LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096353.D
Acq On : 30 Jun 2017 23:07
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-59-1.5-3

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	2.322	35	40	47	rVB	113815	167894	16.44%	1.076%
2	2.816	118	124	129	rVB3	24061	44390	4.35%	0.285%
3	3.757	278	284	293	rBV	74919	115168	11.28%	0.738%
4	4.387	383	391	397	rBV5	19010	34262	3.35%	0.220%
5	4.910	475	480	482	rBV3	18750	21529	2.11%	0.138%
6	4.939	482	485	488	rVV	135043	139030	13.61%	0.891%
7	4.963	488	489	494	rVB	29459	22660	2.22%	0.145%
8	5.169	518	524	529	rBV2	18393	21234	2.08%	0.136%
9	5.339	549	553	554	rBV	66203	66918	6.55%	0.429%
10	5.363	554	557	561	rVB	1089510	942701	92.31%	6.043%
11	5.598	594	597	603	rVB2	56863	58634	5.74%	0.376%
12	5.675	607	610	613	rBV2	21718	21211	2.08%	0.136%
13	5.922	649	652	656	rBV2	27946	29089	2.85%	0.186%
14	6.016	665	668	671	rBV2	25679	23565	2.31%	0.151%
15	6.216	697	702	706	rBV4	16054	29468	2.89%	0.189%
16	6.298	712	716	719	rBV3	23908	31422	3.08%	0.201%
17	6.381	724	730	735	rBV	1157174	927110	90.78%	5.943%
18	6.522	750	754	758	rBV	1091385	907941	88.91%	5.820%
19	6.586	762	765	767	rBV	65085	51186	5.01%	0.328%
20	6.757	790	794	797	rBV	952361	748824	73.32%	4.800%
21	6.786	797	799	802	rVB2	26067	21902	2.14%	0.140%
22	6.822	802	805	809	rBV3	34407	33692	3.30%	0.216%
23	6.916	817	821	824	rBV	728035	670657	65.67%	4.299%
24	7.086	846	850	852	rBV3	21735	21455	2.10%	0.138%
25	7.157	858	862	865	rBV	39265	36907	3.61%	0.237%
26	7.310	881	888	891	rBV	666861	549014	53.76%	3.519%
27	7.369	895	898	901	rVB	46403	38771	3.80%	0.249%
28	7.404	901	904	909	rVB3	22037	28127	2.75%	0.180%
29	7.575	928	933	935	rVB3	12247	20547	2.01%	0.132%
30	8.039	1008	1012	1014	rVV	1272657	1021245	100.00%	6.546%
31	8.063	1014	1016	1019	rVV	142005	116515	11.41%	0.747%
32	8.475	1084	1086	1090	rVB	40618	38046	3.73%	0.244%
33	8.645	1112	1115	1118	rBV	48332	42610	4.17%	0.273%
34	8.751	1129	1133	1137	rVB	167430	135353	13.25%	0.868%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096353.D
Acq On : 30 Jun 2017 23:07
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-59-1.5-3

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	8.851	1147	1150	1154	rVB	112735	87018	8.52%	0.558%
36	9.116	1191	1195	1198	rVB	1007219	803271	78.66%	5.149%
37	9.210	1207	1211	1215	rBV2	66535	60710	5.94%	0.389%
38	9.310	1226	1228	1233	rVB2	16145	21655	2.12%	0.139%
39	9.380	1236	1240	1244	rVB2	33893	46472	4.55%	0.298%
40	9.451	1249	1252	1255	rVV	66149	60598	5.93%	0.388%
41	9.480	1255	1257	1259	rVV	57423	44169	4.33%	0.283%
42	9.504	1259	1261	1264	rVV	86286	77888	7.63%	0.499%
43	9.533	1264	1266	1268	rVV2	33197	26565	2.60%	0.170%
44	9.569	1270	1272	1274	rVV	40911	29546	2.89%	0.189%
45	9.651	1277	1286	1289	rBV	55331	55559	5.44%	0.356%
46	9.739	1298	1301	1305	rVB	61321	46245	4.53%	0.296%
47	9.792	1305	1310	1314	rBV2	989234	863285	84.53%	5.534%
48	9.822	1314	1315	1319	rVB2	20908	21107	2.07%	0.135%
49	9.998	1341	1345	1348	rVV2	59120	55697	5.45%	0.357%
50	10.069	1354	1357	1360	rVB3	19952	23017	2.25%	0.148%
51	10.110	1360	1364	1366	rBV2	21985	23318	2.28%	0.149%
52	10.204	1376	1380	1383	rBV3	29535	42667	4.18%	0.273%
53	10.239	1383	1386	1389	rVB	52595	46557	4.56%	0.298%
54	10.333	1400	1402	1405	rBV2	50685	42513	4.16%	0.273%
55	10.457	1419	1423	1426	rBV2	29264	30105	2.95%	0.193%
56	10.492	1426	1429	1435	rVB2	29502	35984	3.52%	0.231%
57	10.574	1439	1443	1447	rVB	473439	410492	40.20%	2.631%
58	10.621	1447	1451	1455	rVB6	14994	20919	2.05%	0.134%
59	10.710	1462	1466	1467	rBV	70622	67383	6.60%	0.432%
60	10.721	1467	1468	1473	rVB2	72015	52117	5.10%	0.334%
61	10.886	1490	1496	1497	rBV5	15408	22759	2.23%	0.146%
62	11.074	1526	1528	1532	rVB3	23358	24922	2.44%	0.160%
63	11.127	1532	1537	1539	rVV6	19180	25640	2.51%	0.164%
64	11.157	1539	1542	1545	rVV3	51030	57803	5.66%	0.371%
65	11.268	1558	1561	1564	rBV	735489	692257	67.79%	4.437%
66	11.292	1564	1565	1568	rVV	217631	147899	14.48%	0.948%
67	11.345	1571	1574	1577	rVB	75758	61570	6.03%	0.395%
68	11.580	1611	1614	1616	rBV2	36339	29455	2.88%	0.189%
69	11.774	1644	1647	1649	rBV	65868	58050	5.68%	0.372%
70	11.804	1649	1652	1656	rVV	147997	137515	13.47%	0.881%
71	11.845	1656	1659	1662	rVV2	28282	26456	2.59%	0.170%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096353.D
Acq On : 30 Jun 2017 23:07
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-59-1.5-3

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

72	11.880	1662	1665	1668	rVV	92937	103271	10.11%	0.662%
73	11.904	1668	1669	1675	rVB	56041	41177	4.03%	0.264%
74	11.986	1680	1683	1685	rVV2	37242	34531	3.38%	0.221%
75	12.068	1694	1697	1699	rBV	48369	48406	4.74%	0.310%
76	12.245	1725	1727	1729	rVV2	24743	20951	2.05%	0.134%
77	12.268	1729	1731	1734	rVB2	33346	32625	3.19%	0.209%
78	12.321	1734	1740	1743	rBV	80601	100616	9.85%	0.645%
79	12.357	1743	1746	1747	rBV2	27316	27788	2.72%	0.178%
80	12.374	1747	1749	1751	rVB2	50900	38642	3.78%	0.248%
81	12.404	1751	1754	1759	rVB4	33564	39611	3.88%	0.254%
82	12.480	1763	1767	1771	rVB	392148	329679	32.28%	2.113%
83	12.533	1773	1776	1780	rVB6	21462	29521	2.89%	0.189%
84	12.574	1780	1783	1784	rBV	28163	25235	2.47%	0.162%
85	12.704	1800	1805	1809	rBV	340029	380582	37.27%	2.440%
86	12.827	1823	1826	1827	rBV	29756	23429	2.29%	0.150%
87	12.851	1827	1830	1838	rVB	700351	621413	60.85%	3.983%
88	12.927	1840	1843	1846	rBV2	48815	55104	5.40%	0.353%
89	12.986	1851	1853	1855	rBV3	22910	27764	2.72%	0.178%
90	13.015	1855	1858	1859	rVV2	39934	42498	4.16%	0.272%
91	13.033	1859	1861	1865	rVB2	65156	68655	6.72%	0.440%
92	13.104	1870	1873	1876	rVB	66197	62413	6.11%	0.400%
93	13.139	1876	1879	1881	rBV	62167	66259	6.49%	0.425%
94	13.227	1892	1894	1897	rVB	46829	45916	4.50%	0.294%
95	13.262	1897	1900	1903	rBV2	48196	57915	5.67%	0.371%
96	13.339	1910	1913	1918	rVB	185087	172567	16.90%	1.106%
97	13.439	1928	1930	1936	rBV5	38159	47969	4.70%	0.307%
98	13.904	2004	2009	2011	rBV2	795616	968611	94.85%	6.209%
99	13.927	2011	2013	2016	rVB	176997	146877	14.38%	0.941%
100	15.321	2247	2250	2254	rVB	334865	382494	37.45%	2.452%

Sum of corrected areas: 15600779

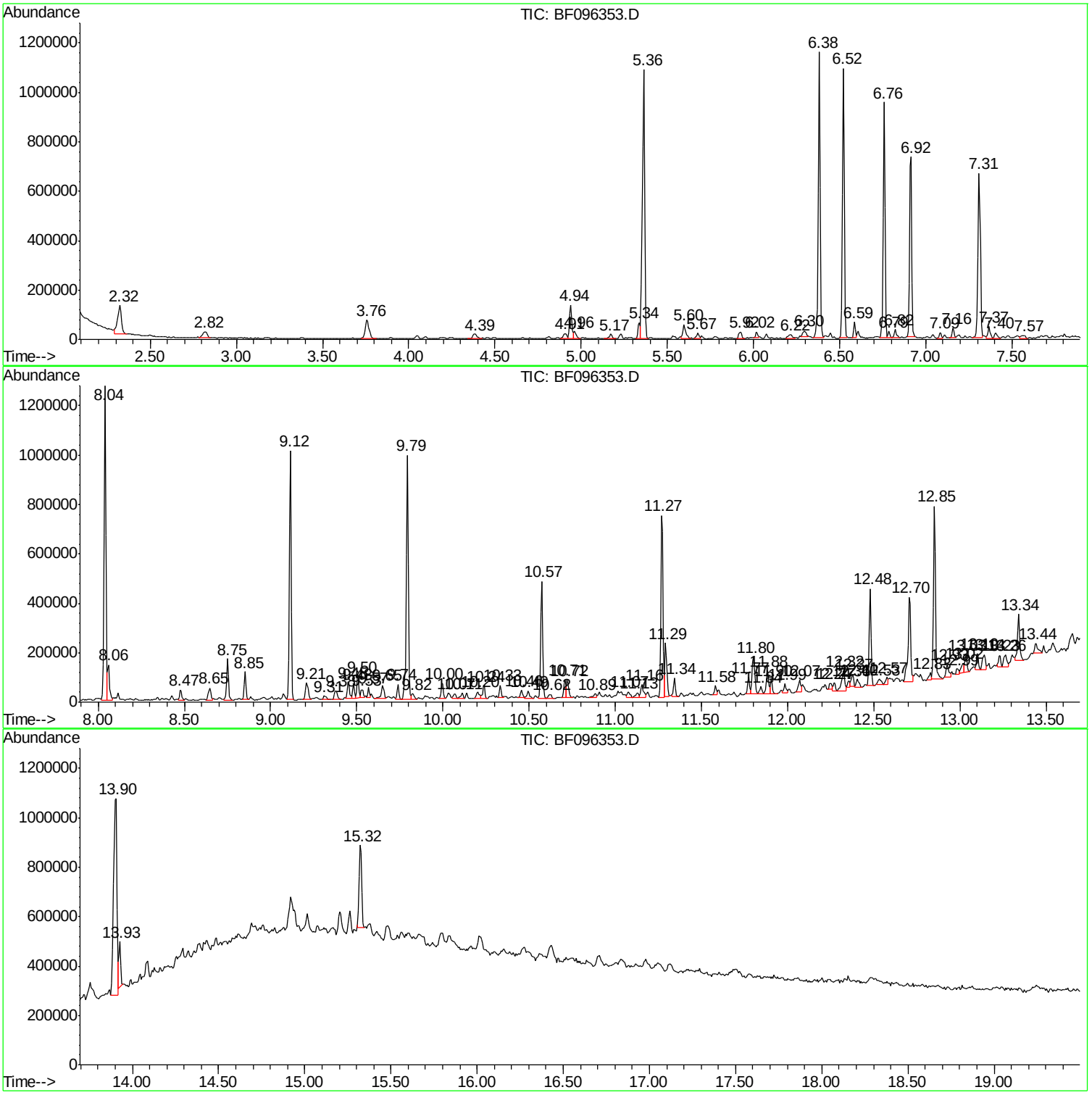
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096353.D
Acq On : 30 Jun 2017 23:07
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-59-1.5-3

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096353.D
Acq On : 30 Jun 2017 23:07
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-59-1.5-3

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

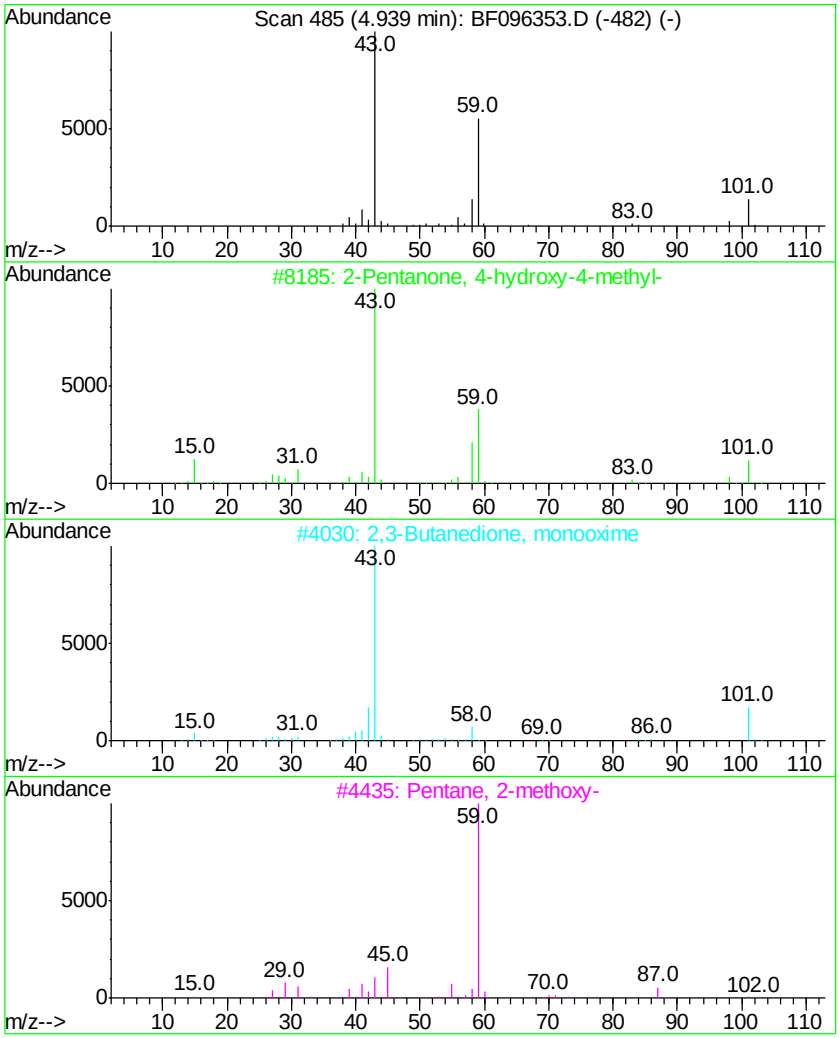
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

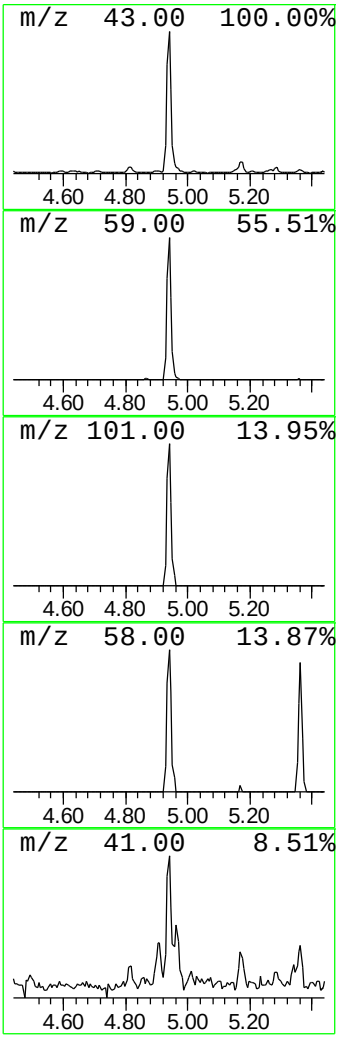
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	3.71 ng	139030	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096353.D
Acq On : 30 Jun 2017 23:07
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-59-1.5-3

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

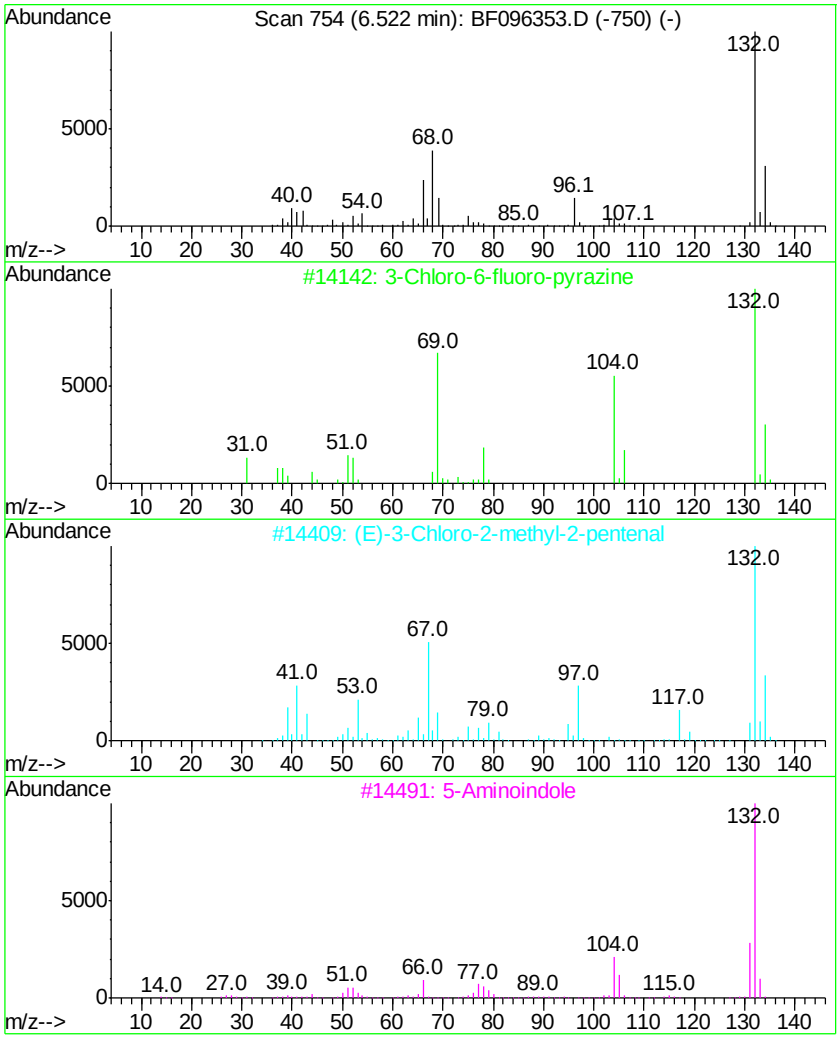
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

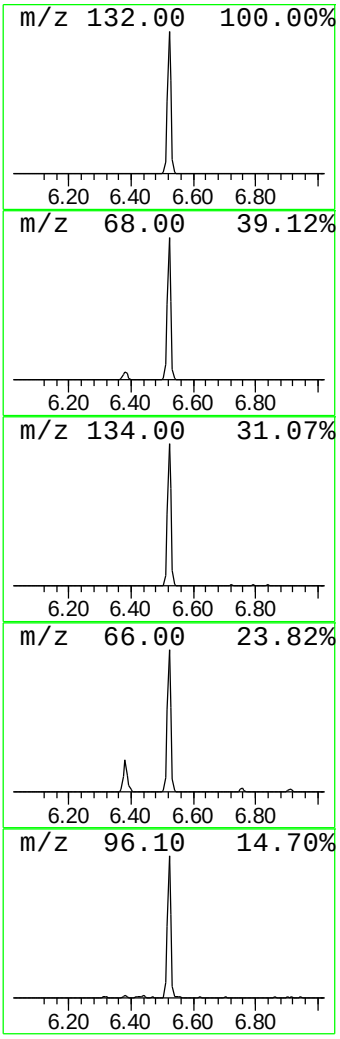
****

Peak Number 4 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	24.25 ng	907941	1,4-Dichlorobenzene-d4	6.76

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096353.D
Acq On : 30 Jun 2017 23:07
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-59-1.5-3

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

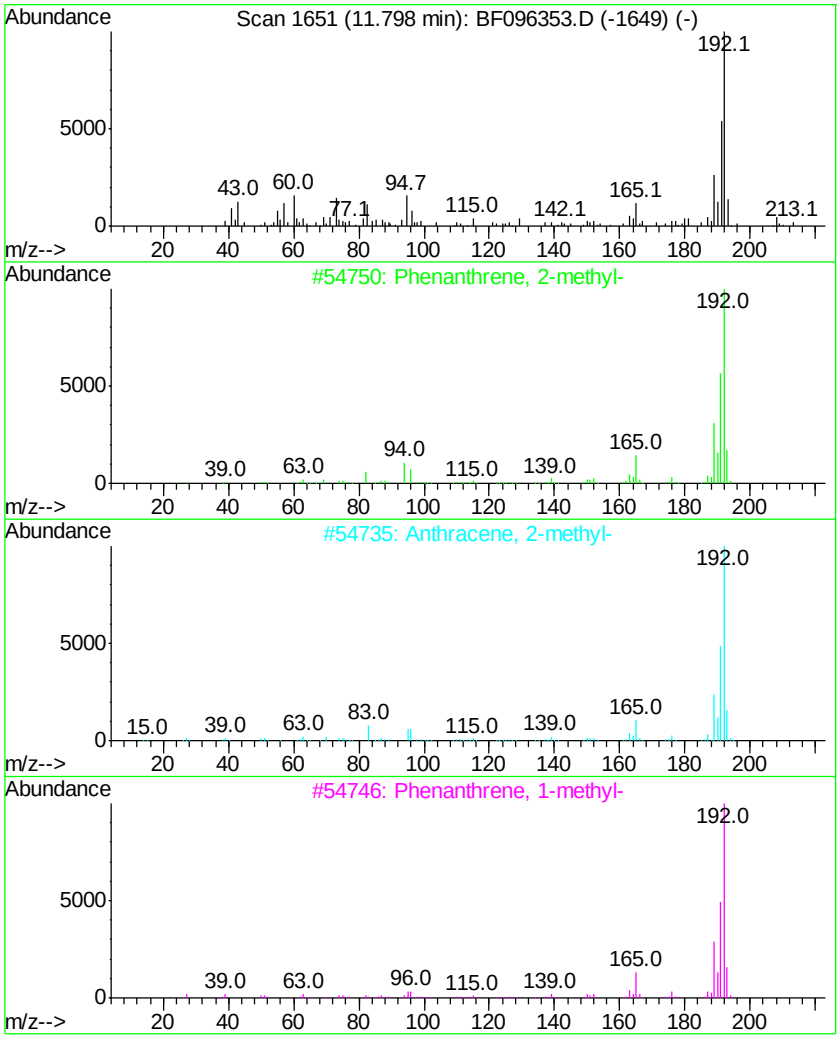
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

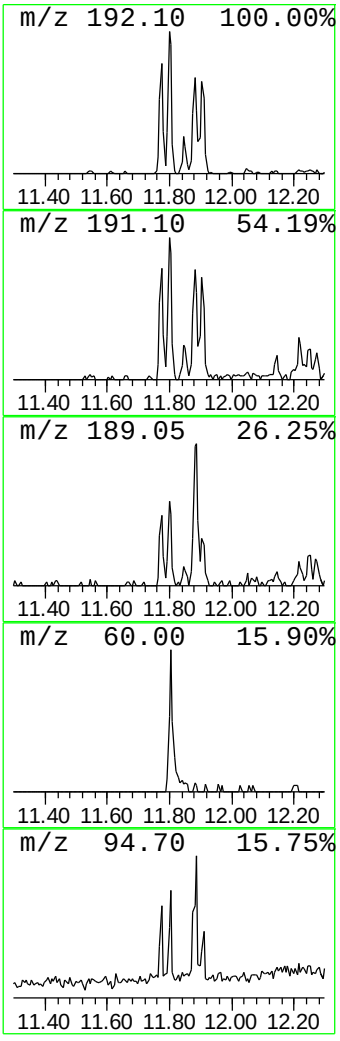
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.97 ng	137515	Phenanthrene-d10	11.27

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	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096353.D
Acq On : 30 Jun 2017 23:07
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-59-1.5-3

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

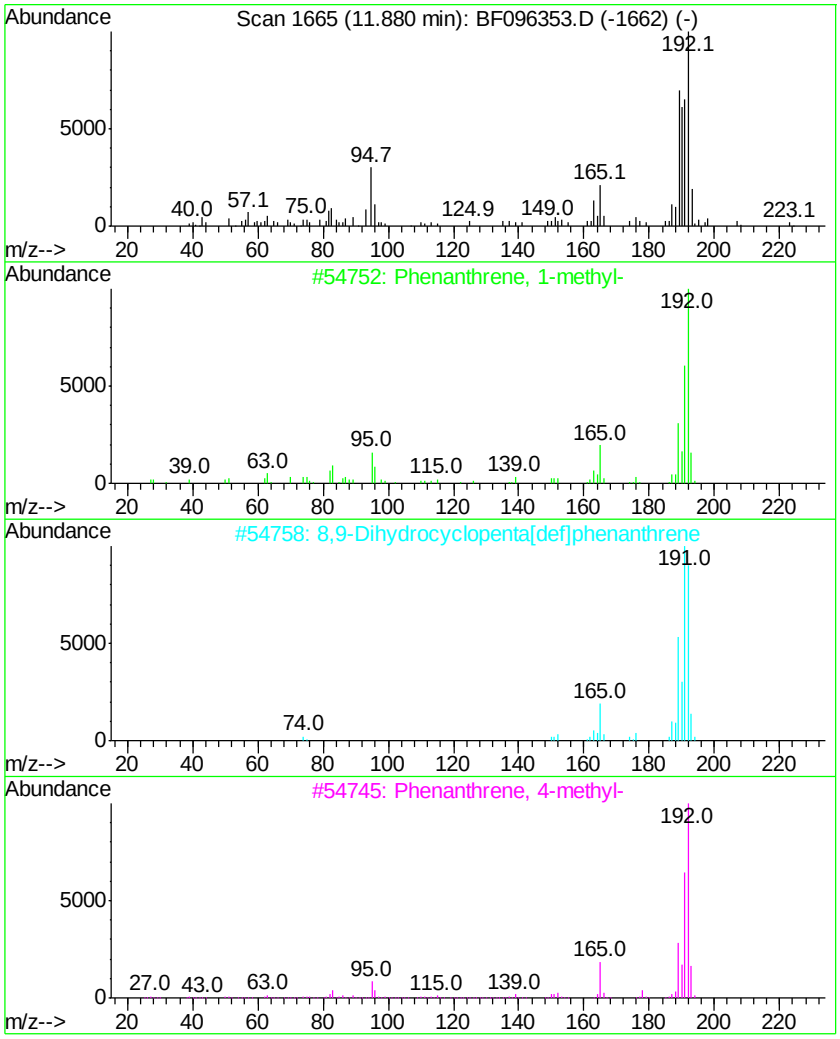
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

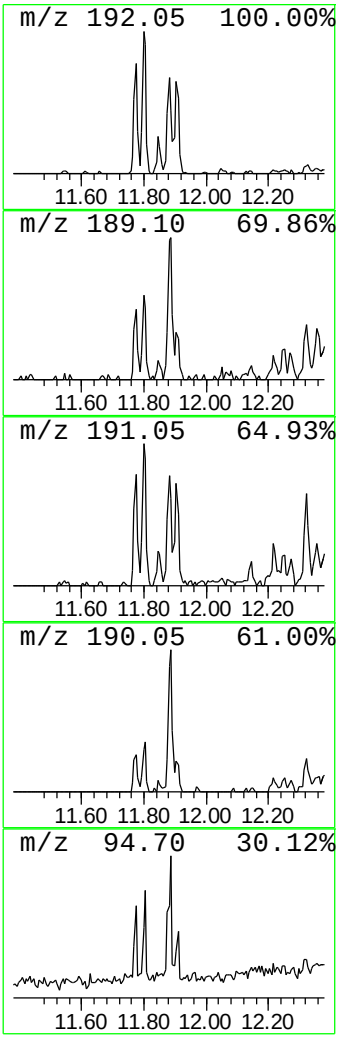
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.98 ng	103271	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	83
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	64
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096353.D
Acq On : 30 Jun 2017 23:07
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-59-1.5-3

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

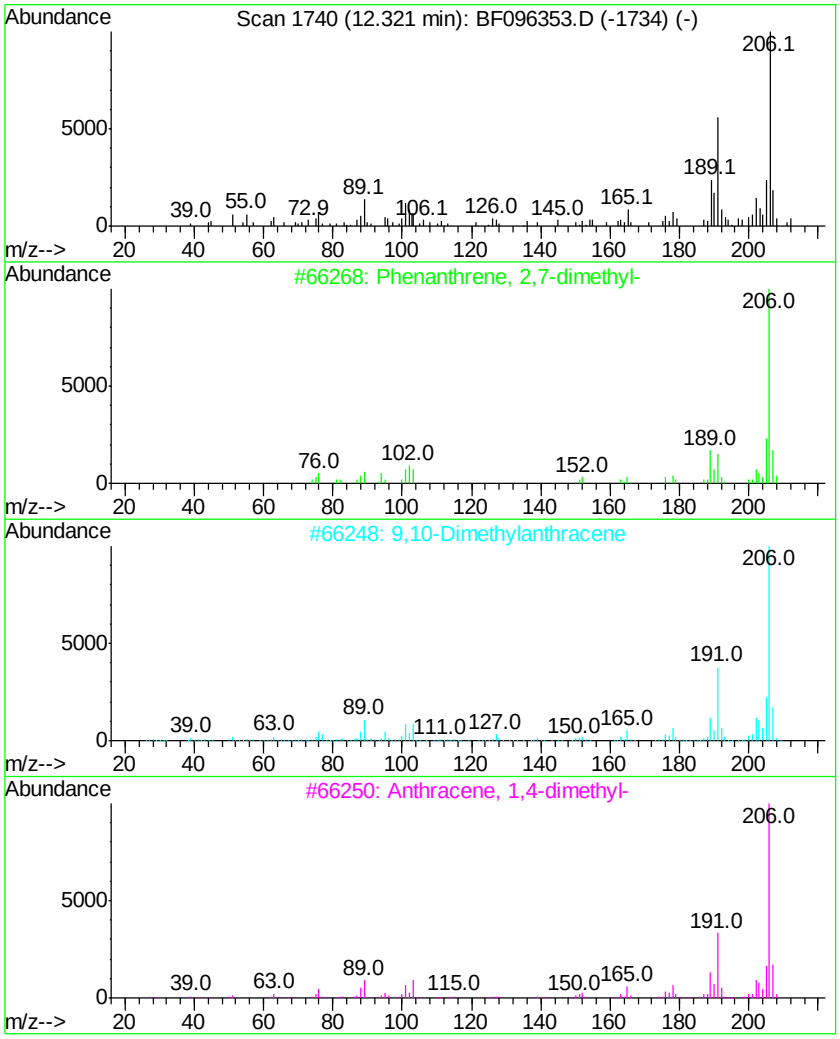
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

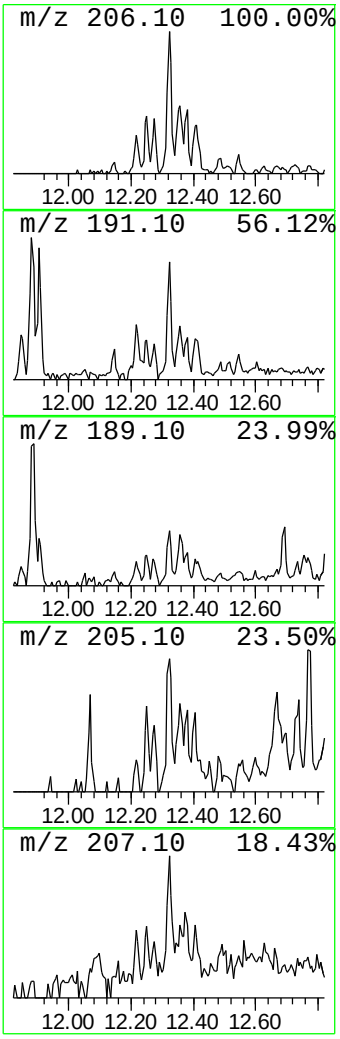
****

Peak Number 8 Phenanthrene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.91 ng	100616	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096353.D
Acq On : 30 Jun 2017 23:07
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-59-1.5-3

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

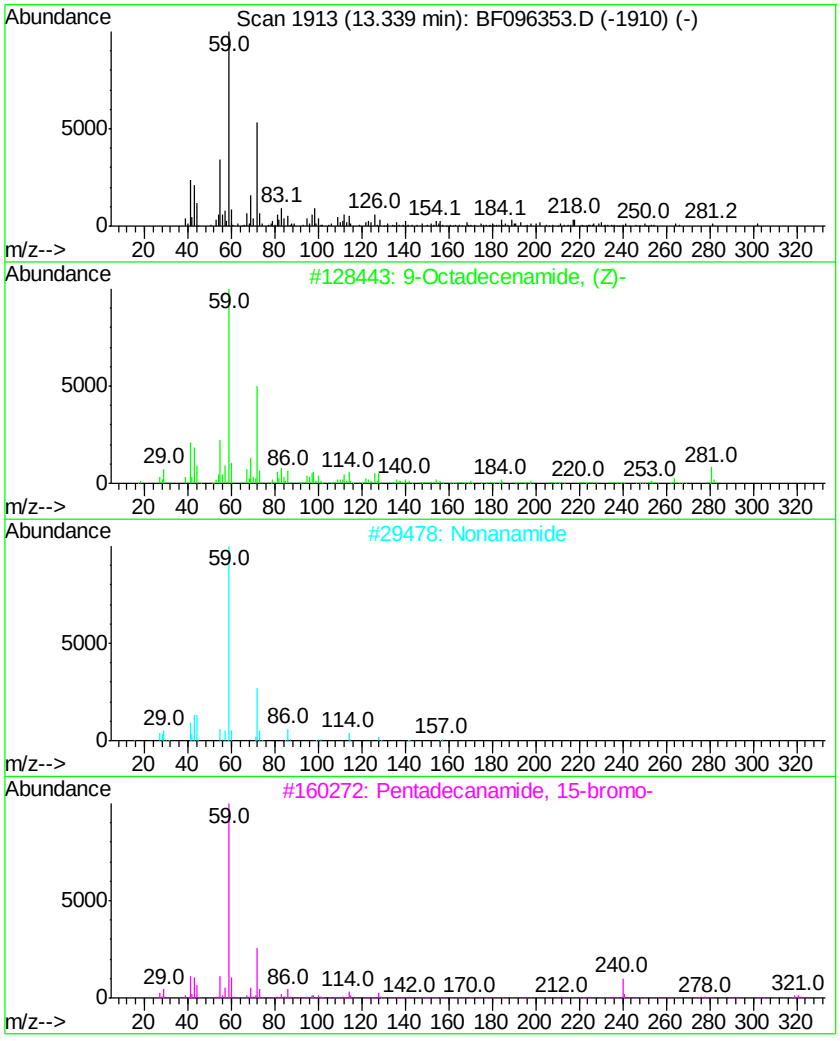
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

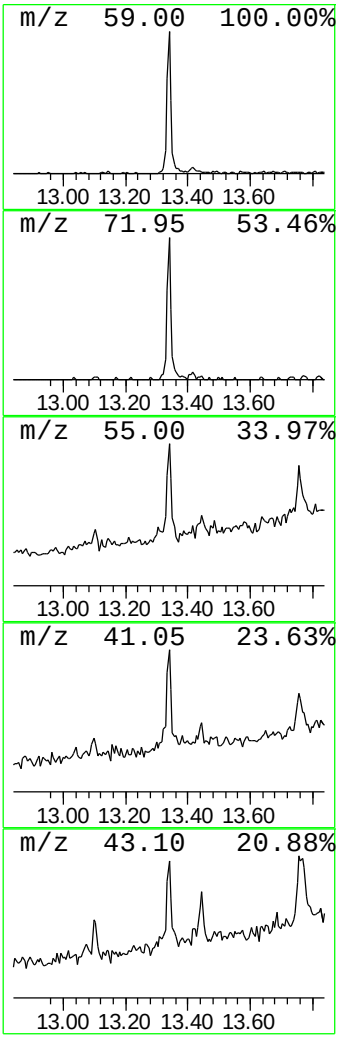
****

Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	3.56 ng	172567	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Nonanamide	157	C9H19NO	001120-07-6	58
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	53
4	Dodecanamide	199	C12H25NO	001120-16-7	50
5	Octanamide	143	C8H17NO	000629-01-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
Data File : BF096353.D
Acq On : 30 Jun 2017 23:07
Operator : SJ/MA
Sample : I3908-08 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-59-1.5-3

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...	4.94	3.7	ng	139030	1	6.76	748824	20.0
unknown6.52	6.52	24.3	ng	907941	1	6.76	748824	20.0
Phenanthrene, 2-m...	11.80	4.0	ng	137515	4	11.27	692257	20.0
Phenanthrene, 1-m...	11.88	3.0	ng	103271	4	11.27	692257	20.0
Phenanthrene, 2,7...	12.32	2.9	ng	100616	4	11.27	692257	20.0
9-Octadecenamide,...	13.34	3.6	ng	172567	5	13.90	968611	20.0