LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096428.D
Acq On : 2 Jul 2017 20:50
Operator : SJ/MA
Sample : I3950-08 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-2-4

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-BF070117.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	2.281	30	33	37	rVB4	16424	23309	1.97%	0.159%
2	2.769	108	116	120	rVB2	14375	25485	2.15%	0.174%
3	3.716	271	277	282	rBV2	21770	36470	3.08%	0.248%
4	4.346	378	384	391	rBV2	17159	27720	2.34%	0.189%
5	4.910	477	480	487	rVB	92544	104838	8.85%	0.714%
6	5.310	544	548	550	rBV	35547	37698	3.18%	0.257%
7	5.340	550	553	561	rVB	779967	689412	58.20%	4.695%
8	5.575	590	593	598	rVB2	27914	31087	2.62%	0.212%
9	5.651	602	606	609	rBV	21414	22635	1.91%	0.154%
10	5.898	644	648	652	rVB2	20041	21157	1.79%	0.144%
11	5.993	661	664	666	rBV	22994	18950	1.60%	0.129%
12	6.193	690	698	701	rBV5	13052	27560	2.33%	0.188%
13	6.275	708	712	717	rVB4	23611	35194	2.97%	0.240%
14	6.363	724	727	734	rVB	851801	707380	59.72%	4.817%
15	6.498	746	750	754	rBV	874997	746769	63.05%	5.085%
16	6.563	758	761	763	rBV	40131	30751	2.60%	0.209%
17	6.587	763	765	767	rVB	36092	26821	2.26%	0.183%
18	6.734	786	790	793	rBV	1188133	960140	81.06%	6.538%
19	6.763	793	795	798	rVB2	31531	25916	2.19%	0.176%
20	6.798	798	801	806	rVB3	18320	19598	1.65%	0.133%
21	6.893	813	817	820	rBV	636379	575388	48.58%	3.918%
22	7.057	842	845	848	rBV2	22497	23813	2.01%	0.162%
23	7.134	854	858	861	rBV	27971	28831	2.43%	0.196%
24	7.287	877	884	888	rBV	513420	453712	38.30%	3.090%
25	7.345	891	894	897	rVV	63139	49219	4.16%	0.335%
26	7.387	897	901	905	rVB3	25804	29546	2.49%	0.201%
27	7.545	924	928	933	rVB4	13284	21826	1.84%	0.149%
28	8.016	1004	1008	1011	rBV	1404745	1184488	100.00%	8.066%
29	8.040	1011	1012	1014	rVB	90653	40838	3.45%	0.278%
30	8.092	1019	1021	1024	rVB	24667	20606	1.74%	0.140%
31	8.457	1080	1083	1087	rBV	47942	43865	3.70%	0.299%
32	8.622	1108	1111	1114	rBV	74259	52860	4.46%	0.360%
33	8.728	1123	1129	1132	rVB	133759	103401	8.73%	0.704%
34	8.828	1142	1146	1149	rBV	87640	68851	5.81%	0.469%

LSC Area Percent Report

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Acq On : 2 Jul 2017 20:50
Operator : SJ/MA
Sample : I3950-08 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-2-4

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-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.987	1168	1173	1175	rVB3	16451	19614	1.66%	0.134%
36	9.051	1182	1184	1187	rVB	36642	28124	2.37%	0.192%
37	9.092	1187	1191	1194	rBV	875736	712165	60.12%	4.850%
38	9.187	1203	1207	1212	rVB2	105887	99444	8.40%	0.677%
39	9.287	1221	1224	1229	rVB	16651	20052	1.69%	0.137%
40	9.351	1229	1235	1241	rVB2	44643	55484	4.68%	0.378%
41	9.428	1246	1248	1250	rBV	58856	48359	4.08%	0.329%
42	9.457	1250	1253	1255	rVB	48666	39920	3.37%	0.272%
43	9.481	1255	1257	1260	rBV	101138	94705	8.00%	0.645%
44	9.510	1260	1262	1264	rVB	41027	29894	2.52%	0.204%
45	9.628	1278	1282	1285	rBV	82629	67538	5.70%	0.460%
46	9.716	1294	1297	1301	rVB	81649	63642	5.37%	0.433%
47	9.769	1301	1306	1309	rBV	1164598	1008749	85.16%	6.869%
48	9.798	1309	1311	1315	rVB3	30944	32470	2.74%	0.221%
49	9.875	1320	1324	1329	rBV4	15774	24290	2.05%	0.165%
50	9.969	1337	1340	1344	rVB	64810	59161	4.99%	0.403%
51	10.010	1344	1347	1349	rVV	27394	23153	1.95%	0.158%
52	10.039	1349	1352	1356	rVV4	18807	22373	1.89%	0.152%
53	10.086	1356	1360	1363	rVV2	29032	32084	2.71%	0.218%
54	10.116	1363	1365	1368	rVB2	33774	26821	2.26%	0.183%
55	10.181	1371	1376	1379	rVV3	33905	42082	3.55%	0.287%
56	10.210	1379	1381	1384	rVB	65757	54450	4.60%	0.371%
57	10.310	1395	1398	1400	rBV2	51709	40480	3.42%	0.276%
58	10.428	1415	1418	1422	rBV2	36445	36872	3.11%	0.251%
59	10.469	1423	1425	1431	rVB3	28004	33623	2.84%	0.229%
60	10.551	1435	1439	1443	rBV2	333060	314793	26.58%	2.144%
61	10.598	1443	1447	1449	rBV4	18396	21185	1.79%	0.144%
62	10.686	1458	1462	1463	rBV3	84816	92408	7.80%	0.629%
63	11.051	1521	1524	1529	rVB2	36176	39124	3.30%	0.266%
64	11.098	1529	1532	1535	rBV3	25684	36348	3.07%	0.248%
65	11.133	1535	1538	1541	rVV3	75321	83005	7.01%	0.565%
66	11.163	1541	1543	1547	rVB	32292	29236	2.47%	0.199%
67	11.245	1554	1557	1560	rBV	942345	901588	76.12%	6.140%
68	11.269	1560	1561	1564	rVB	252329	152220	12.85%	1.037%
69	11.322	1567	1570	1573	rVB	173596	139693	11.79%	0.951%
70	11.357	1573	1576	1579	rBV4	20959	25973	2.19%	0.177%
71	11.428	1583	1588	1591	rBV6	22375	36378	3.07%	0.248%

LSC Area Percent Report

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Data File : BF096428.D
Acq On : 2 Jul 2017 20:50
Operator : SJ/MA
Sample : I3950-08 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-2-4

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.475	1593	1596	1600	rBV	31295	28797	2.43%	0.196%
73	11.516	1600	1603	1608	rBV7	14250	24733	2.09%	0.168%
74	11.557	1608	1610	1612	rBV	59593	47381	4.00%	0.323%
75	11.751	1640	1643	1645	rVV	42629	45802	3.87%	0.312%
76	11.775	1645	1647	1651	rVV	94858	81998	6.92%	0.558%
77	11.822	1652	1655	1658	rVV2	33375	33411	2.82%	0.228%
78	11.857	1658	1661	1664	rVV	88494	96260	8.13%	0.656%
79	11.880	1664	1665	1669	rVB	48051	31355	2.65%	0.214%
80	11.963	1676	1679	1681	rBV	46028	37082	3.13%	0.253%
81	12.045	1690	1693	1694	rBV	41862	33481	2.83%	0.228%
82	12.063	1694	1696	1701	rVB5	35414	33702	2.85%	0.230%
83	12.227	1721	1724	1725	rBV2	21564	20440	1.73%	0.139%
84	12.245	1725	1727	1729	rVB2	29176	24315	2.05%	0.166%
85	12.298	1733	1736	1739	rBV2	67851	71677	6.05%	0.488%
86	12.333	1739	1742	1743	rVV3	28103	30537	2.58%	0.208%
87	12.351	1743	1745	1747	rVV	65022	51993	4.39%	0.354%
88	12.380	1747	1750	1755	rVB2	40345	54186	4.57%	0.369%
89	12.457	1760	1763	1766	rVB	367490	319267	26.95%	2.174%
90	12.680	1796	1801	1804	rBV	357886	352572	29.77%	2.401%
91	12.827	1823	1826	1833	rVB	557627	504054	42.55%	3.432%
92	12.898	1836	1838	1841	rBV2	36369	44568	3.76%	0.303%
93	13.074	1866	1868	1871	rVB	59770	52234	4.41%	0.356%
94	13.116	1872	1875	1878	rVV	59704	56691	4.79%	0.386%
95	13.316	1906	1909	1912	rVB	161783	130038	10.98%	0.886%
96	13.510	1940	1942	1945	rBV2	41969	51018	4.31%	0.347%
97	13.874	2000	2004	2007	rBV2	701532	809176	68.31%	5.510%
98	13.904	2007	2009	2011	rVB	152412	114317	9.65%	0.778%
99	14.886	2173	2176	2179	rBV	152696	210605	17.78%	1.434%
100	15.292	2241	2245	2249	rVB	346728	389510	32.88%	2.652%

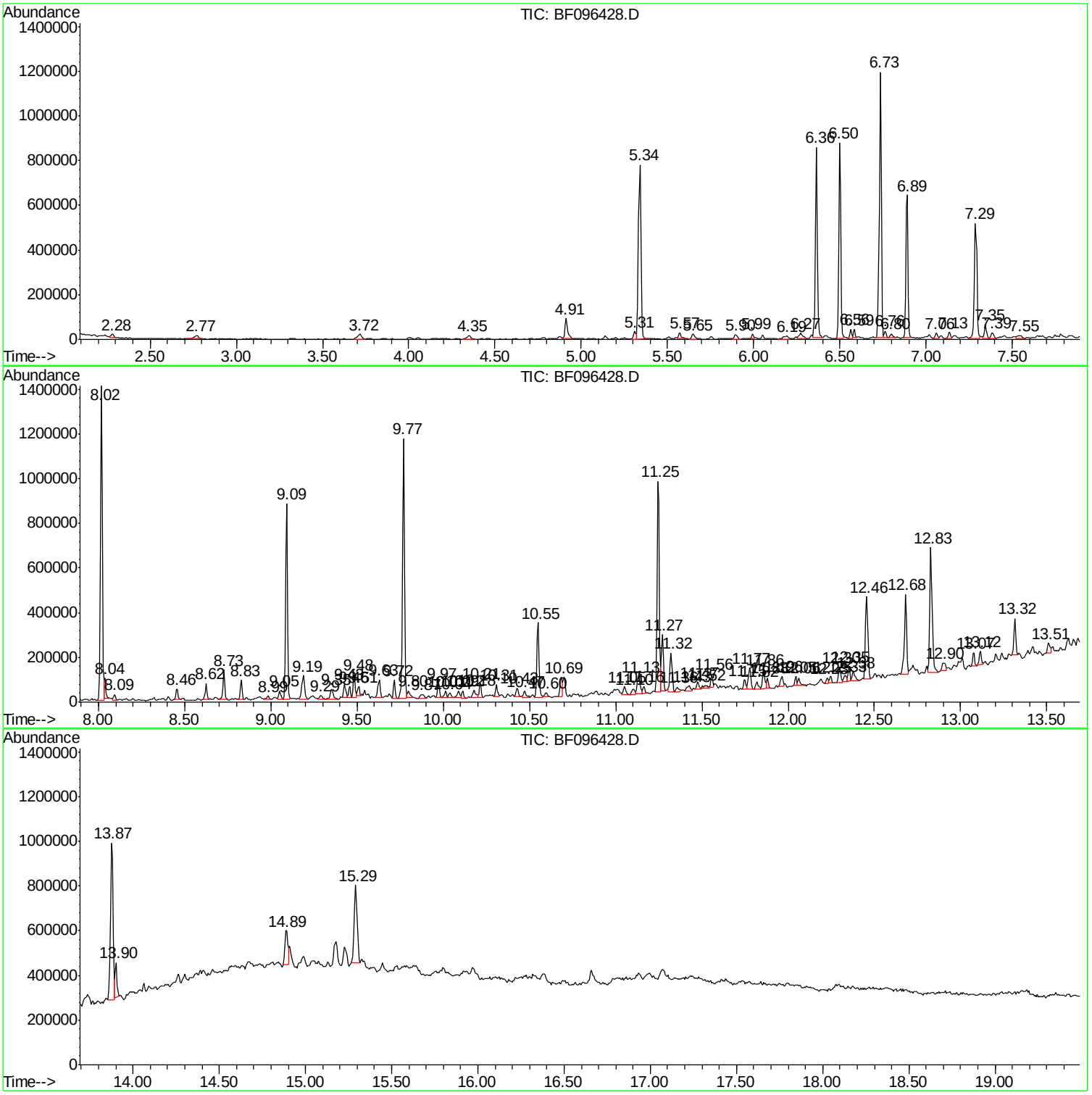
Sum of corrected areas: 14684834

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096428.D
Acq On : 2 Jul 2017 20:50
Operator : SJ/MA
Sample : I3950-08 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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\BF070217\
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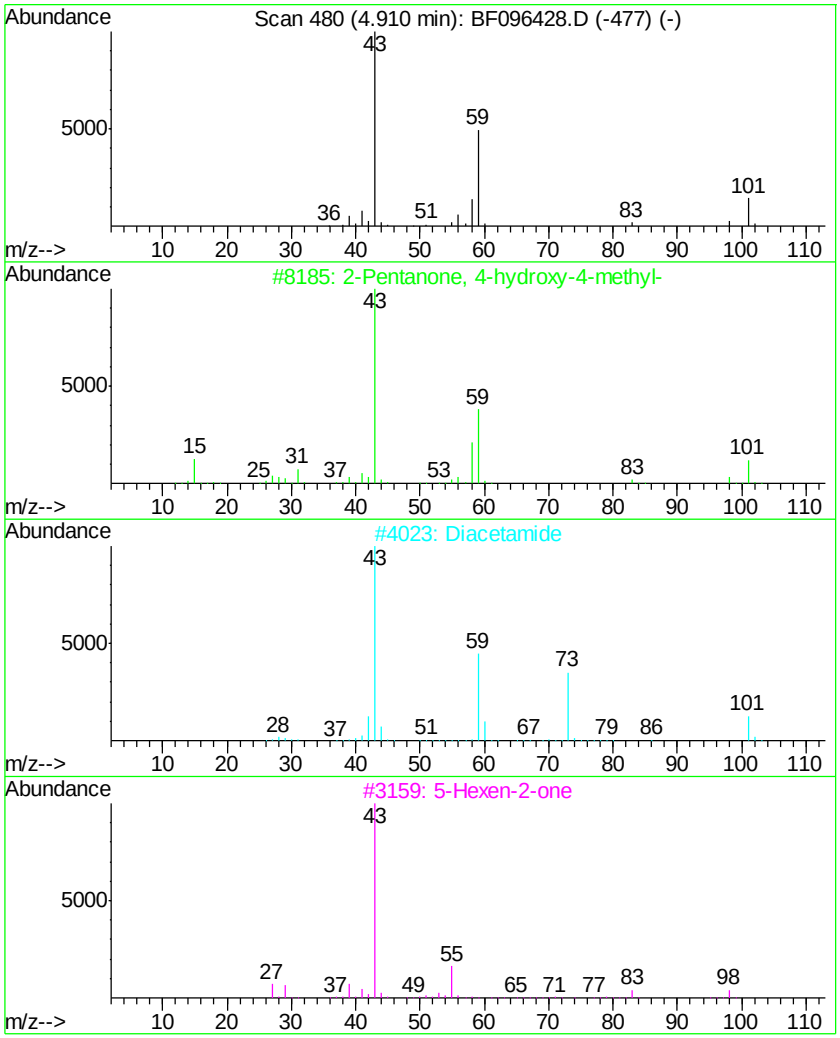
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

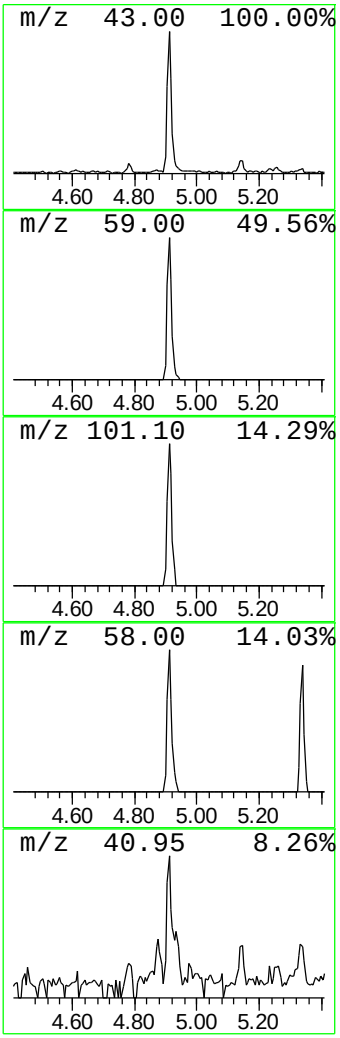
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.18 ng	104838	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Diacetamide	101	C4H7NO2	000625-77-4	38
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9
5	3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	7





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096428.D
Acq On : 2 Jul 2017 20:50
Operator : SJ/MA
Sample : I3950-08 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

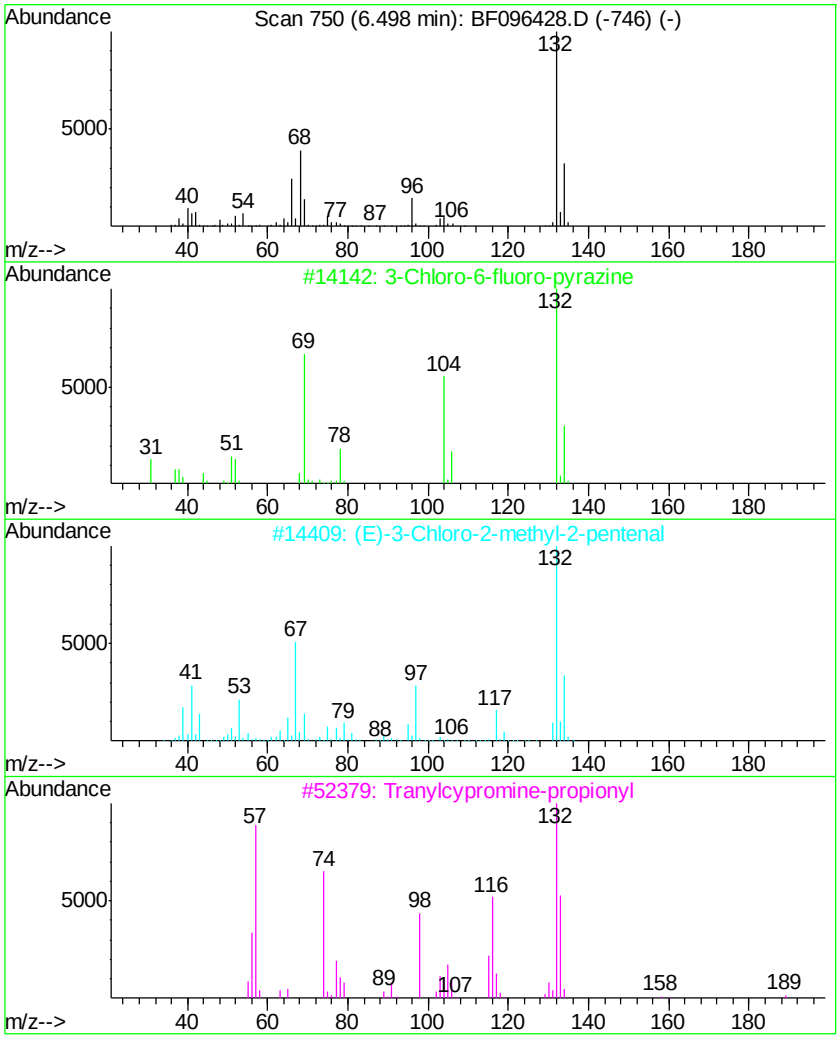
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

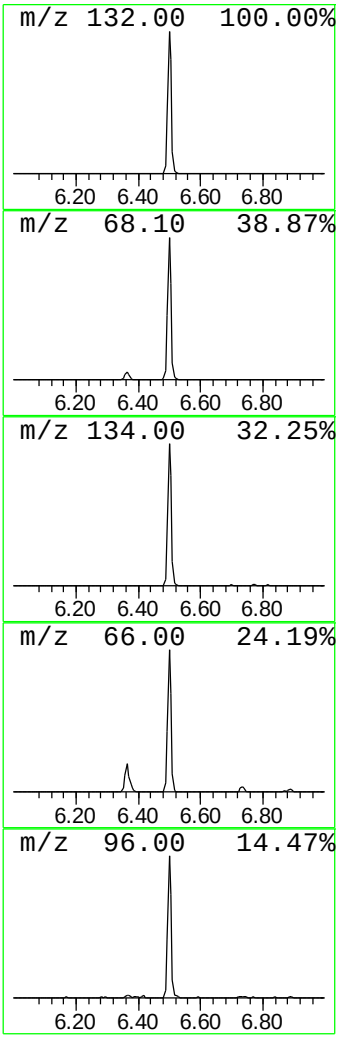
****

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	15.56 ng	746769	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Instrument : BNA_F
ClientSampleId : B5-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

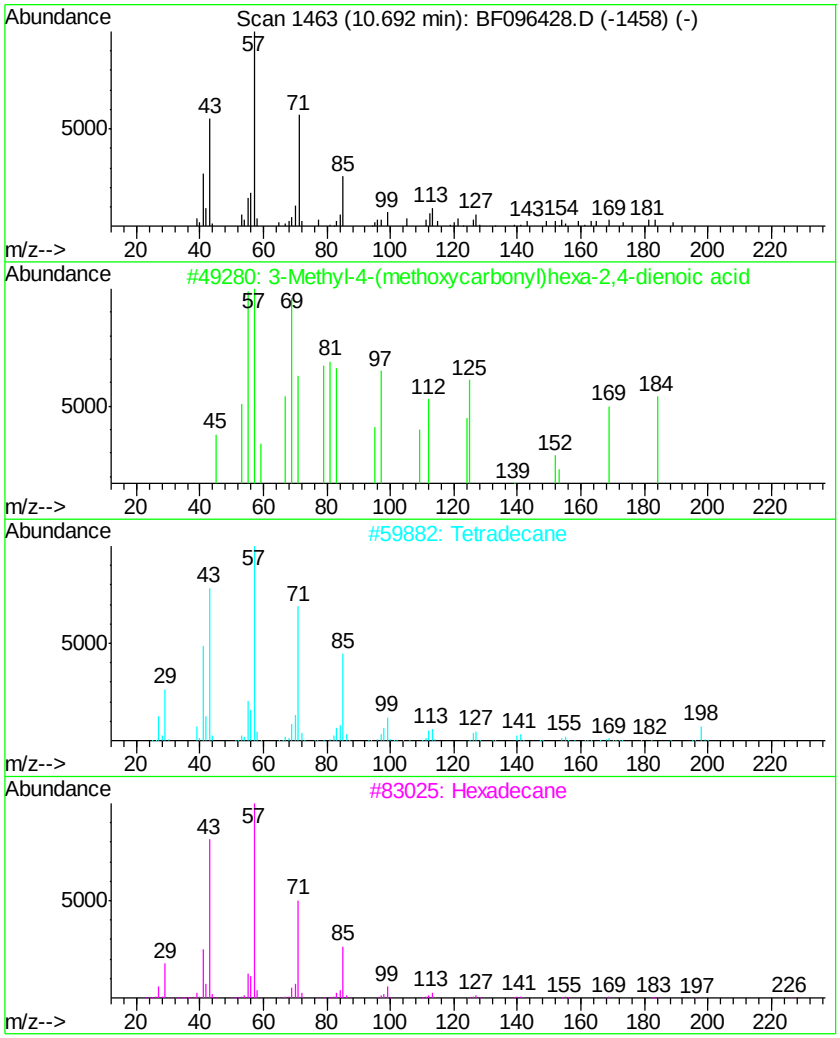
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

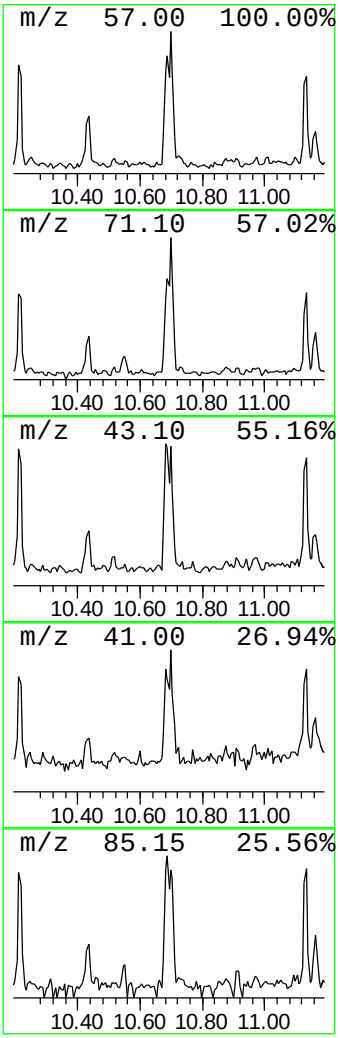
****

Peak Number 4 3-Methyl-4-(methoxycarbonyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.05 ng	92408	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	95
2	Tetradecane	198	C14H30	000629-59-4	83
3	Hexadecane	226	C16H34	000544-76-3	58
4	Tridecane	184	C13H28	000629-50-5	53
5	Octacosane	394	C28H58	000630-02-4	52





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
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Acq On : 2 Jul 2017 20:50
Operator : SJ/MA
Sample : I3950-08 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

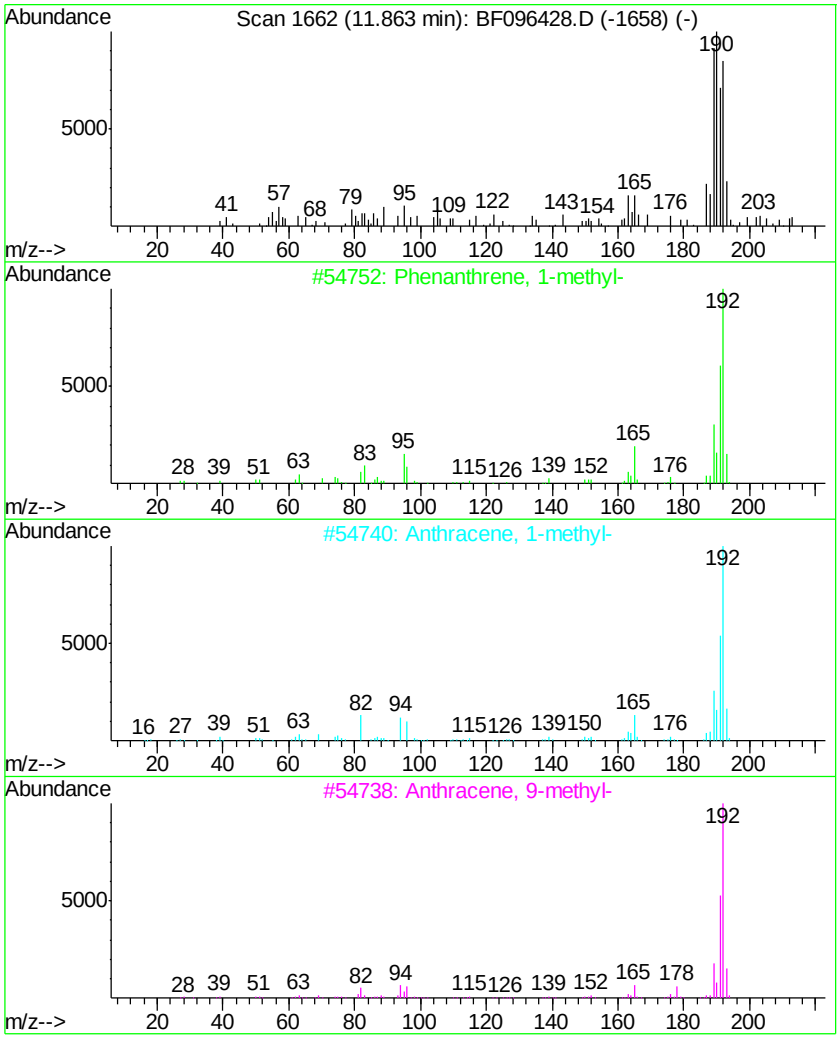
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

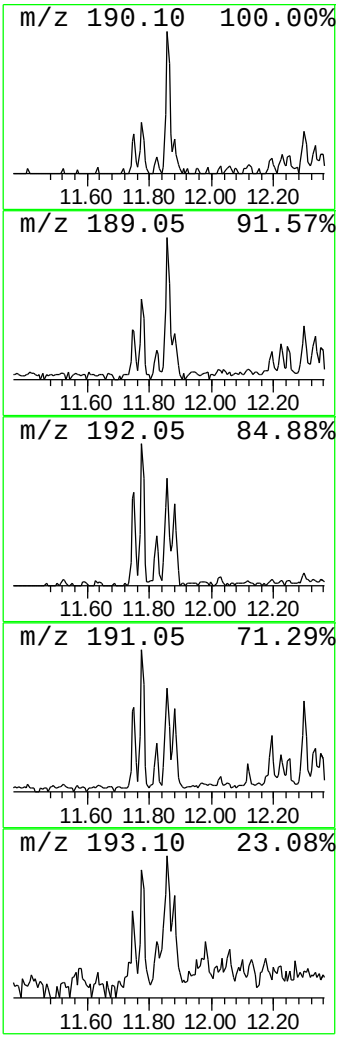
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.14 ng	96260	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096428.D
Acq On : 2 Jul 2017 20:50
Operator : SJ/MA
Sample : I3950-08 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

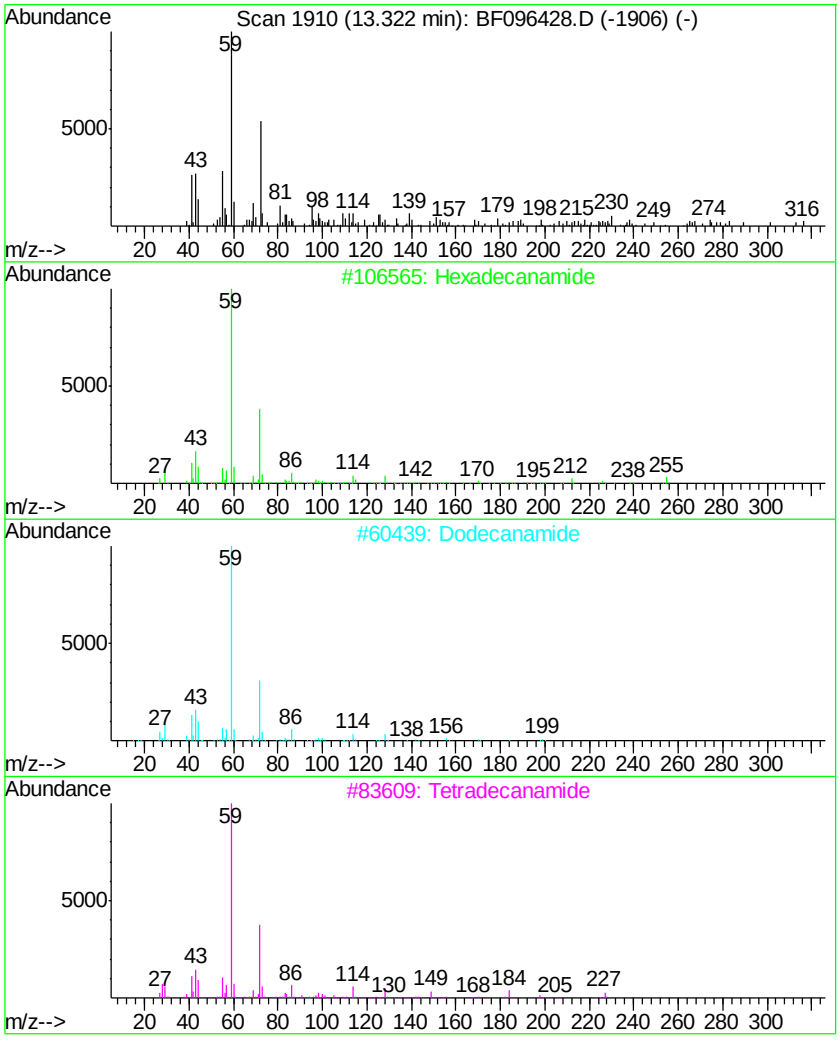
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

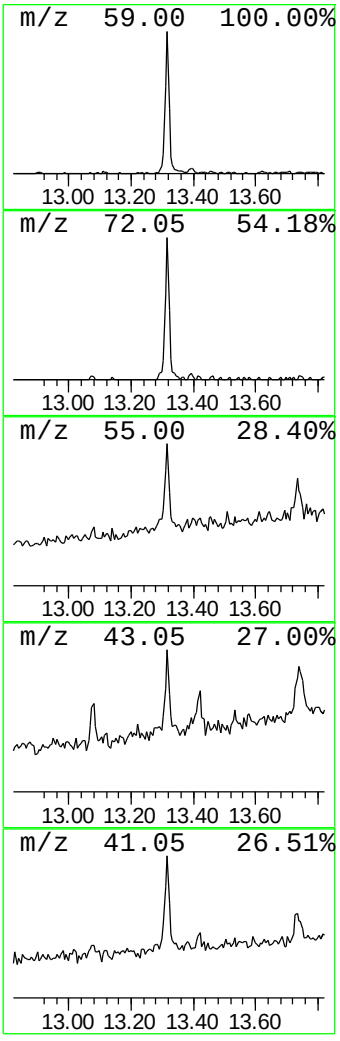
****

Peak Number 6 Hexadecanamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	3.21 ng	130038	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	59
2	Dodecanamide	199	C12H25NO	001120-16-7	59
3	Tetradecanamide	227	C14H29NO	000638-58-4	56
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	46
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096428.D
Acq On : 2 Jul 2017 20:50
Operator : SJ/MA
Sample : I3950-08 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-2-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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...	4.91	2.2	ng	104838	1	6.73	960140	20.0
unknown6.50	6.50	15.6	ng	746769	1	6.73	960140	20.0
3-Methyl-4-(metho...	10.69	2.0	ng	92408	4	11.25	901588	20.0
Phenanthrene, 1-m...	11.86	2.1	ng	96260	4	11.25	901588	20.0
Hexadecanamide	13.32	3.2	ng	130038	5	13.88	809176	20.0