LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087375.D
Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

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-BF052316.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	1.644	4	5	43	rVB	2483859	4559163	100.00%	9.489%
2	4.787	278	280	294	rBV	97247	289320	6.35%	0.602%
3	5.290	322	324	332	rVB2	29598	85490	1.88%	0.178%
4	5.427	332	336	345	rBV	2411531	4205646	92.25%	8.753%
5	5.553	345	347	352	rVB2	21229	50083	1.10%	0.104%
6	6.902	463	465	468	rBV	28005	49153	1.08%	0.102%
7	7.062	476	479	482	rBV	2541730	4141944	90.85%	8.621%
8	7.176	486	489	494	rVV	3087109	4343609	95.27%	9.040%
9	7.313	498	501	506	rVB	29805	48528	1.06%	0.101%
10	7.519	517	519	524	rBV	613414	782874	17.17%	1.629%
11	7.599	524	526	529	rVB	35812	51710	1.13%	0.108%
12	7.759	537	540	542	rBV	2172195	3016995	66.17%	6.279%
13	8.113	569	571	574	rVB2	28407	48580	1.07%	0.101%
14	8.433	596	599	607	rVV	1986726	2711988	59.48%	5.644%
15	8.547	607	609	614	rVB2	40110	71169	1.56%	0.148%
16	8.765	626	628	633	rBV3	40700	93815	2.06%	0.195%
17	9.542	694	696	699	rBV	635390	971257	21.30%	2.021%
18	9.633	702	704	710	rVB2	66346	106476	2.34%	0.222%
19	9.759	712	715	717	rVB2	43743	58702	1.29%	0.122%
20	10.159	746	750	753	rBV3	18075	46560	1.02%	0.097%
21	10.273	756	760	762	rBV	29659	50708	1.11%	0.106%
22	10.342	762	766	768	rBV	52856	91662	2.01%	0.191%
23	10.616	787	790	794	rVB	150968	191243	4.19%	0.398%
24	10.719	796	799	802	rVV	64713	113791	2.50%	0.237%
25	10.868	809	812	814	rBV	41447	57876	1.27%	0.120%
26	11.085	828	831	834	rBV2	27102	49533	1.09%	0.103%
27	11.325	849	852	855	rBV	2527720	3508413	76.95%	7.302%
28	11.542	868	871	875	rVB	108306	156032	3.42%	0.325%
29	11.622	875	878	885	rVB4	25760	80357	1.76%	0.167%
30	11.725	885	887	892	rBV2	37509	92082	2.02%	0.192%
31	11.851	896	898	900	rVV	71633	105885	2.32%	0.220%
32	11.896	900	902	904	rVB	52514	75904	1.66%	0.158%
33	12.022	910	913	915	rBV	311130	504116	11.06%	1.049%
34	12.056	915	916	918	rVV2	49642	51744	1.13%	0.108%

LSC Area Percent Report

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Data File : BF087375.D
Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.376	941	944	952	rBV2	683941	1171429	25.69%	2.438%
36	12.582	959	962	965	rBV	24174	50940	1.12%	0.106%
37	12.742	972	976	978	rBV2	46081	97824	2.15%	0.204%
38	12.799	978	981	985	rVV2	62367	113555	2.49%	0.236%
39	12.914	989	991	994	rVB	60334	97809	2.15%	0.204%
40	12.971	994	996	999	rVB2	49584	77257	1.69%	0.161%
41	13.062	1002	1004	1008	rVV	30852	49288	1.08%	0.103%
42	13.142	1008	1011	1014	rVV	39336	52538	1.15%	0.109%
43	13.211	1014	1017	1019	rVV	134971	196362	4.31%	0.409%
44	13.268	1019	1022	1026	rVV3	48362	105948	2.32%	0.221%
45	13.348	1026	1029	1033	rVV2	34447	66131	1.45%	0.138%
46	13.576	1043	1049	1051	rBV2	54998	145261	3.19%	0.302%
47	13.668	1054	1057	1060	rBV	1541501	2131086	46.74%	4.435%
48	13.736	1062	1063	1067	rVB2	29271	54129	1.19%	0.113%
49	13.988	1082	1085	1089	rBV2	134775	285225	6.26%	0.594%
50	14.205	1098	1104	1106	rBV2	42153	93566	2.05%	0.195%
51	14.399	1119	1121	1122	rBV2	30213	47897	1.05%	0.100%
52	14.502	1127	1130	1133	rVB2	42010	76817	1.68%	0.160%
53	14.571	1133	1136	1138	rBV3	29962	58502	1.28%	0.122%
54	14.719	1146	1149	1151	rBV	100070	132071	2.90%	0.275%
55	14.777	1151	1154	1155	rBV	554549	850412	18.65%	1.770%
56	14.811	1155	1157	1160	rVB	233026	294927	6.47%	0.614%
57	14.902	1160	1165	1169	rVB	47715	87524	1.92%	0.182%
58	14.994	1170	1173	1174	rBV	55064	84386	1.85%	0.176%
59	15.097	1180	1182	1185	rVB	45040	63229	1.39%	0.132%
60	15.165	1185	1188	1190	rBV3	21521	48220	1.06%	0.100%
61	15.222	1190	1193	1197	rBV5	25799	82690	1.81%	0.172%
62	15.302	1197	1200	1206	rVV3	107458	287821	6.31%	0.599%
63	15.394	1206	1208	1210	rVV	91002	110966	2.43%	0.231%
64	15.428	1210	1211	1215	rVB2	39023	59884	1.31%	0.125%
65	15.565	1220	1223	1225	rBV	130625	147810	3.24%	0.308%
66	15.611	1225	1227	1231	rBV	158880	287139	6.30%	0.598%
67	15.714	1234	1236	1238	rBV	80461	139380	3.06%	0.290%
68	15.760	1238	1240	1244	rVB2	142804	224563	4.93%	0.467%
69	15.874	1247	1250	1252	rBV3	50169	74123	1.63%	0.154%
70	15.908	1252	1253	1257	rVB3	28271	58427	1.28%	0.122%
71	16.000	1258	1261	1267	rBV4	116018	360270	7.90%	0.750%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087375.D
Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.114	1269	1271	1273	rVB	63551	70996	1.56%	0.148%
73	16.217	1278	1280	1283	rBV2	61629	130731	2.87%	0.272%
74	16.274	1283	1285	1286	rBV	65229	75024	1.65%	0.156%
75	16.308	1286	1288	1290	rVB	52957	73459	1.61%	0.153%
76	16.365	1290	1293	1295	rBV	184001	349021	7.66%	0.726%
77	16.445	1299	1300	1302	rVB	65178	64154	1.41%	0.134%
78	16.491	1302	1304	1306	rBV2	48704	77166	1.69%	0.161%
79	16.548	1306	1309	1310	rBV2	122873	217174	4.76%	0.452%
80	16.571	1310	1311	1313	rVB	230470	217654	4.77%	0.453%
81	16.617	1313	1315	1317	rVB	67731	81004	1.78%	0.169%
82	16.674	1317	1320	1323	rBV3	85558	158671	3.48%	0.330%
83	16.754	1323	1327	1330	rBV3	174878	399994	8.77%	0.832%
84	16.880	1335	1338	1340	rBV	220932	330104	7.24%	0.687%
85	16.971	1343	1346	1347	rBV2	158257	218219	4.79%	0.454%
86	17.051	1350	1353	1354	rBV	78771	125347	2.75%	0.261%
87	17.131	1357	1360	1362	rVB	1410073	2085533	45.74%	4.341%
88	17.200	1363	1366	1367	rBV3	73813	137084	3.01%	0.285%
89	17.257	1370	1371	1373	rVV	152825	162754	3.57%	0.339%
90	17.474	1388	1390	1392	rBV	88238	135194	2.97%	0.281%
91	17.520	1392	1394	1396	rVV	85412	135154	2.96%	0.281%
92	17.600	1399	1401	1404	rVV2	116789	239431	5.25%	0.498%
93	17.680	1406	1408	1415	rVB3	98952	234452	5.14%	0.488%
94	17.920	1427	1429	1431	rBV	291953	313589	6.88%	0.653%
95	18.160	1447	1450	1459	rBV5	294725	840793	18.44%	1.750%
96	18.468	1474	1477	1479	rBV2	623872	791408	17.36%	1.647%
97	19.371	1554	1556	1560	rBV2	141384	329742	7.23%	0.686%
98	20.137	1621	1623	1628	rVB	383593	576119	12.64%	1.199%
99	21.040	1700	1702	1707	rVB2	150405	249787	5.48%	0.520%

Sum of corrected areas: 48047572

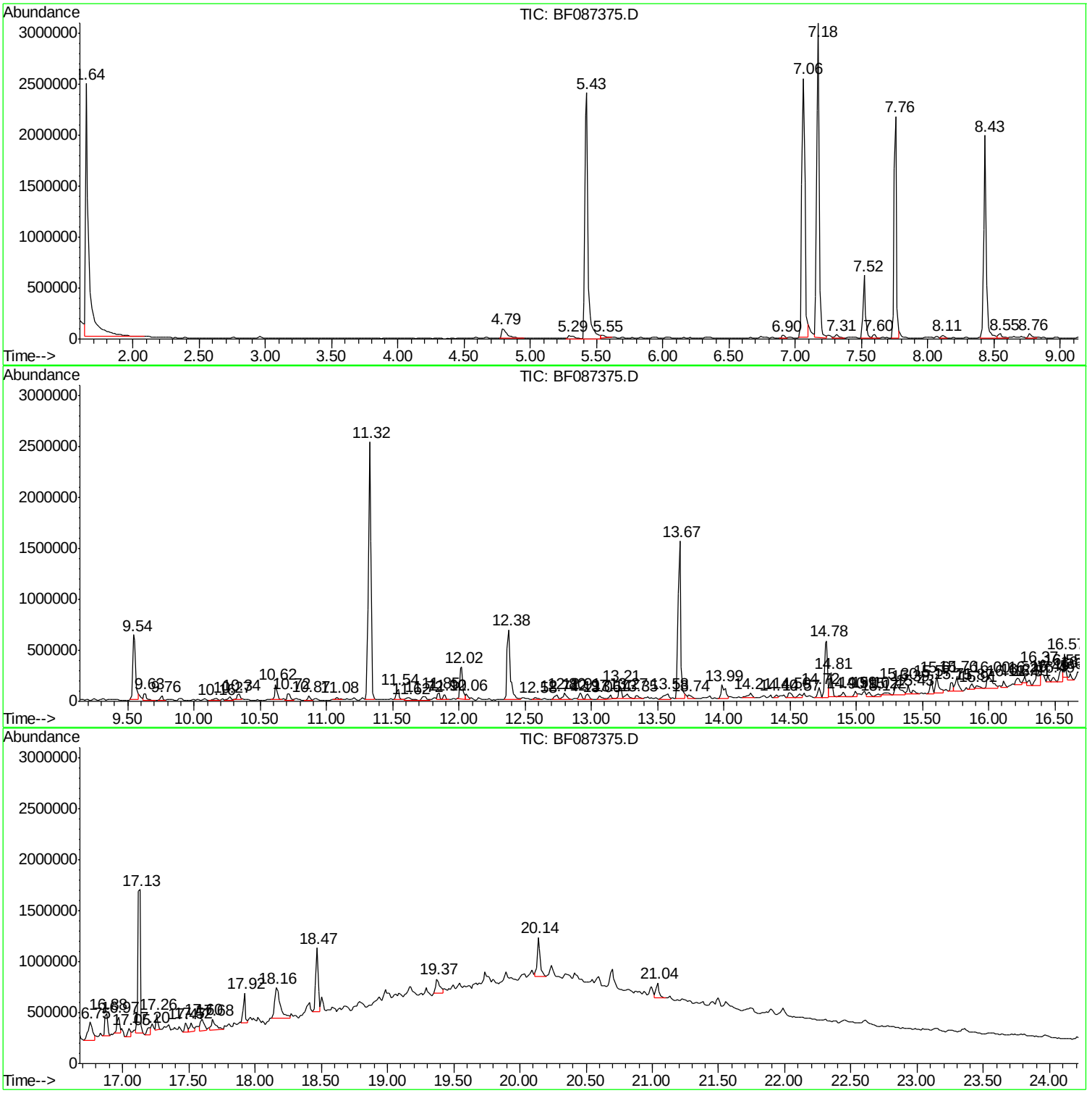
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087375.D
Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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\BF052516\
Data File : BF087375.D
Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

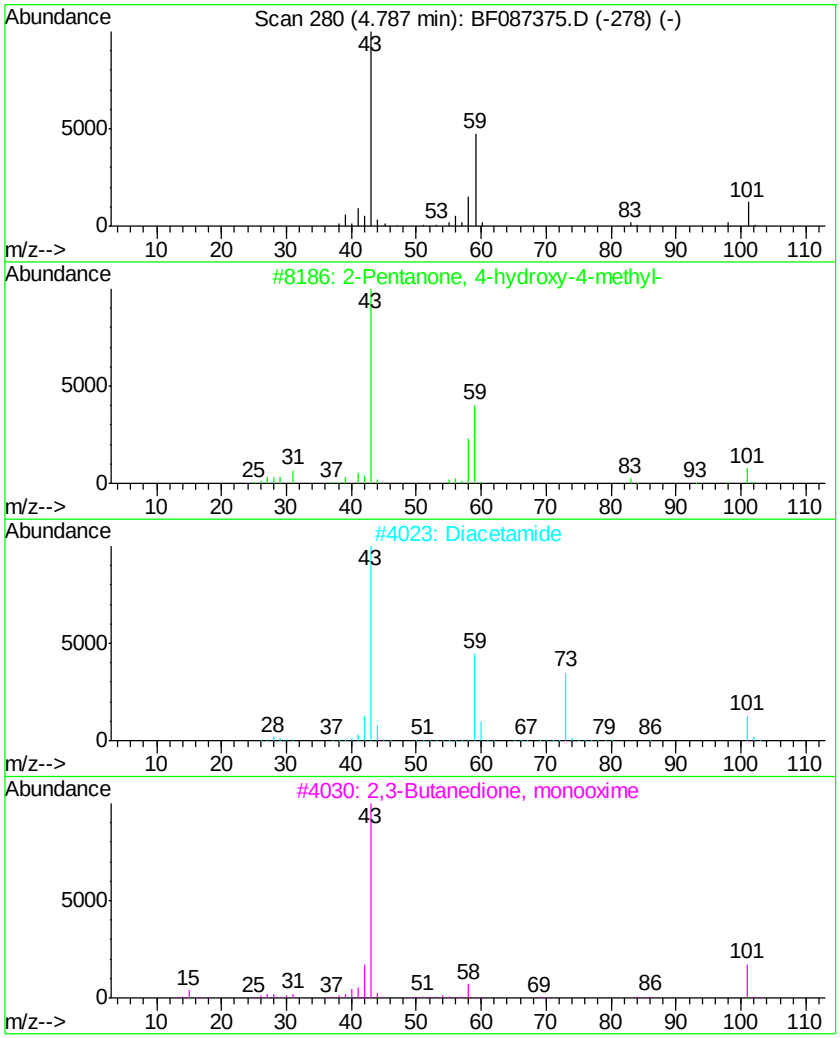
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

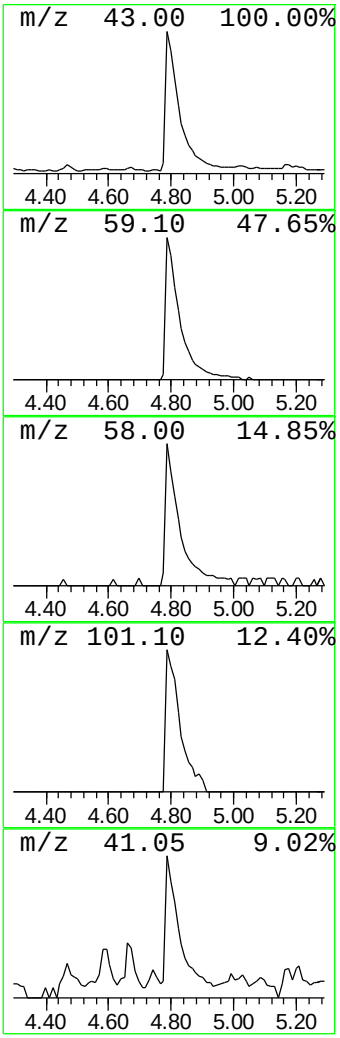
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	7.39 ng	289320	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Diacetamide	101	C4H7NO2	000625-77-4	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087375.D
Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

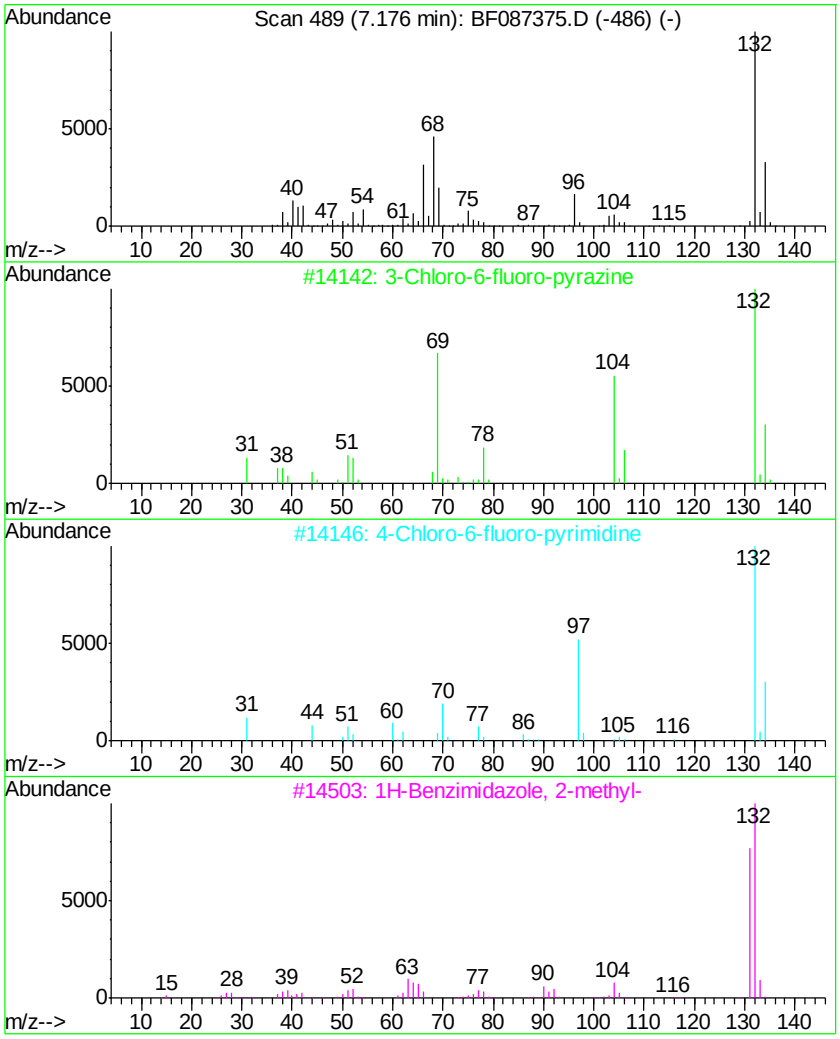
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

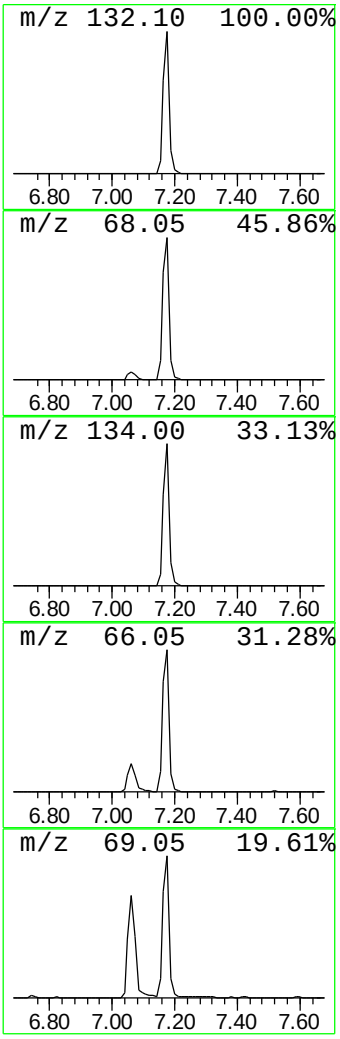
****

Peak Number 3 unknown7.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	110.97 ng	4343610	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087375.D
Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

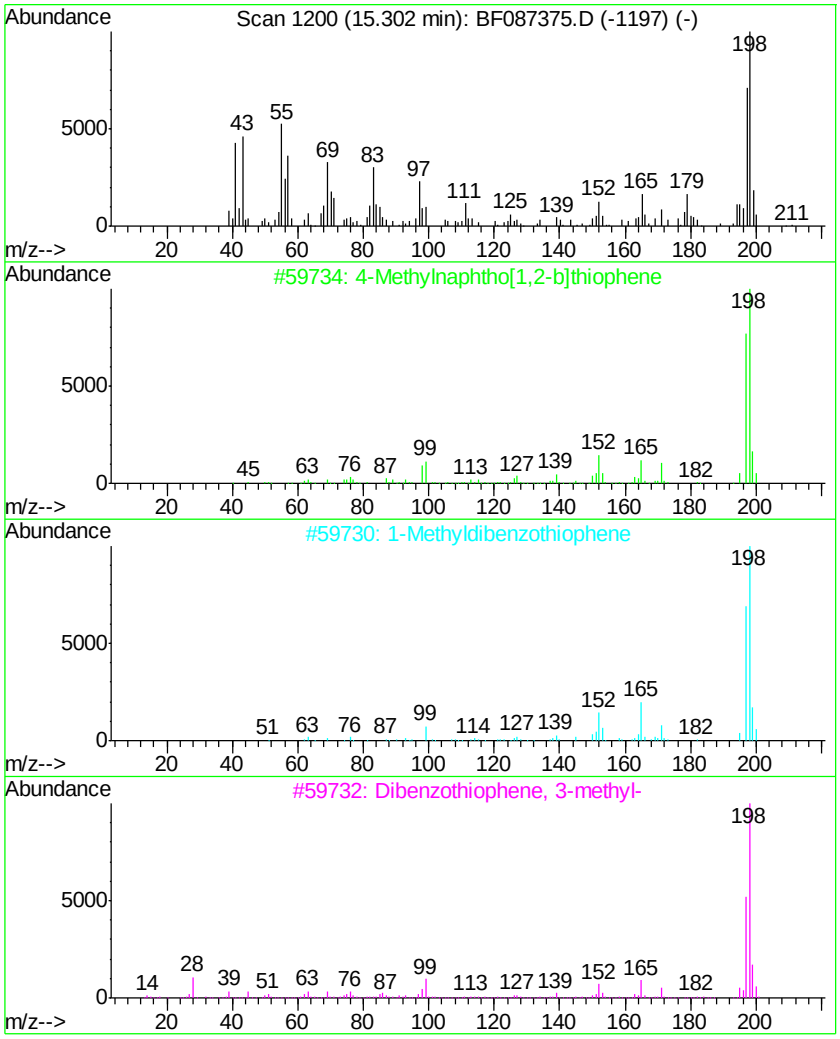
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

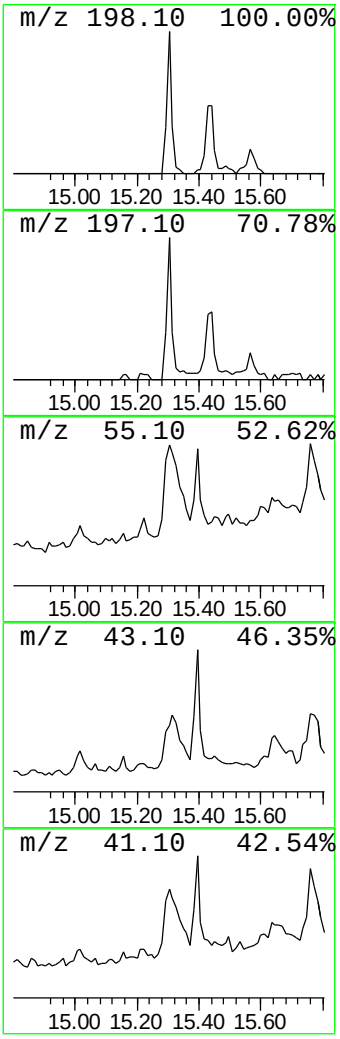
****

Peak Number 6 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	6.77 ng	287821	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	92
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	89
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
5	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087375.D
Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

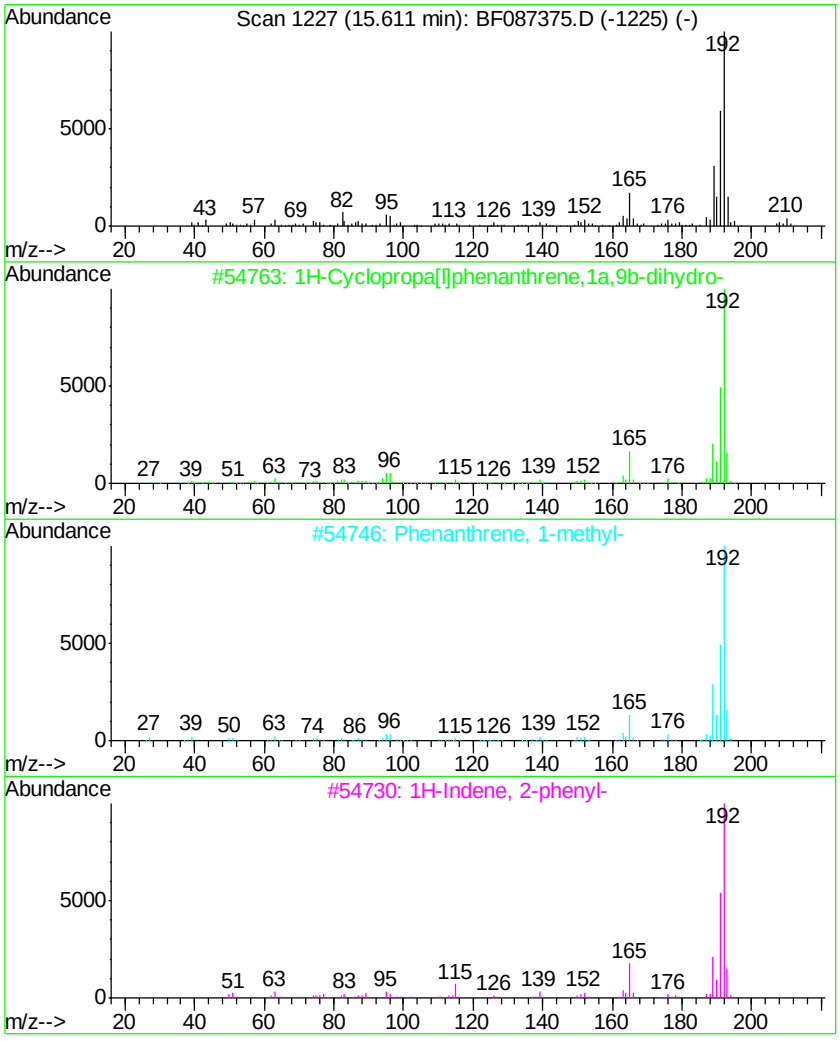
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

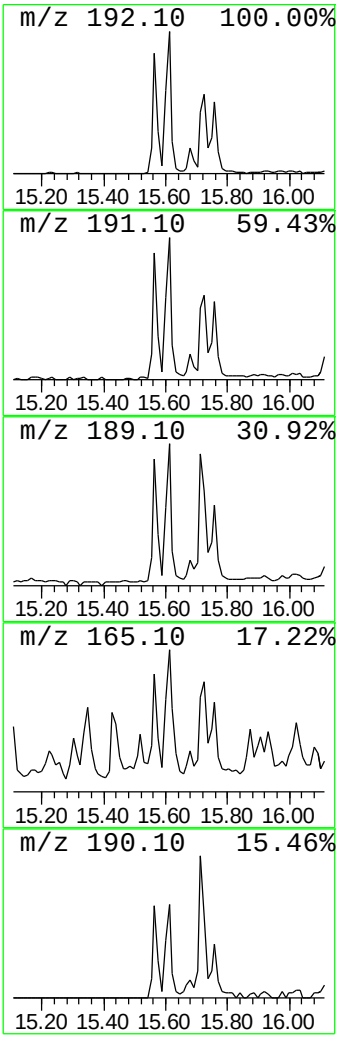
****

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	6.75 ng	287139	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087375.D
Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

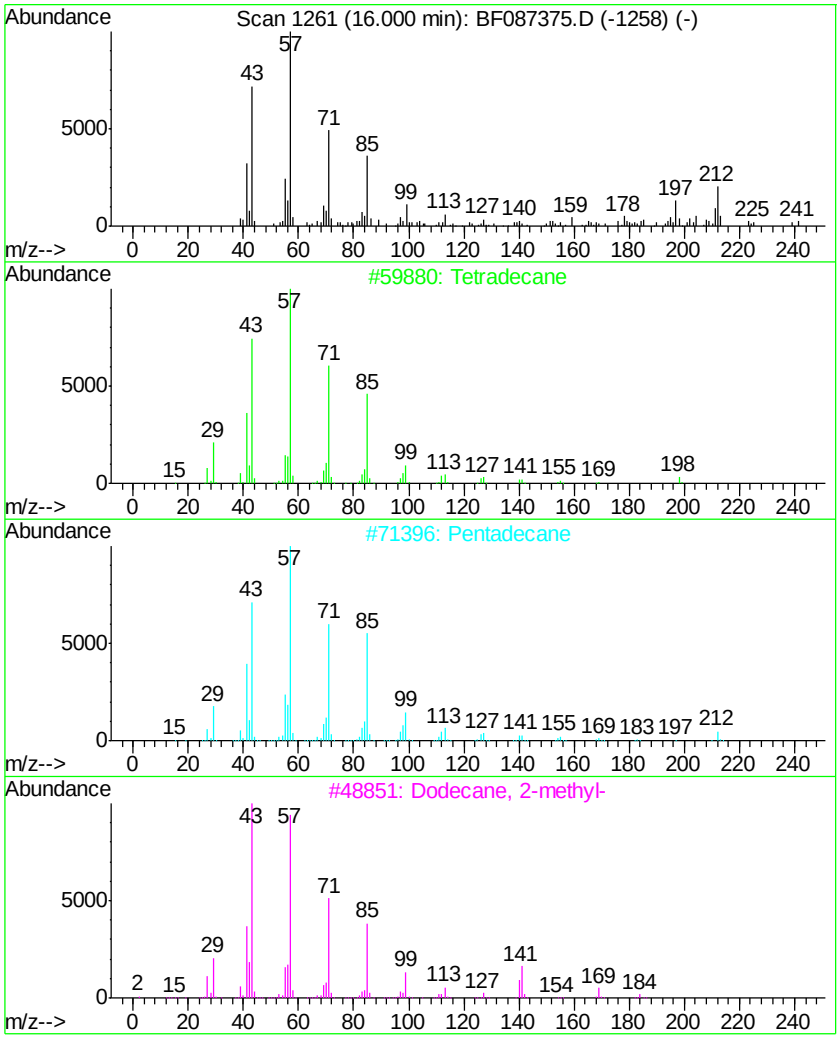
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

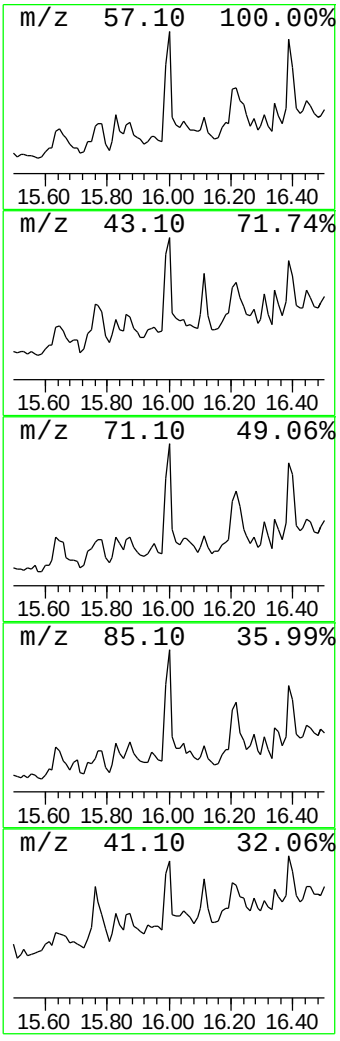
****

Peak Number 9 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	8.47 ng	360270	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Pentadecane	212	C15H32	000629-62-9	64
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	60
4	Tridecane	184	C13H28	000629-50-5	60
5	Tetracosane	338	C24H50	000646-31-1	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087375.D
Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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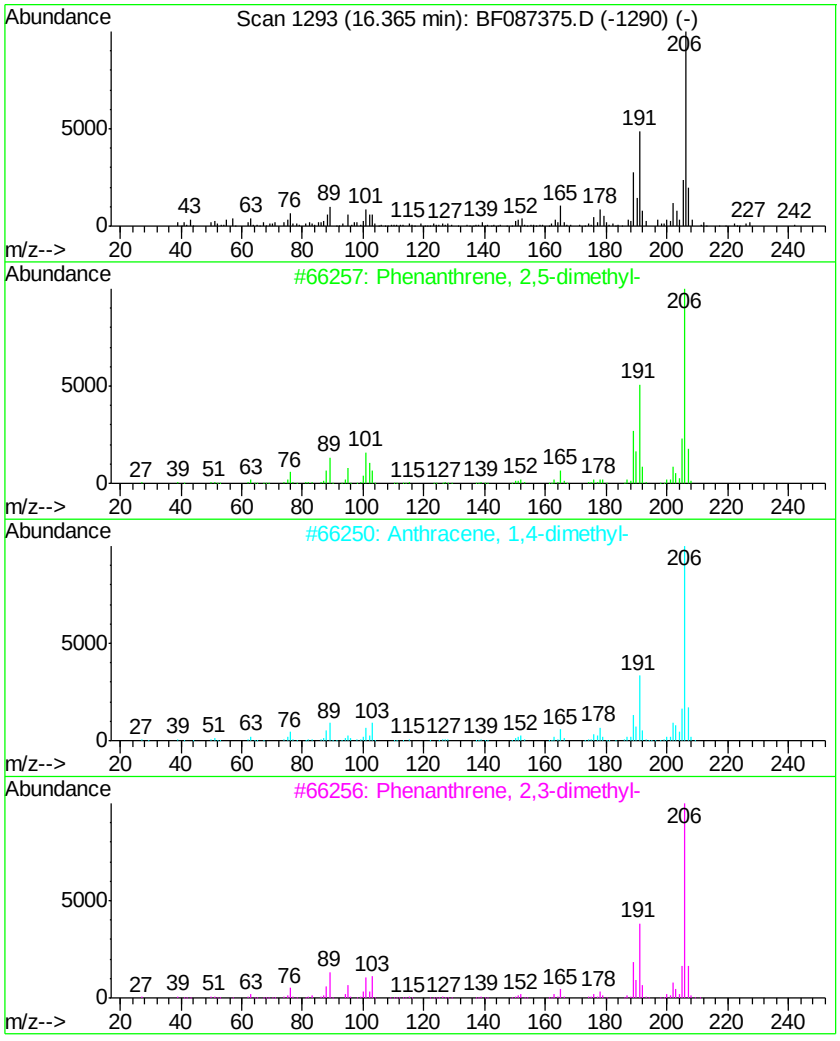
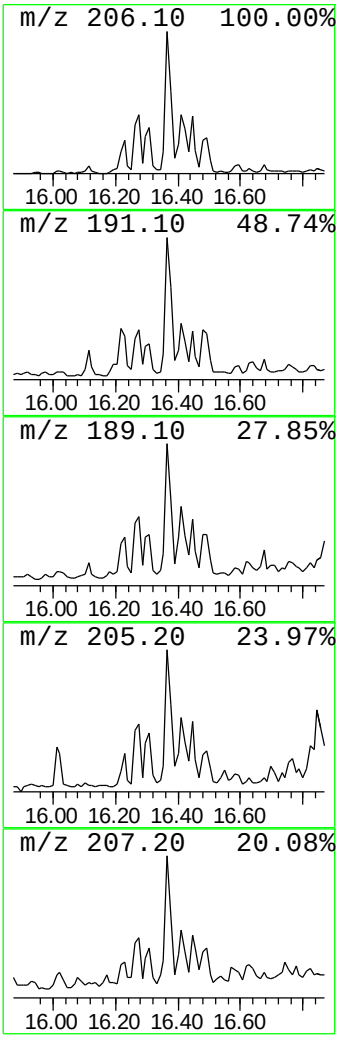
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	8.21 ng	349021	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Data File : BF087375.D
Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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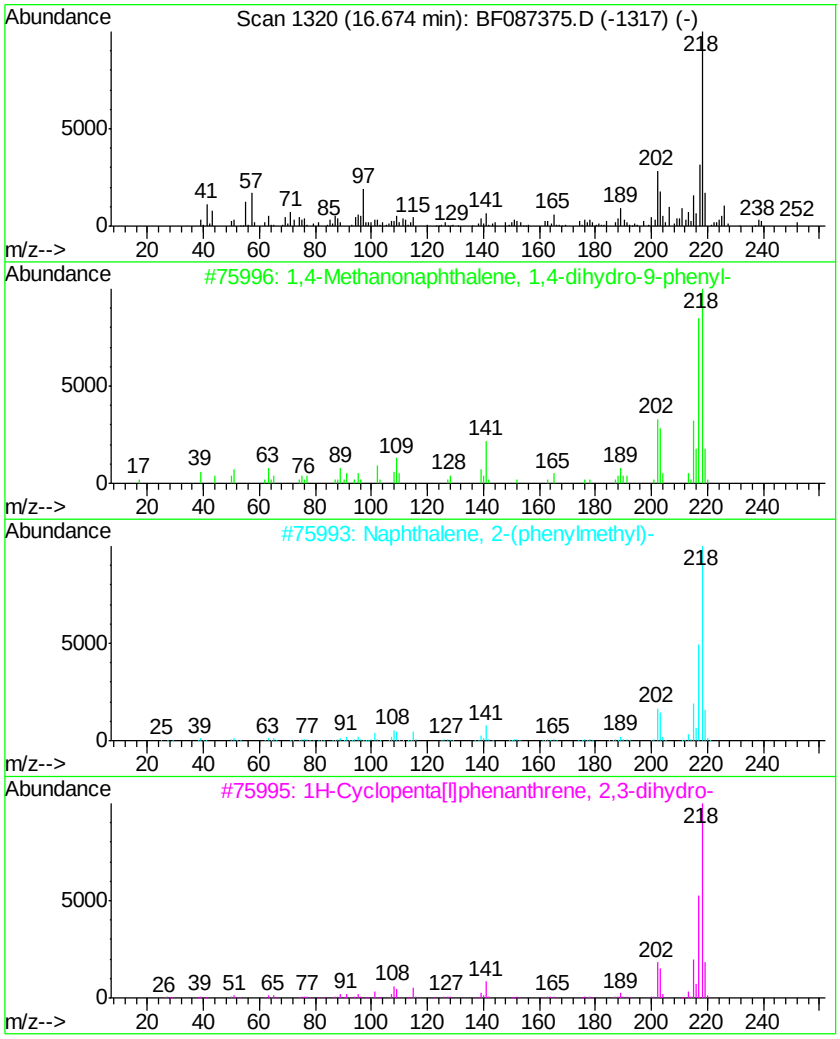
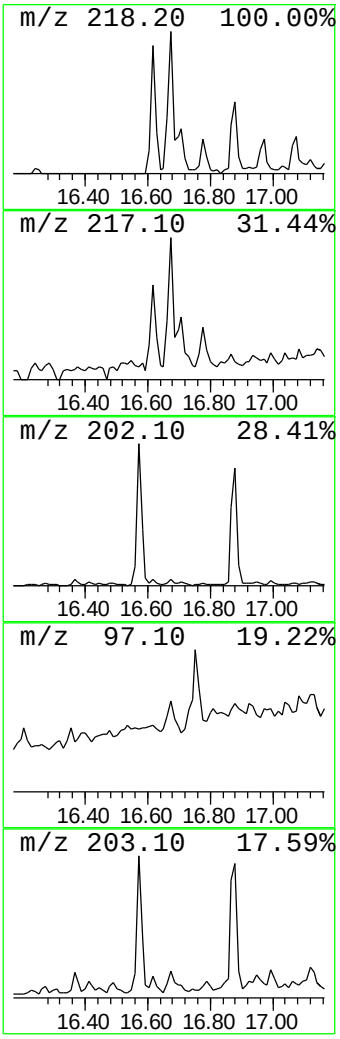
Peak Number 11 1,4-Methanonaphthalene, 1,4... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	4.01 ng	158671	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	55
2	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	49
3	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	49
4	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	47
5	Phenol, 4,4'-thiobis-	218	C12H10O2S	002664-63-3	46





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Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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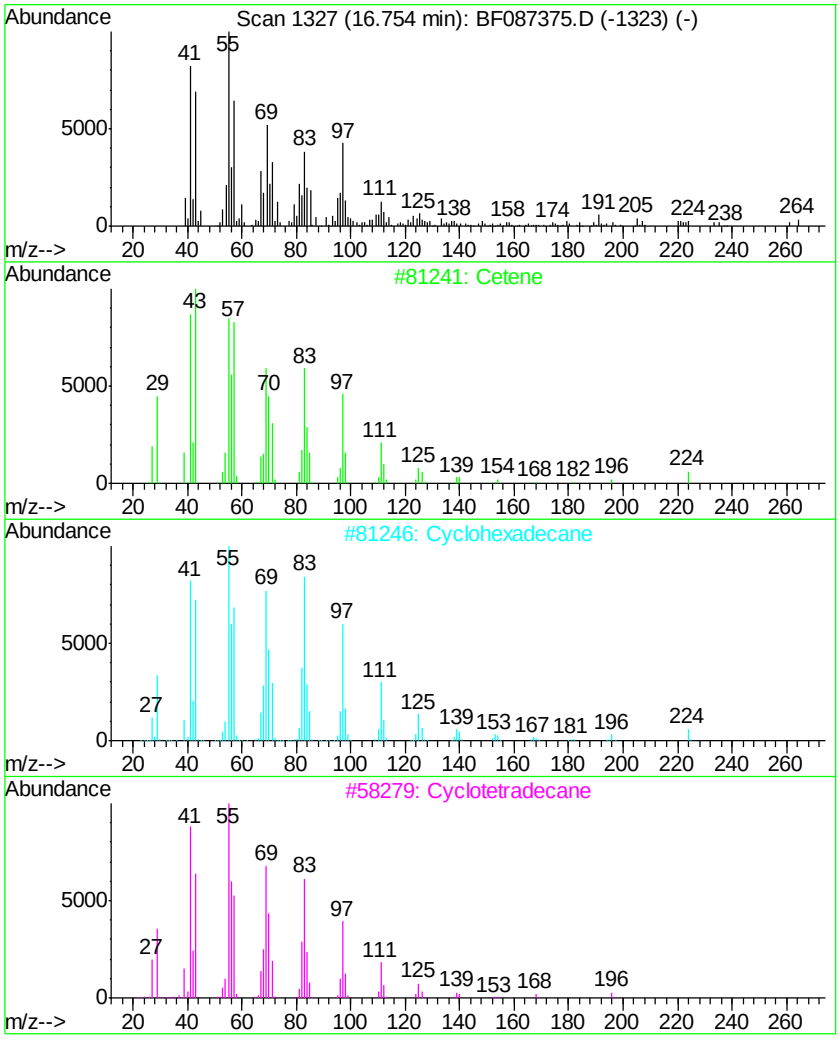
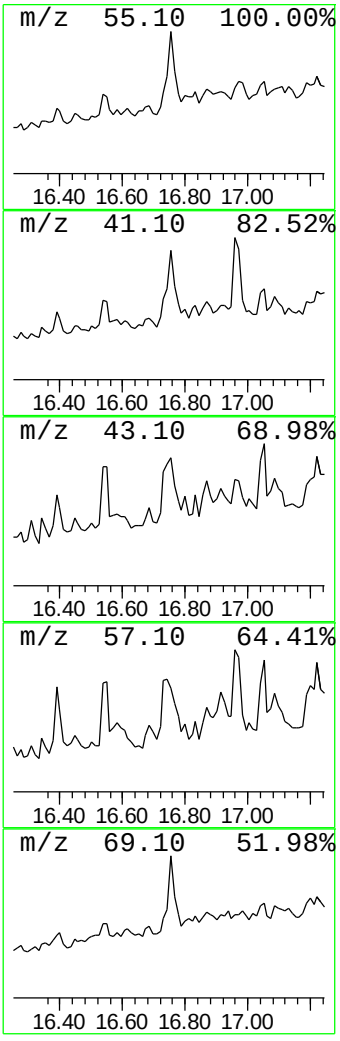
Peak Number 12 Cetene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	10.11 ng	399994	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	92
2	Cyclohexadecane	224	C16H32	000295-65-8	90
3	Cyclotetradecane	196	C14H28	000295-17-0	87
4	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	83
5	1-Octadecene	252	C18H36	000112-88-9	72





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Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
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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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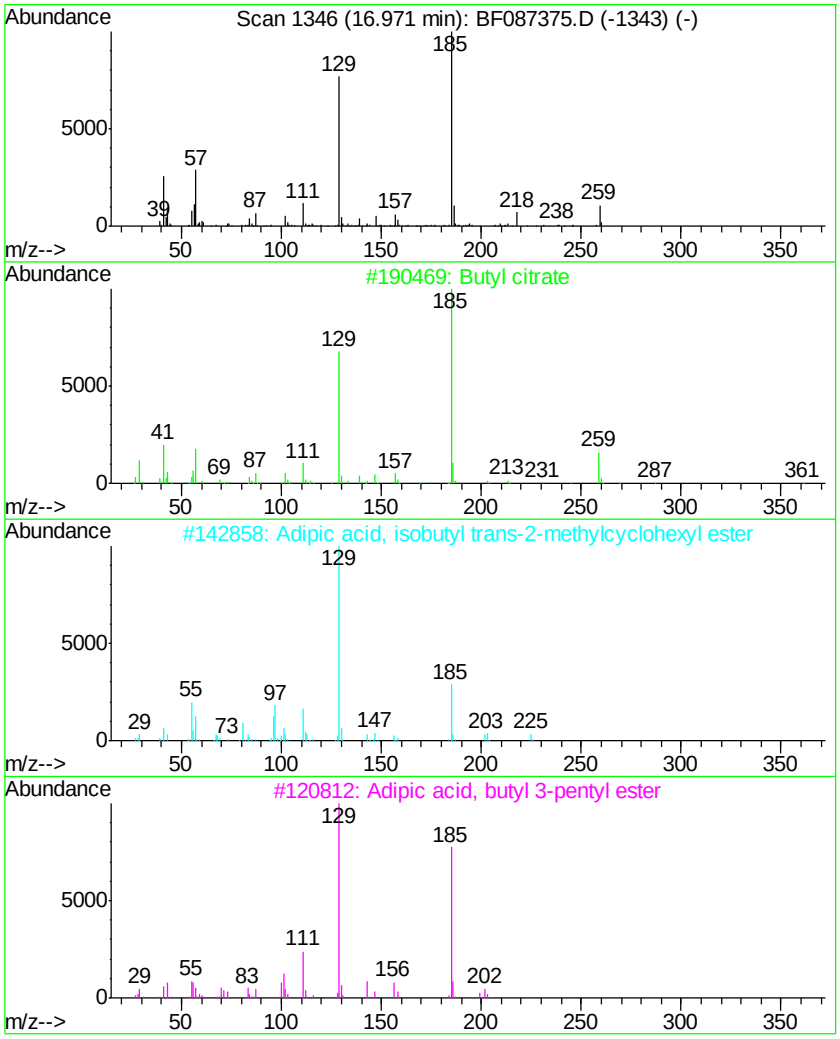
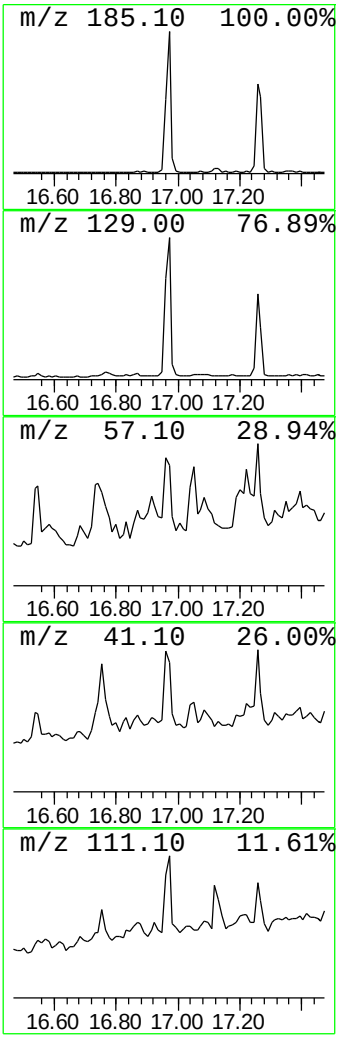
Peak Number 13 Butyl citrate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	5.51 ng	218219	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	76
2	Adipic acid, isobutyl trans-2-me...	298	C17H30O4	1000324-74-5	72
3	Adipic acid, butyl 3-pentyl ester	272	C15H28O4	1000324-60-5	72
4	Adipic acid, 2-decyl isobutyl ester	342	C20H38O4	1000353-59-6	72
5	Adipic acid, 2-hexyl isobutyl ester	286	C16H30O4	1000353-70-9	72





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Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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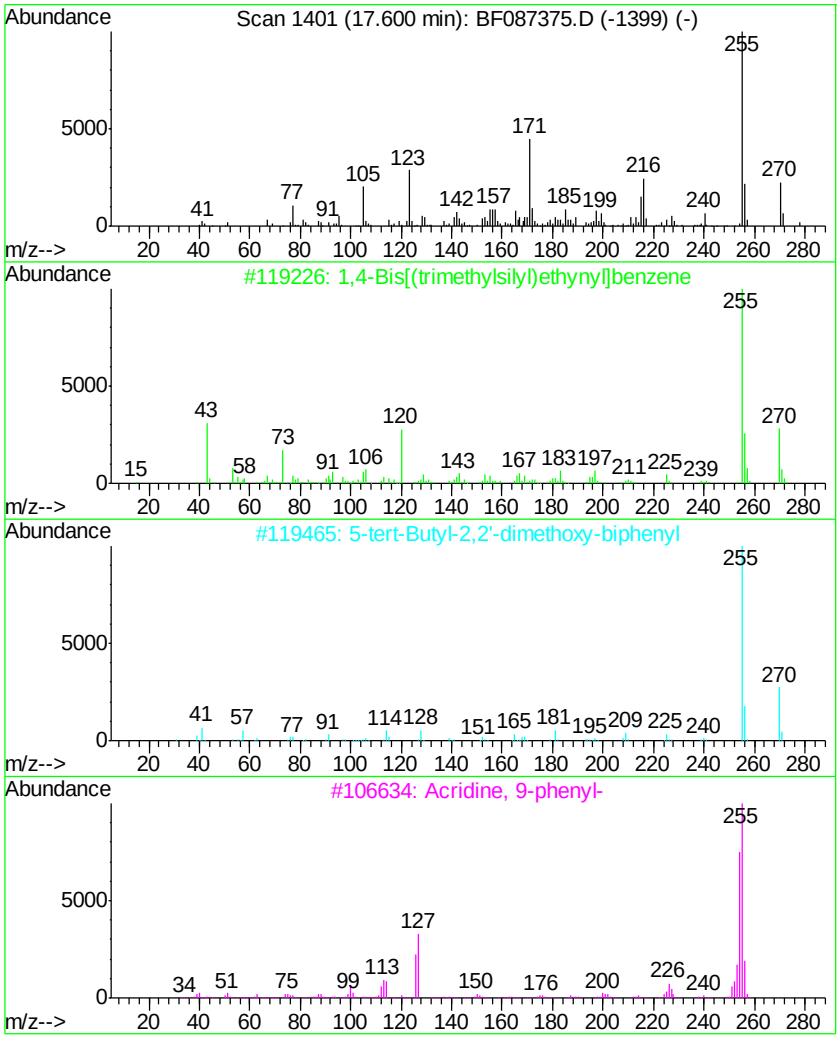
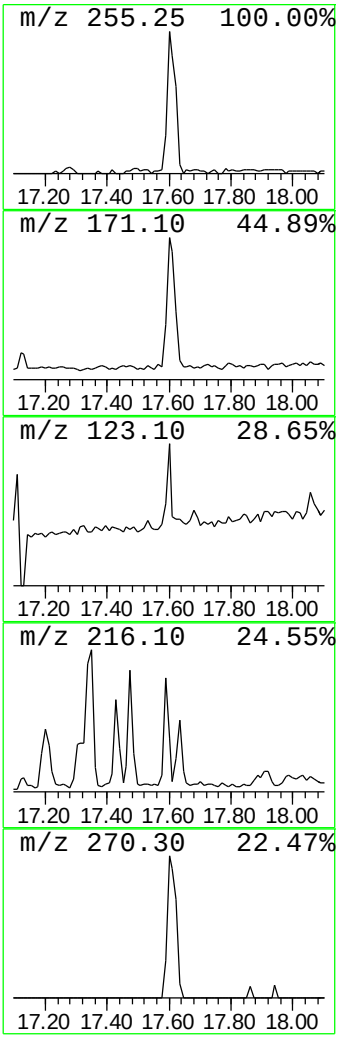
Peak Number 15 unknown17.60 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	6.05 ng	239431	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Bis[(trimethylsilyl)ethynyl...	270	C16H22Si2	073392-23-1	45
2	5-tert-Butyl-2,2'-dimethoxy-biph...	270	C18H22O2	1000318-04-7	41
3	Acridine, 9-phenyl-	255	C19H13N	000602-56-2	38
4	Iron, (.eta.-5-cyclohexadienyl)(...	270	C16H22Fe	1000162-99-3	37
5	2-Sec-butyl-6-[1-hydroxy-1-cyclo...	283	C19H25NO	035871-05-7	35





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Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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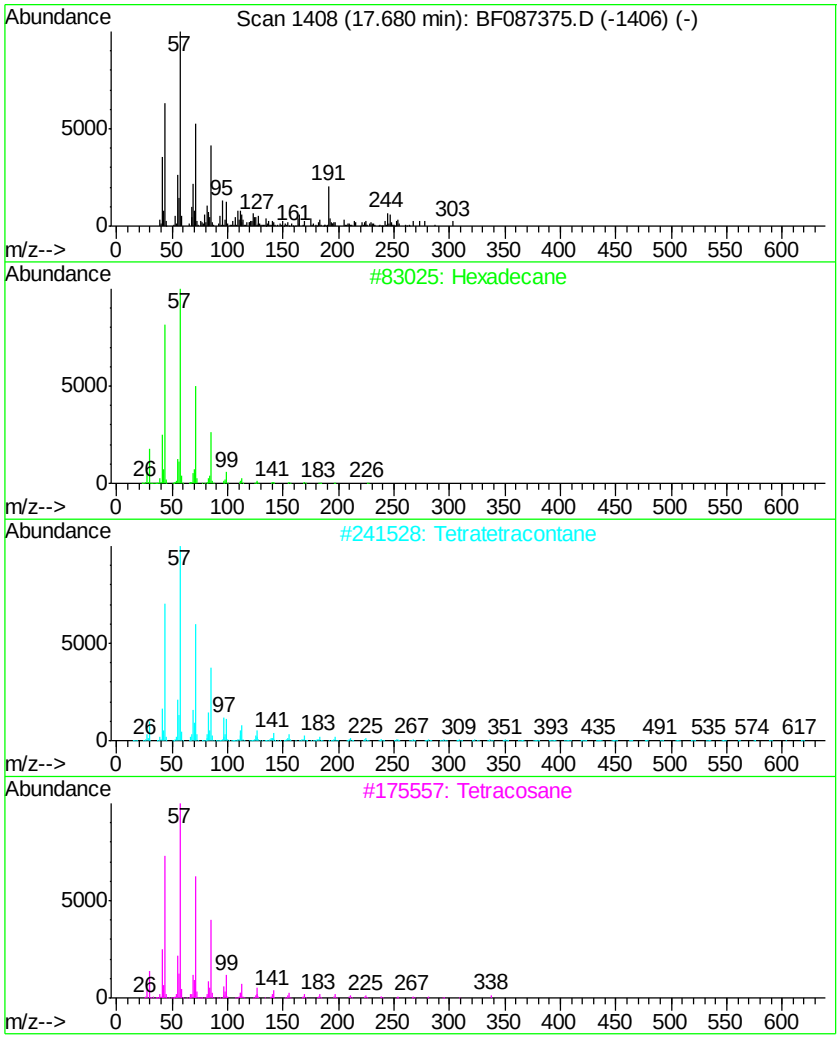
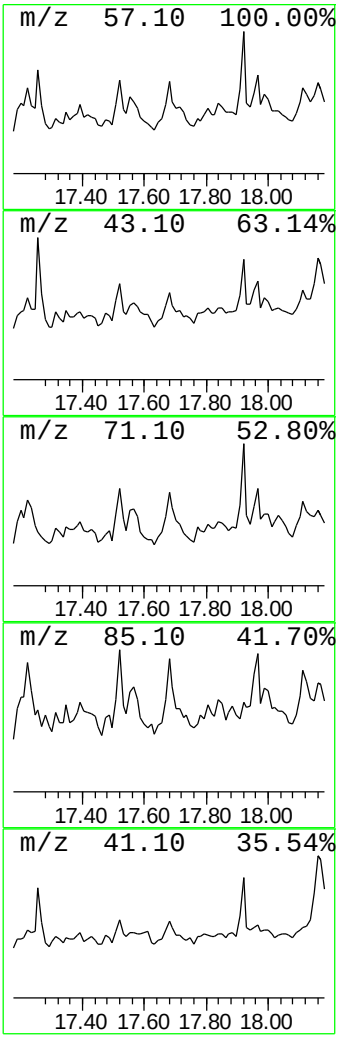
Peak Number 16 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	5.92 ng	234452	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Tetratetracontane	619	C44H90	007098-22-8	52
3	Tetracosane	338	C24H50	000646-31-1	52
4	Octacosane	394	C28H58	000630-02-4	52
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	50





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Acq On : 25 May 2016 16:44
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Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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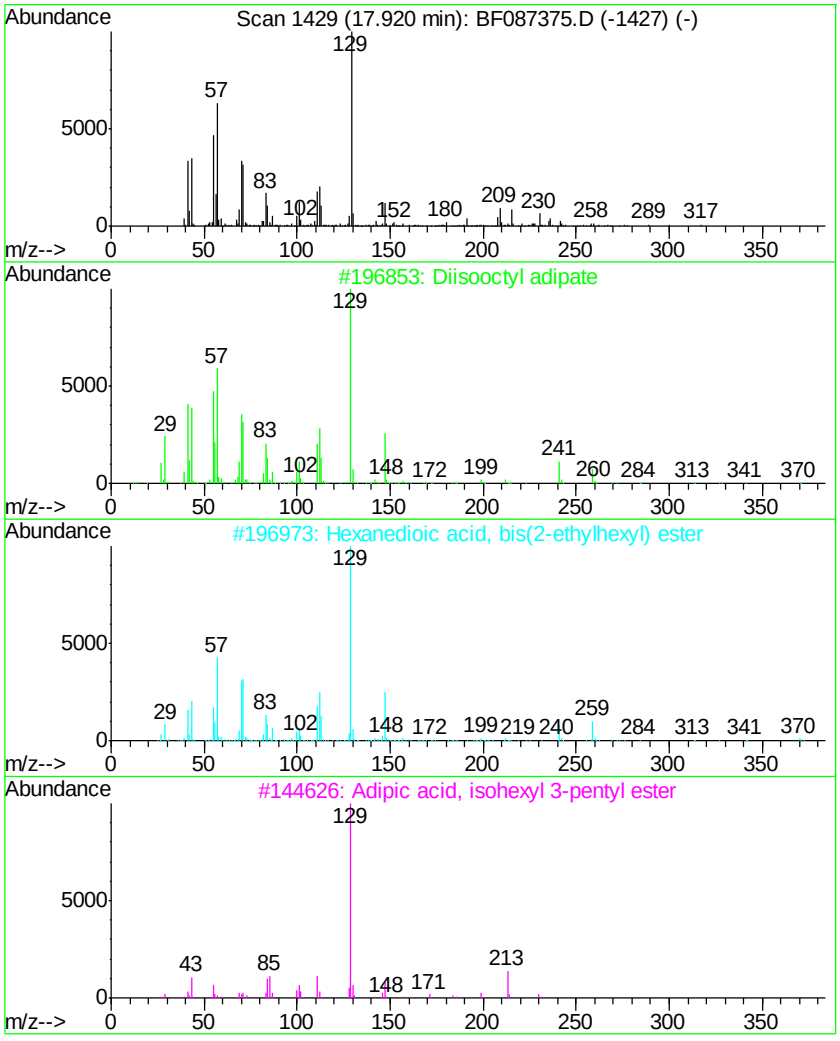
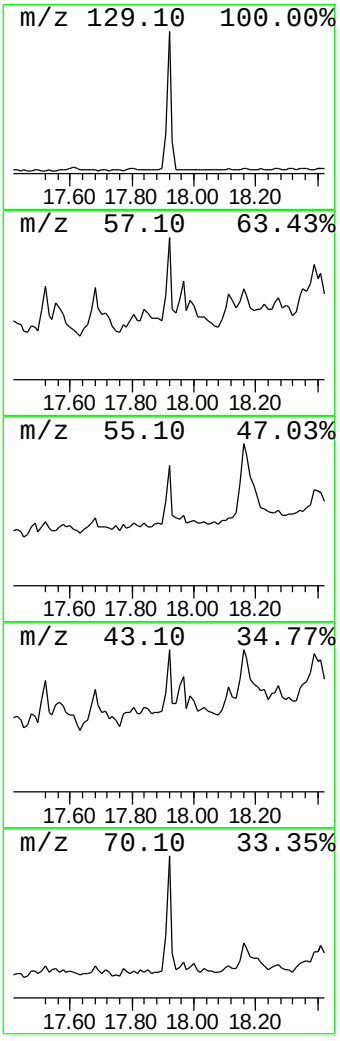
Peak Number 17 Diisooctyl adipate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	7.92 ng	313589	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	68
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	64
3	Adipic acid, isohexyl 3-pentyl e...	300	C17H32O4	1000324-60-7	53
4	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	53
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	53





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Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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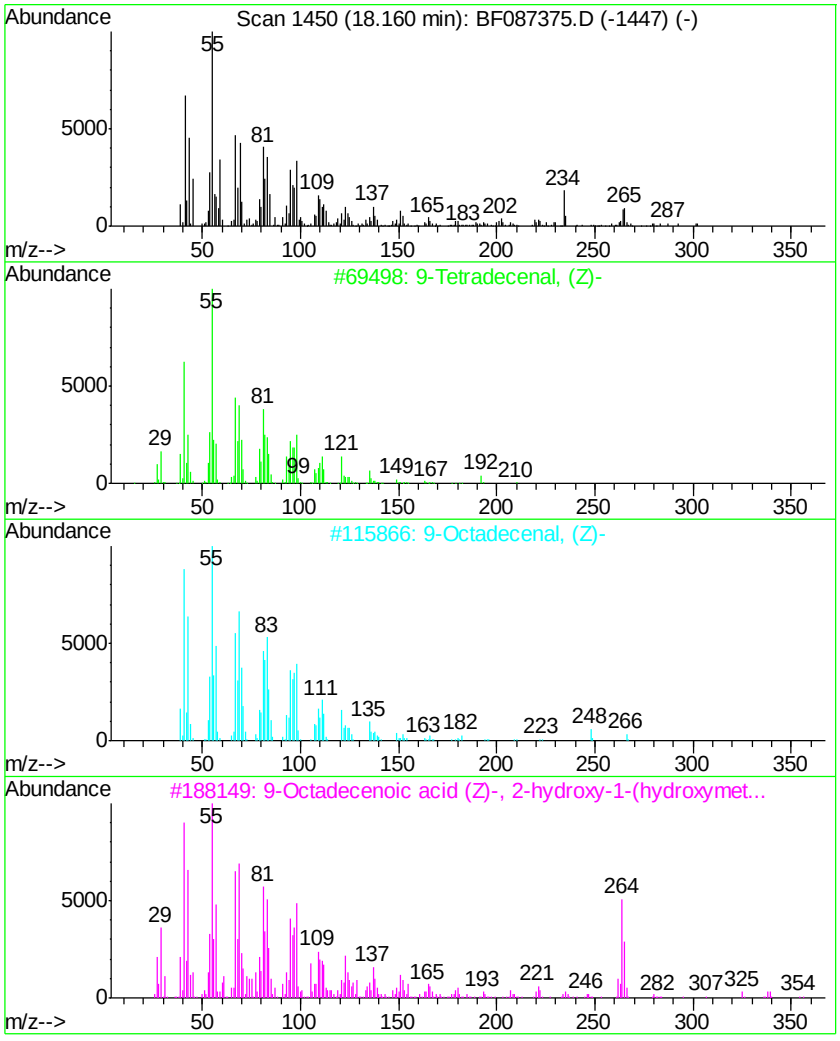
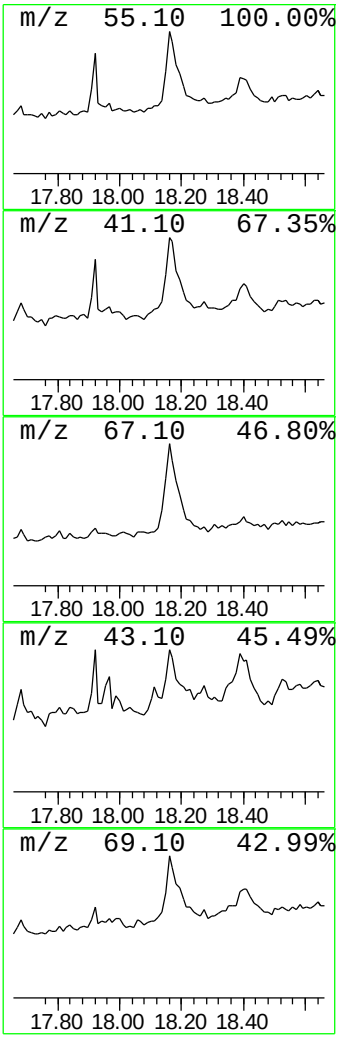
Peak Number 18 9-Tetradecenal, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	21.25 ng	840793	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tetradecenal, (Z)-	210	C14H26O	053939-27-8	92
2	9-Octadecenal, (Z)-	266	C18H34O	002423-10-1	91
3	9-Octadecenoic acid (Z)-, 2-hydr...	356	C21H40O4	003443-84-3	81
4	2-Methyl-Z,Z-3,13-octadecadienol	280	C19H36O	1000130-90-5	58
5	2-Methyl-E,E-3,13-octadecadien-1-ol	280	C19H36O	1000130-90-6	53





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Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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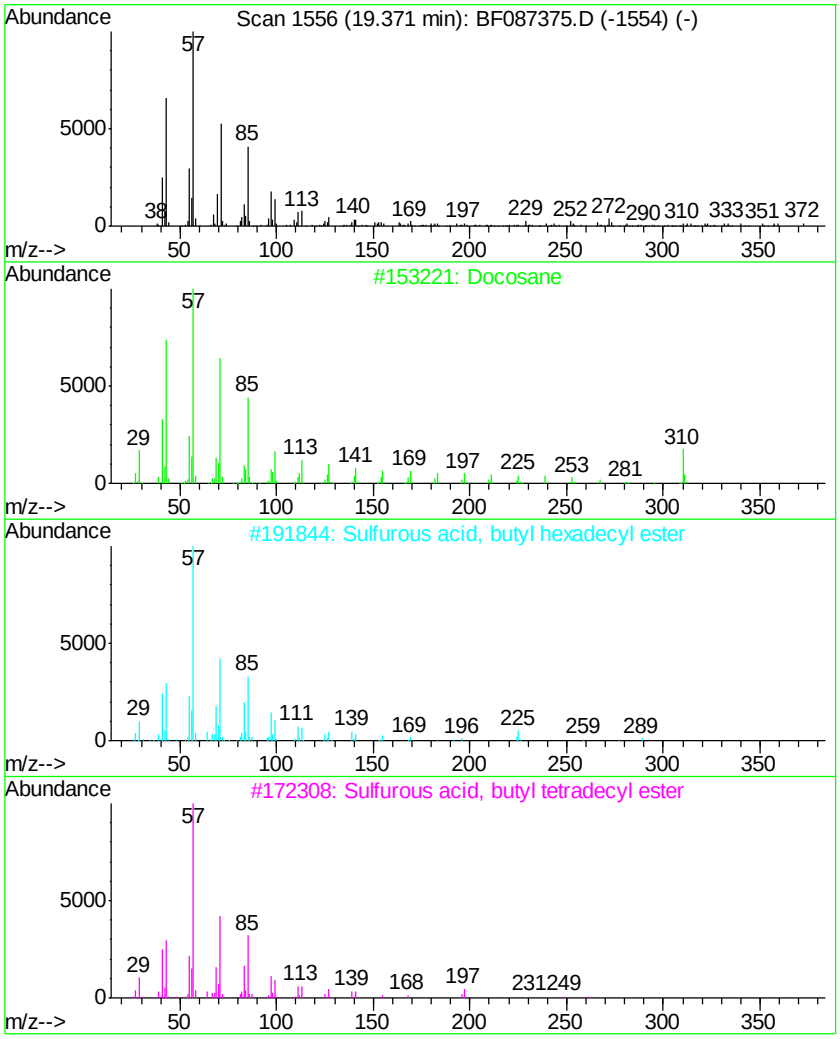
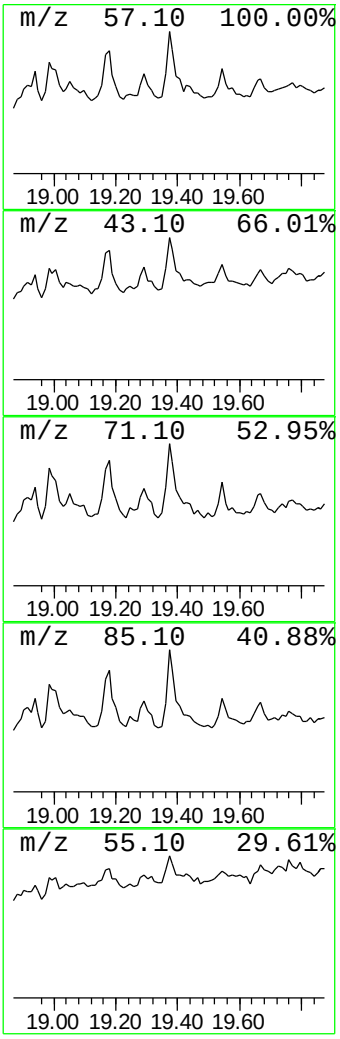
Peak Number 19 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	11.45 ng	329742	Perylene-d12	20.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	83
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	83
4	Behenyl chloride	344	C22H45Cl	042217-03-8	83
5	2-methyloctacosane	408	C29H60	1000376-72-8	83





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Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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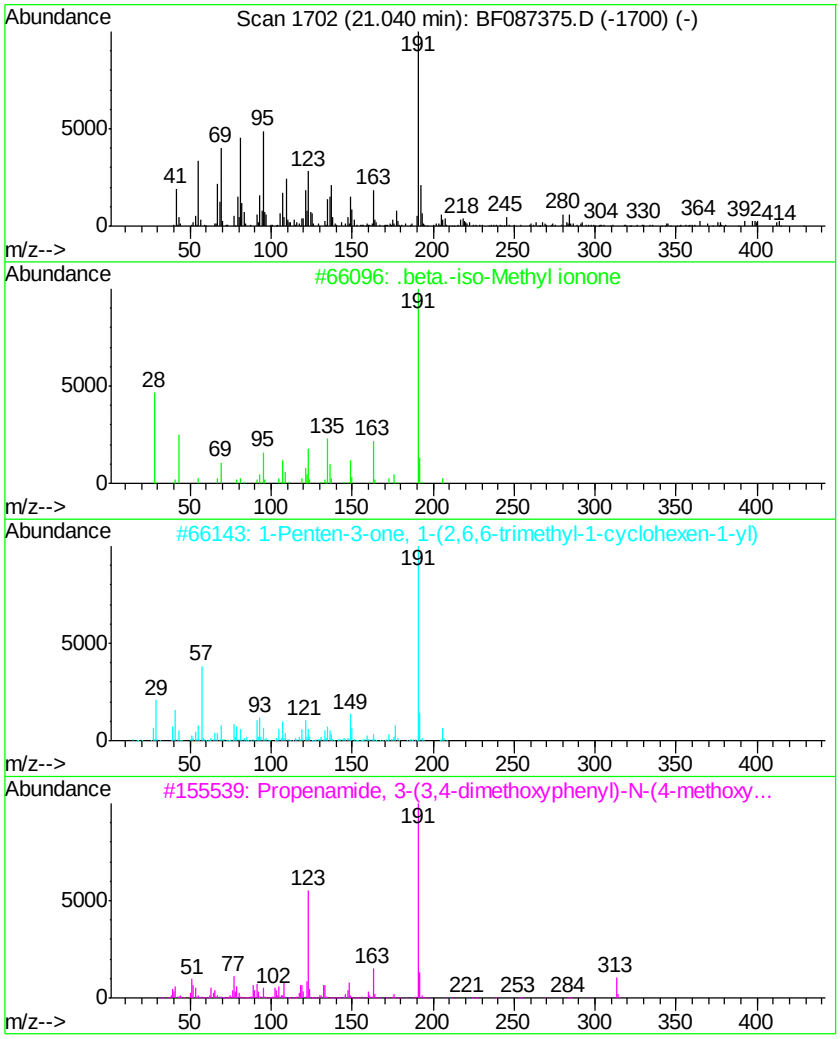
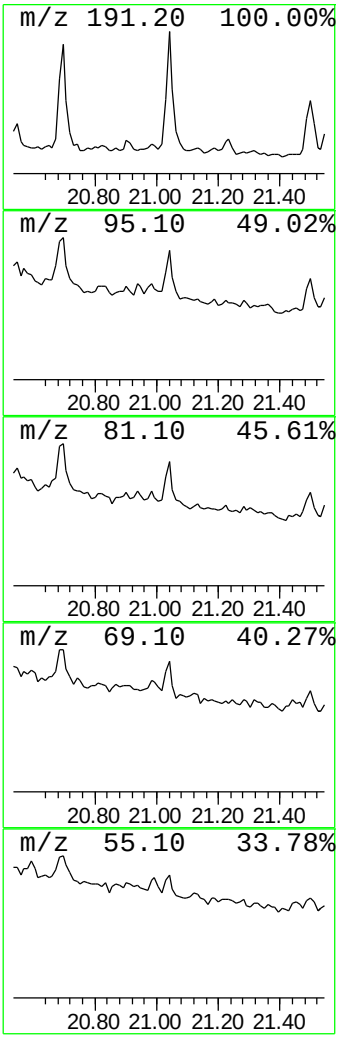
Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	8.67 ng	249787	Perylene-d12	20.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
3	Propenamide, 3-(3,4-dimethoxyphe...	313	C18H19NO4	339165-72-9	38
4	Protriptyline, N-acetyl-	305	C21H23NO	023047-28-1	35
5	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	30





Tentatively Identified Compound (LSC) summary

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Data File : BF087375.D
Acq On : 25 May 2016 16:44
Operator : UM/SJ
Sample : H3218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-2(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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...	4.79	7.4	ng	289320	1	7.52	782874	20.0
unknown7.18	7.18	111.0	ng	4343610	1	7.52	782874	20.0
4-Methylnaphtho[1...	15.30	6.8	ng	287821	4	14.78	850412	20.0
1H-Cyclopropa[l]p...	15.61	6.8	ng	287139	4	14.78	850412	20.0
Tetradecane	16.00	8.5	ng	360270	4	14.78	850412	20.0
Phenanthrene, 2,5...	16.37	8.2	ng	349021	4	14.78	850412	20.0
1,4-Methanonaphth...	16.67	4.0	ng	158671	5	18.47	791408	20.0
Cetene	16.75	10.1	ng	399994	5	18.47	791408	20.0
Butyl citrate	16.97	5.5	ng	218219	5	18.47	791408	20.0
unknown17.60	17.60	6.0	ng	239431	5	18.47	791408	20.0
Hexadecane	17.68	5.9	ng	234452	5	18.47	791408	20.0
Diisooctyl adipate	17.92	7.9	ng	313589	5	18.47	791408	20.0
9-Tetradecenal, (Z)-	18.16	21.3	ng	840793	5	18.47	791408	20.0
Docosane	19.37	11.4	ng	329742	6	20.14	576119	20.0
.beta.-iso-Methyl...	21.04	8.7	ng	249787	6	20.14	576119	20.0