984	12.07%	0.914%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : G29-0-1.5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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72	11.863	1659	1662	1665	rBV	51390	52957	4.60%	0.348%
73	11.898	1665	1668	1671	rBV	147971	172967	15.03%	1.138%
74	11.921	1671	1672	1677	rVB	84878	52919	4.60%	0.348%
75	12.004	1681	1686	1688	rBV2	41258	49466	4.30%	0.325%
76	12.086	1697	1700	1701	rBV	51728	43220	3.75%	0.284%
77	12.104	1701	1703	1710	rVB2	52301	47436	4.12%	0.312%
78	12.157	1710	1712	1715	rBV4	15344	20263	1.76%	0.133%
79	12.233	1723	1725	1728	rVB	29101	23486	2.04%	0.155%
80	12.263	1728	1730	1732	rBV	23887	21913	1.90%	0.144%
81	12.286	1732	1734	1737	rVB3	35198	30230	2.63%	0.199%
82	12.339	1739	1743	1746	rBV	79252	88059	7.65%	0.579%
83	12.374	1746	1749	1750	rVV	42152	41724	3.62%	0.274%
84	12.392	1750	1752	1754	rVV2	55818	48629	4.22%	0.320%
85	12.421	1754	1757	1762	rVB4	42148	56341	4.89%	0.371%
86	12.463	1762	1764	1766	rBV2	20082	17403	1.51%	0.114%
87	12.498	1766	1770	1773	rBV	777734	652966	56.72%	4.296%
88	12.721	1803	1808	1812	rBV	585687	639572	55.56%	4.207%
89	12.845	1826	1829	1830	rBV	42719	38327	3.33%	0.252%
90	12.868	1830	1833	1841	rVB	660884	607136	52.74%	3.994%
91	12.939	1843	1845	1849	rBV3	35027	47691	4.14%	0.314%
92	13.027	1858	1860	1862	rBV3	32955	39116	3.40%	0.257%
93	13.051	1862	1864	1868	rVB	73440	69252	6.02%	0.456%
94	13.121	1873	1876	1878	rVB	76023	69893	6.07%	0.460%
95	13.157	1879	1882	1885	rBV	70116	75012	6.52%	0.493%
96	13.357	1913	1916	1921	rVB3	76416	82440	7.16%	0.542%
97	13.921	2007	2012	2014	rBV2	816495	996867	86.60%	6.558%
98	13.945	2014	2016	2018	rVB	210327	162668	14.13%	1.070%
99	15.345	2251	2254	2258	rVB	349584	394566	34.27%	2.596%

Sum of corrected areas: 15200818

LSC Report - Integrated Chromatogram

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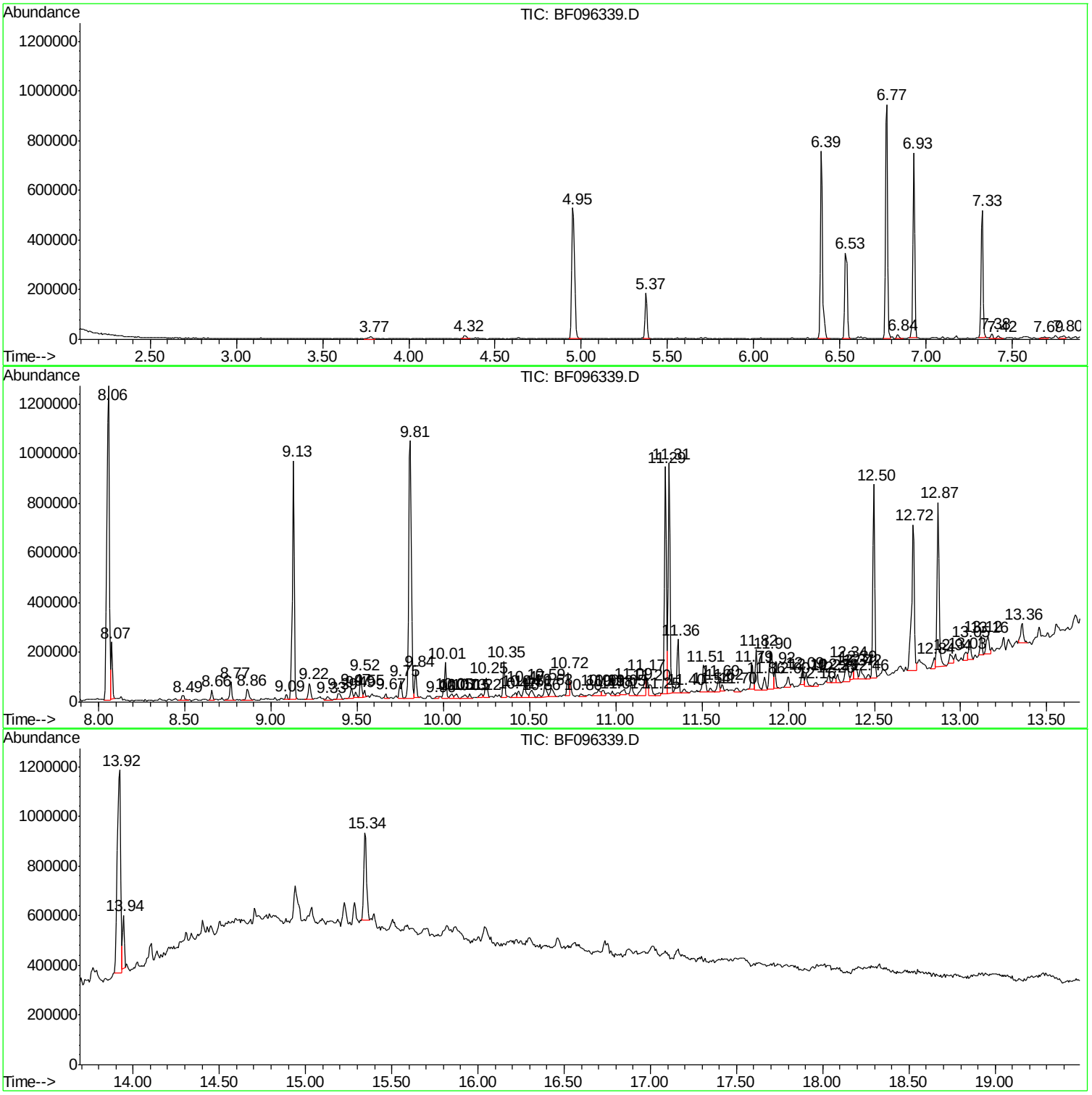
Operator : SJ/MA
Sample : I3883-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G29-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096339.D
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

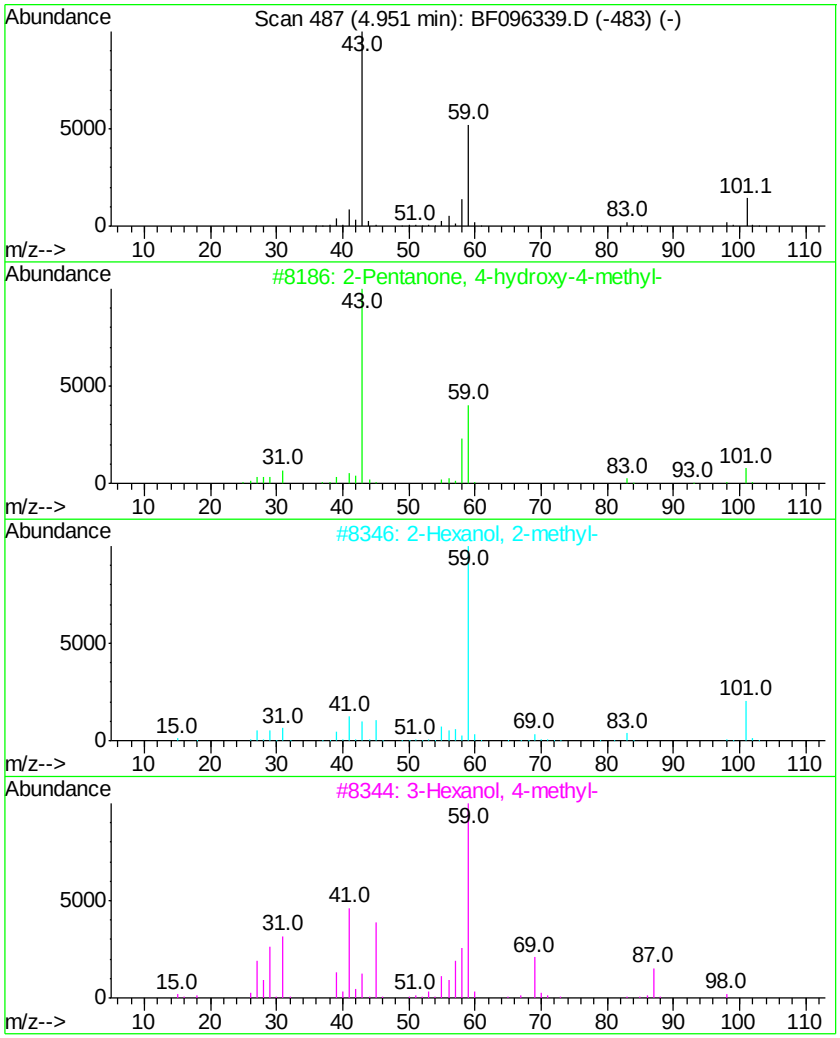
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

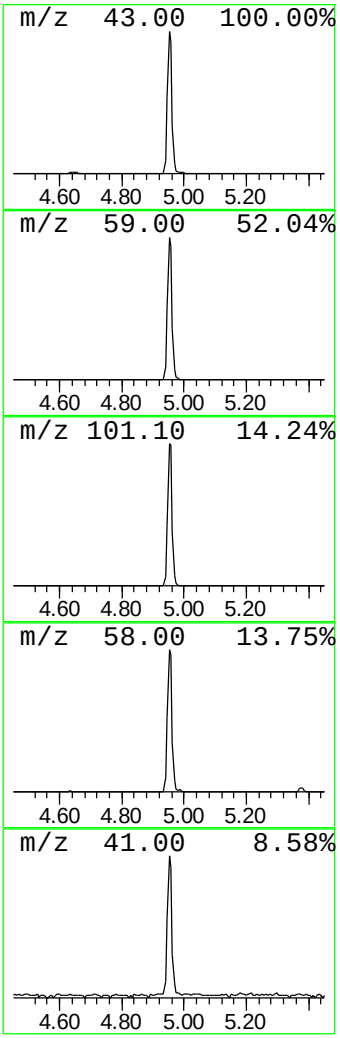
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	13.21 ng	557228	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

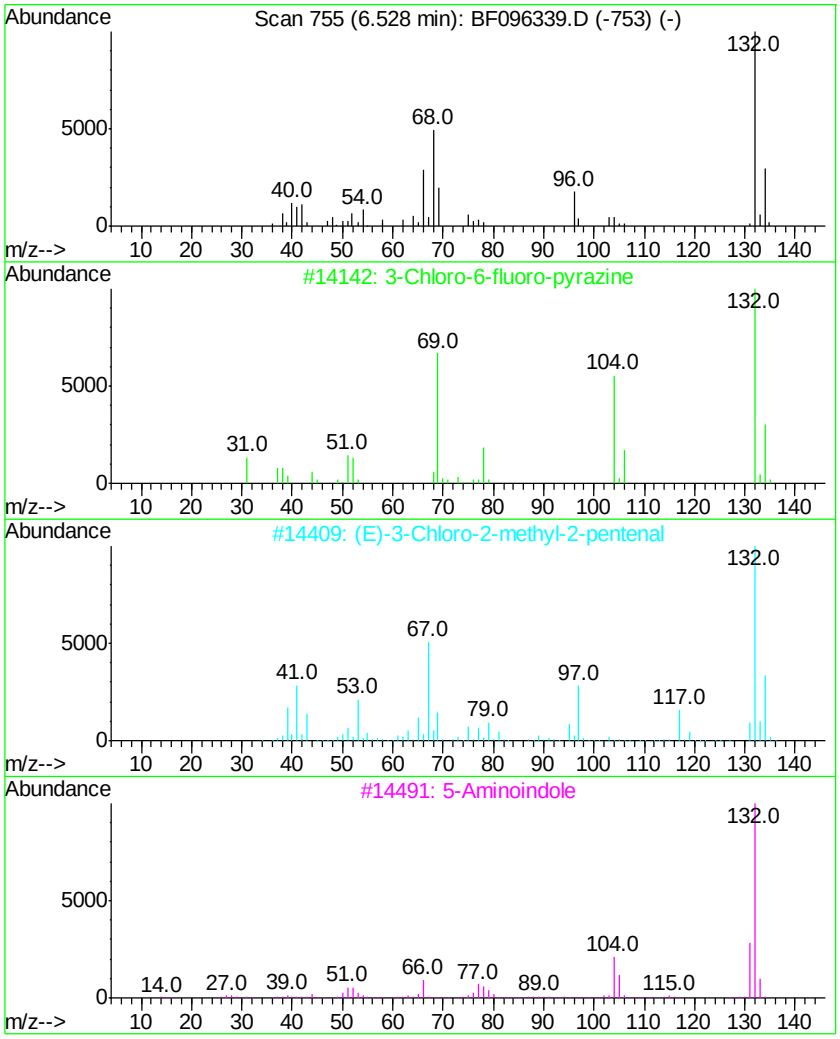
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

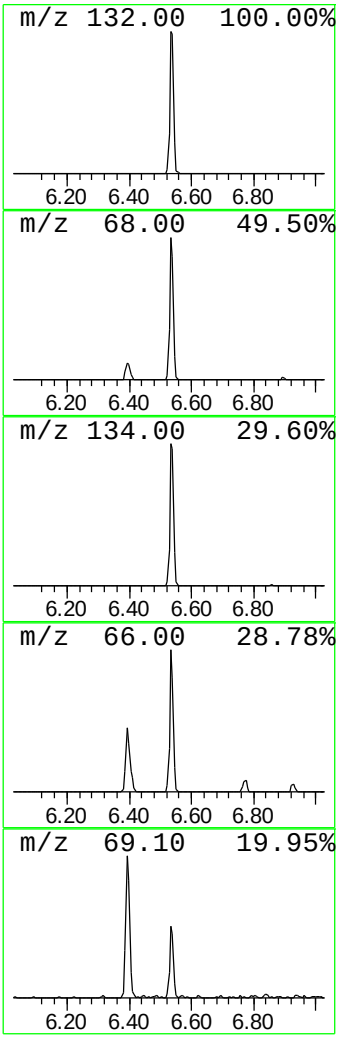
****

Peak Number 2 unknown6.53 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	6.96 ng	293749	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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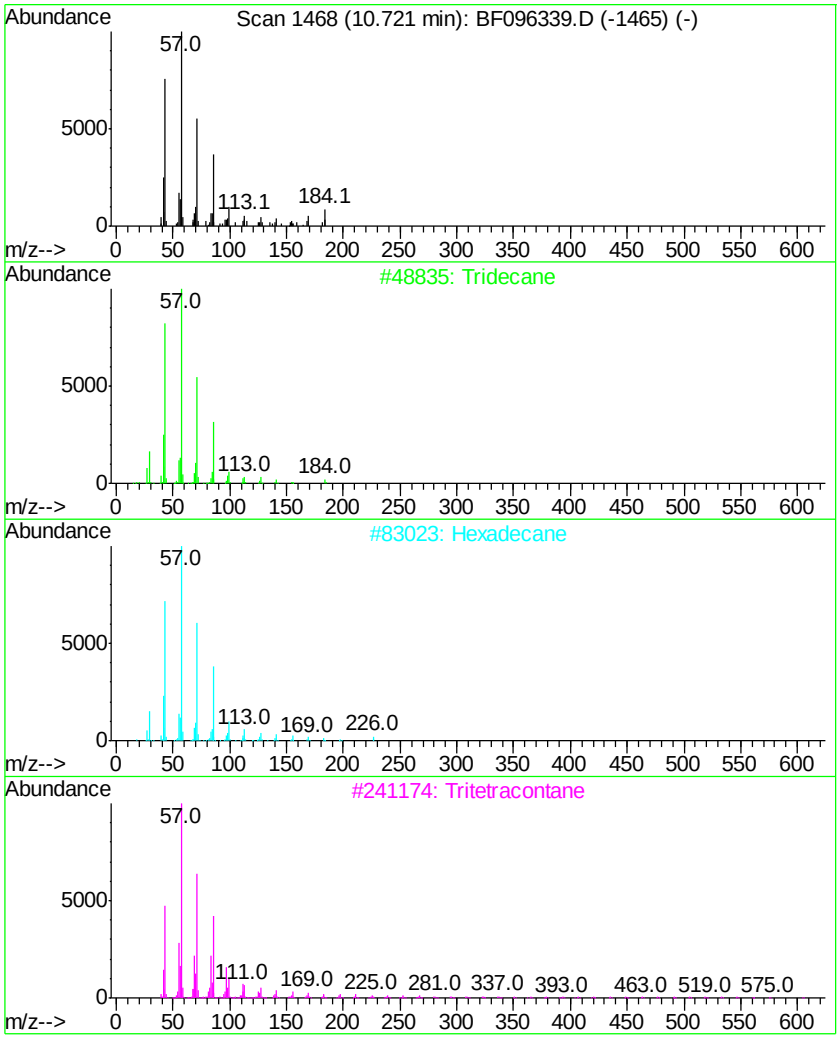
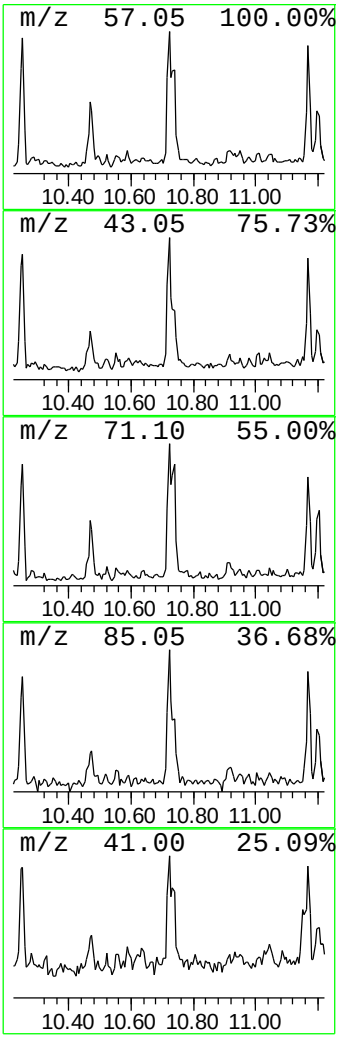
****

Peak Number 5 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.52 ng	97260	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tritetracontane	605	C43H88	007098-21-7	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Tetradecane	198	C14H30	000629-59-4	74





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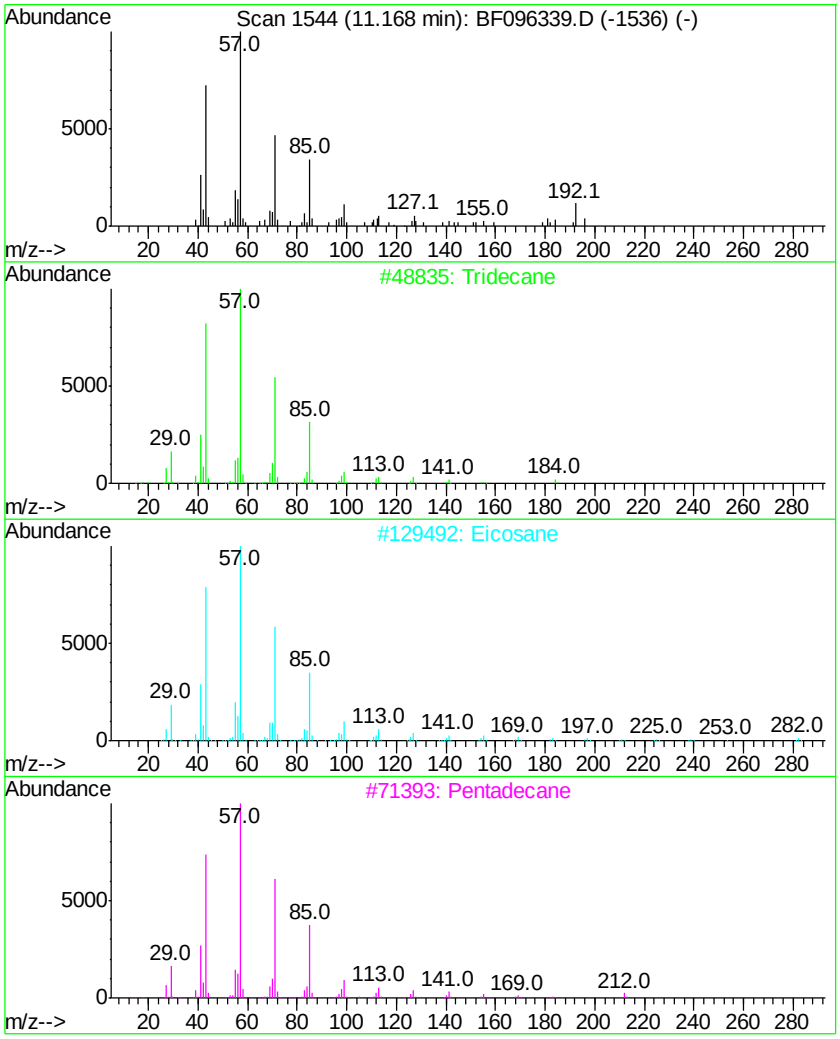
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

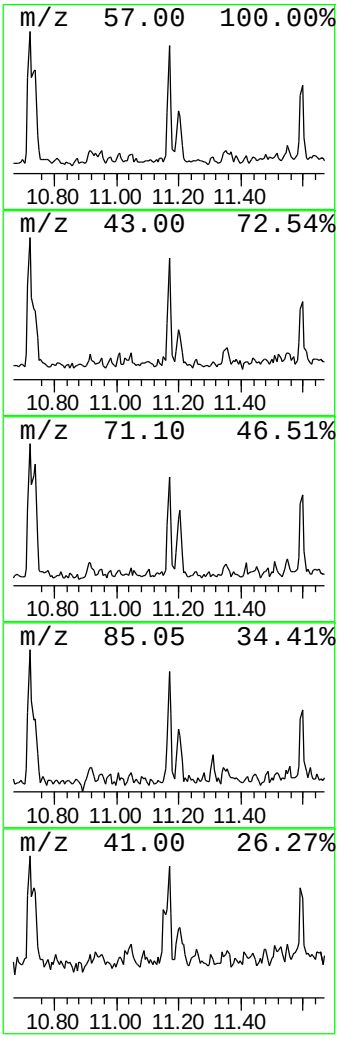
****

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	2.89 ng	111451	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Eicosane	282	C20H42	000112-95-8	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
5	Tetradecane	198	C14H30	000629-59-4	64





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Data File : BF096339.D
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Operator : SJ/MA
Sample : I3883-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G29-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

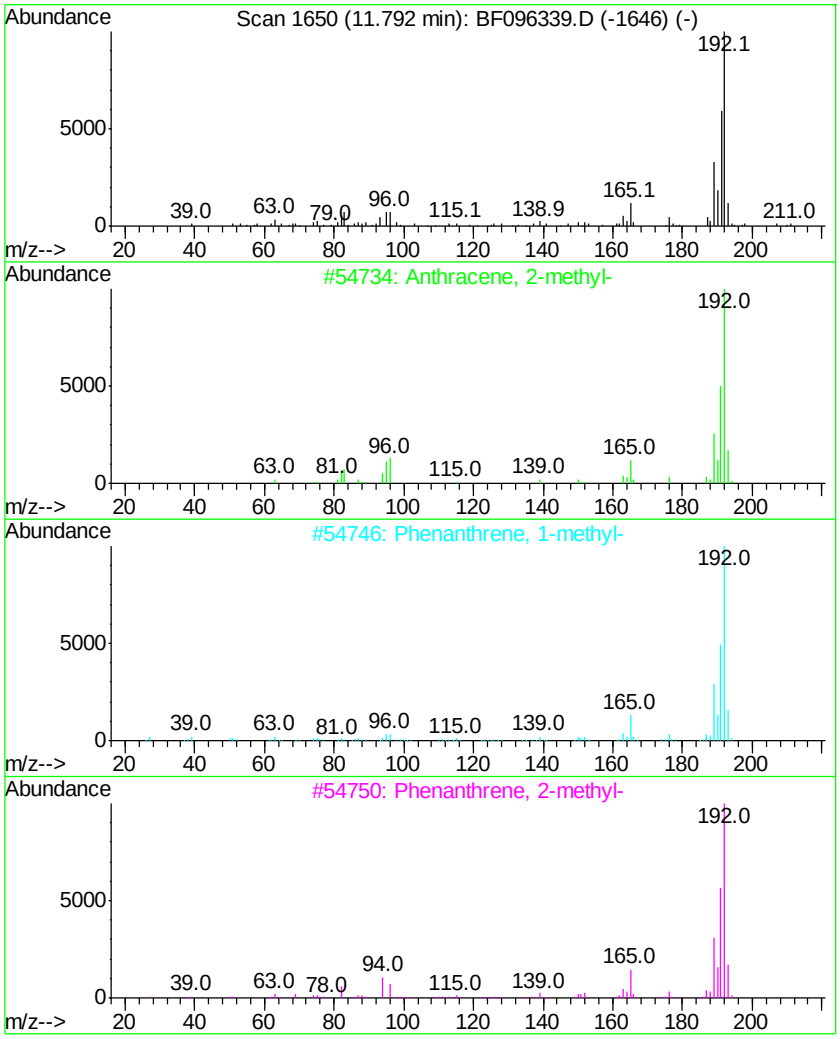
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

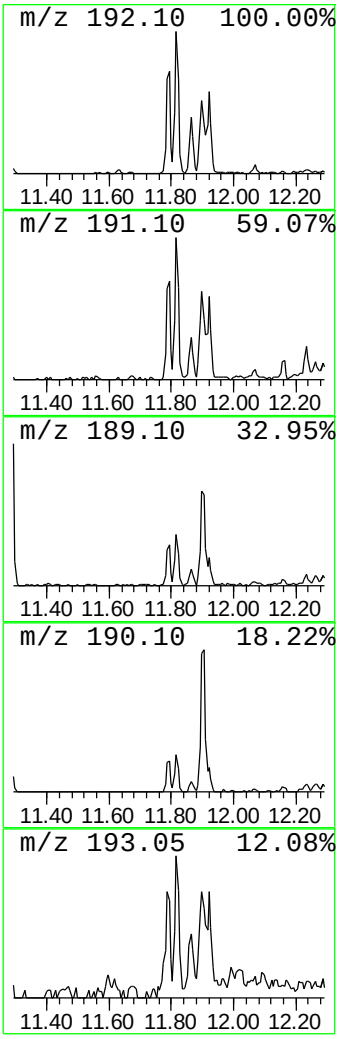
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.37 ng	91685	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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Operator : SJ/MA
Sample : I3883-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G29-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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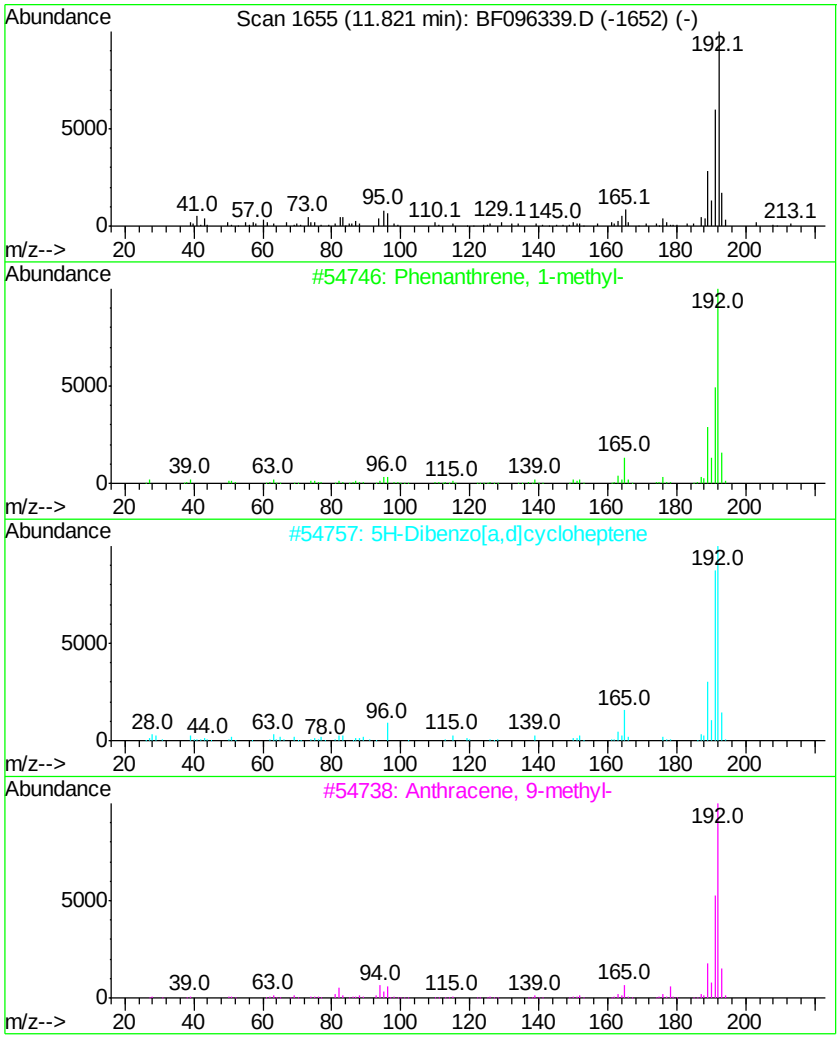
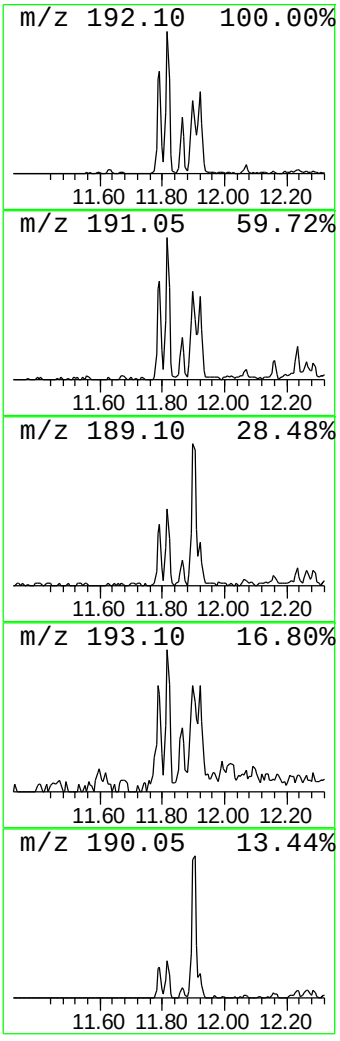
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.60 ng	138984	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096339.D
Acq On : 30 Jun 2017 16:07
Operator : SJ/MA
Sample : I3883-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G29-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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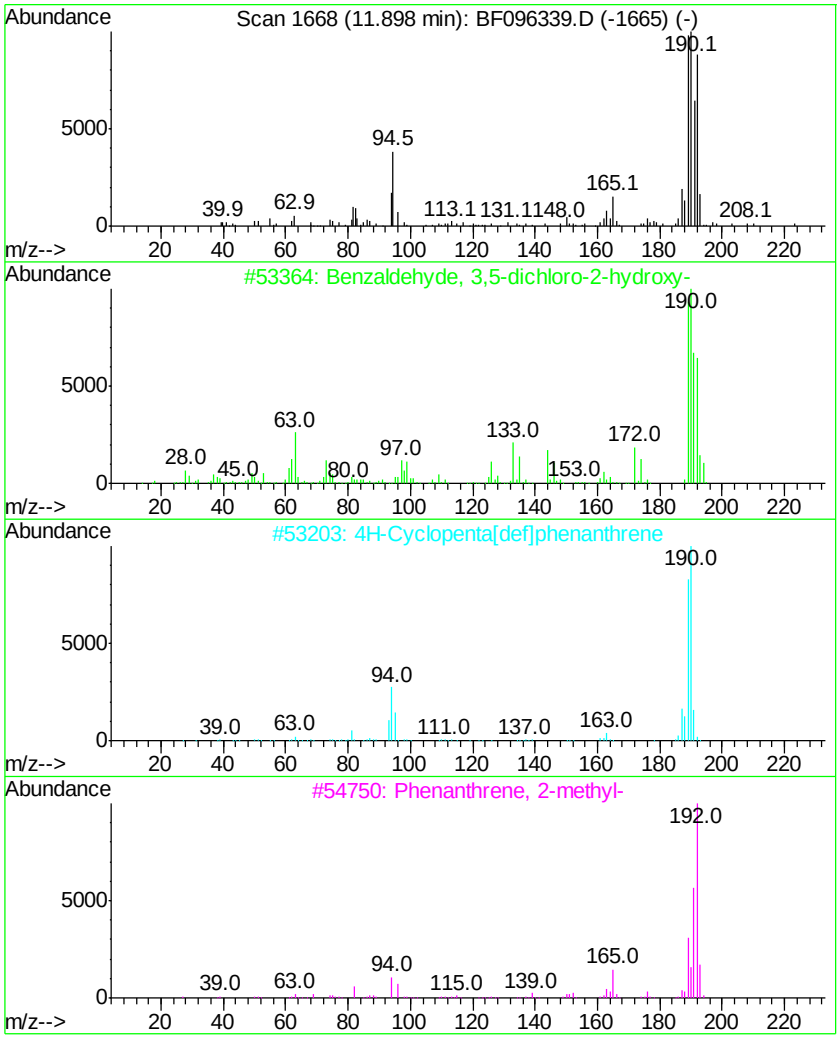
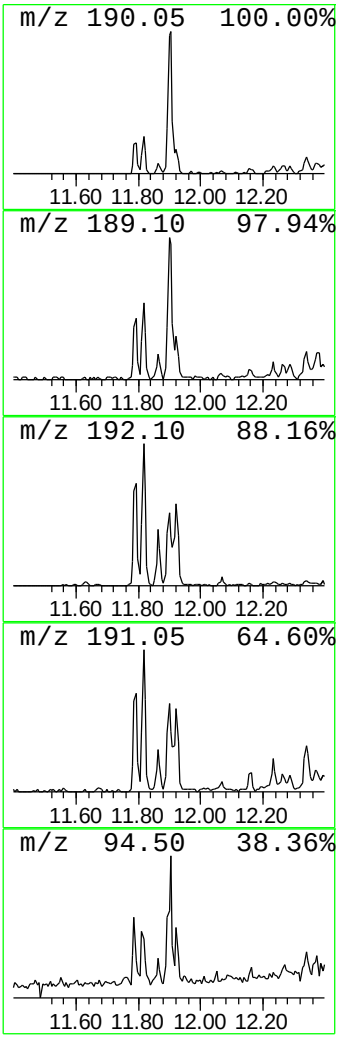
Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.48 ng	172967	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096339.D
Acq On : 30 Jun 2017 16:07
Operator : SJ/MA
Sample : I3883-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G29-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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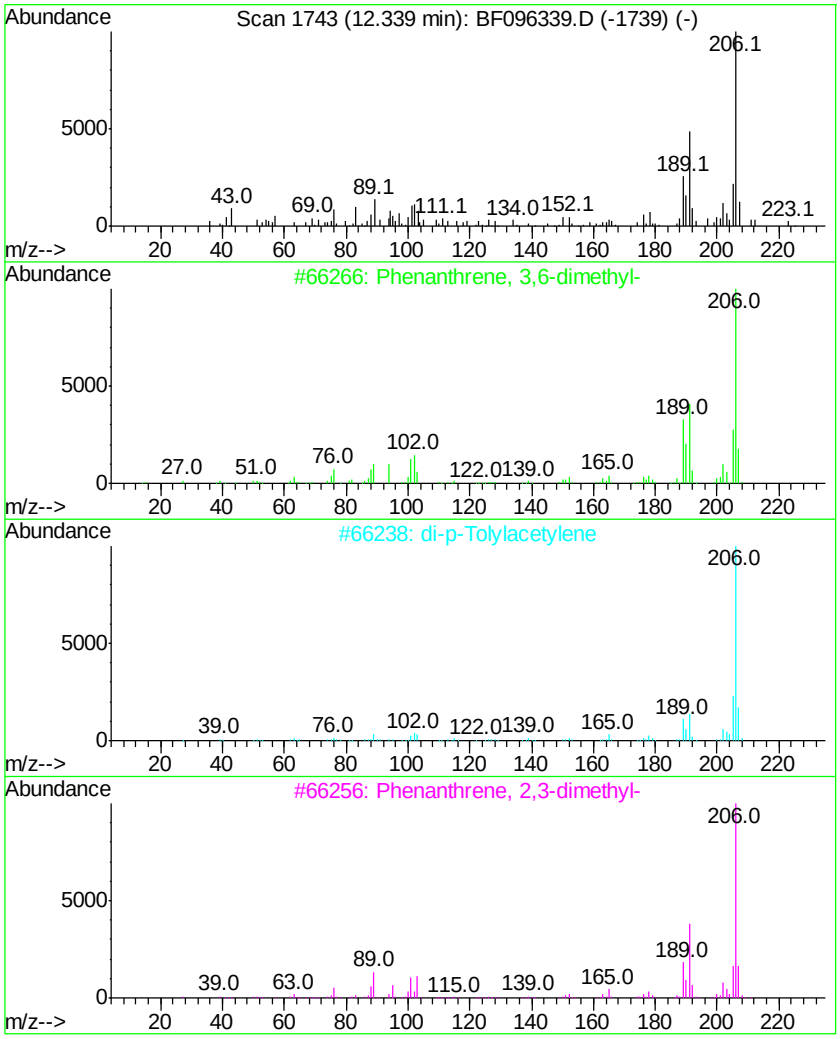
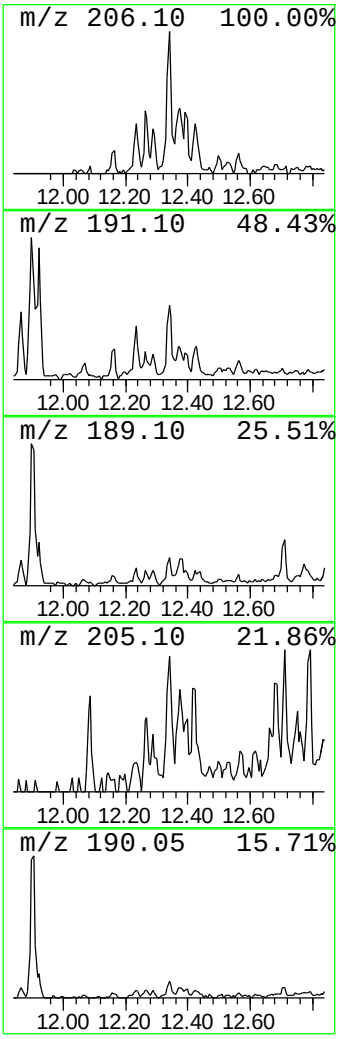
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.28 ng	88059	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	98
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
Data File : BF096339.D
Acq On : 30 Jun 2017 16:07
Operator : SJ/MA
Sample : I3883-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G29-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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...	4.95	13.2	ng	557228	1	6.77	843928	20.0
unknown6.53	6.53	7.0	ng	293749	1	6.77	843928	20.0
Tridecane	10.72	2.5	ng	97260	4	11.29	772170	20.0
Eicosane	11.17	2.9	ng	111451	4	11.29	772170	20.0
Anthracene, 2-met...	11.79	2.4	ng	91685	4	11.29	772170	20.0
Phenanthrene, 1-m...	11.82	3.6	ng	138984	4	11.29	772170	20.0
Benzaldehyde, 3,5...	11.90	4.5	ng	172967	4	11.29	772170	20.0
Phenanthrene, 3,6...	12.34	2.3	ng	88059	4	11.29	772170	20.0