LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087382.D
Acq On : 25 May 2016 20:44
Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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	3	5	43	rVB	2661088	5035495	100.00%	8.875%
2	4.776	277	279	294	rVB	192119	522976	10.39%	0.922%
3	5.290	321	324	326	rBV	55556	96510	1.92%	0.170%
4	5.427	333	336	345	rBV	2645737	3939416	78.23%	6.943%
5	5.553	345	347	352	rVV	34450	77866	1.55%	0.137%
6	6.902	462	465	468	rBV3	55193	94093	1.87%	0.166%
7	7.073	476	480	482	rVV	2602043	4277402	84.95%	7.539%
8	7.176	486	489	494	rVV	3097210	4198063	83.37%	7.399%
9	7.313	498	501	506	rVB	153407	208500	4.14%	0.367%
10	7.519	516	519	524	rBV	1177557	1494675	29.68%	2.634%
11	7.759	537	540	542	rBV	2271621	3153796	62.63%	5.558%
12	8.124	569	572	574	rBV2	48270	91834	1.82%	0.162%
13	8.433	595	599	606	rVB	1946915	2654797	52.72%	4.679%
14	8.547	606	609	611	rBV	171153	248472	4.93%	0.438%
15	8.765	626	628	630	rBV3	60792	98367	1.95%	0.173%
16	8.810	630	632	635	rVB	78961	103015	2.05%	0.182%
17	9.165	658	663	664	rBV3	83895	213139	4.23%	0.376%
18	9.245	667	670	672	rVB2	70588	127867	2.54%	0.225%
19	9.313	672	676	678	rBV3	62947	122987	2.44%	0.217%
20	9.393	681	683	688	rVB2	46326	84038	1.67%	0.148%
21	9.553	692	697	698	rBV	1188142	1900047	37.73%	3.349%
22	9.576	698	699	701	rVV	203892	265036	5.26%	0.467%
23	9.633	701	704	710	rVB	302980	525963	10.45%	0.927%
24	9.759	710	715	717	rVB2	84500	153525	3.05%	0.271%
25	9.908	724	728	730	rBV4	35191	88595	1.76%	0.156%
26	10.022	733	738	741	rVB5	48915	131747	2.62%	0.232%
27	10.159	746	750	752	rBV2	69769	165379	3.28%	0.291%
28	10.273	756	760	762	rVB	101557	153996	3.06%	0.271%
29	10.330	762	765	768	rBV	124483	213417	4.24%	0.376%
30	10.616	787	790	793	rVV	582854	732438	14.55%	1.291%
31	10.708	793	798	801	rVV2	148340	234620	4.66%	0.413%
32	10.765	801	803	807	rVV2	35458	76623	1.52%	0.135%
33	10.856	809	811	814	rBV2	50304	81533	1.62%	0.144%
34	11.085	828	831	832	rBV	71505	108293	2.15%	0.191%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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	11.211	840	842	845	rVB	85270	101559	2.02%	0.179%
36	11.268	845	847	849	rBV	56502	93016	1.85%	0.164%
37	11.325	849	852	855	rBV	2498440	3849003	76.44%	6.784%
38	11.542	868	871	874	rVB	263678	361691	7.18%	0.637%
39	11.622	874	878	885	rVB3	31498	99121	1.97%	0.175%
40	11.725	885	887	890	rBV	39790	82581	1.64%	0.146%
41	11.839	896	897	899	rVV	56037	79366	1.58%	0.140%
42	12.022	910	913	915	rBV	550870	750470	14.90%	1.323%
43	12.376	940	944	951	rBV	1365578	1948082	38.69%	3.433%
44	12.719	972	974	978	rBV2	37419	89818	1.78%	0.158%
45	12.799	978	981	985	rVV3	49196	87023	1.73%	0.153%
46	13.211	1014	1017	1019	rBV	122065	191374	3.80%	0.337%
47	13.268	1019	1022	1026	rVB2	58946	133715	2.66%	0.236%
48	13.576	1044	1049	1051	rBV3	34814	93241	1.85%	0.164%
49	13.668	1054	1057	1060	rBV	1573555	2062616	40.96%	3.635%
50	13.988	1083	1085	1089	rBV2	114516	232451	4.62%	0.410%
51	14.205	1102	1104	1106	rVB	66775	82553	1.64%	0.145%
52	14.491	1127	1129	1133	rVB3	45562	83764	1.66%	0.148%
53	14.719	1145	1149	1151	rBV2	73678	102482	2.04%	0.181%
54	14.777	1151	1154	1155	rBV	1098751	1469075	29.17%	2.589%
55	14.811	1155	1157	1160	rVB	314772	399282	7.93%	0.704%
56	14.891	1160	1164	1167	rVB	72605	116245	2.31%	0.205%
57	14.982	1169	1172	1174	rBV	63718	115090	2.29%	0.203%
58	15.188	1186	1190	1192	rBV2	28292	80534	1.60%	0.142%
59	15.302	1197	1200	1201	rVV	48918	83439	1.66%	0.147%
60	15.565	1220	1223	1225	rBV	160491	200935	3.99%	0.354%
61	15.600	1225	1226	1229	rVV	176116	236803	4.70%	0.417%
62	15.714	1234	1236	1238	rBV2	114189	170318	3.38%	0.300%
63	15.760	1238	1240	1244	rVB2	115274	182712	3.63%	0.322%
64	15.908	1251	1253	1257	rVB3	39221	80037	1.59%	0.141%
65	16.011	1258	1262	1265	rBV3	91527	207421	4.12%	0.366%
66	16.217	1277	1280	1283	rBV	60099	124070	2.46%	0.219%
67	16.262	1283	1284	1286	rVV	95866	114460	2.27%	0.202%
68	16.297	1286	1287	1290	rVB	69167	82343	1.64%	0.145%
69	16.365	1290	1293	1295	rBV	151084	240913	4.78%	0.425%
70	16.411	1295	1297	1299	rVV	67043	108548	2.16%	0.191%
71	16.480	1301	1303	1306	rVB	64010	83751	1.66%	0.148%

LSC Area Percent Report

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Acq On : 25 May 2016 20:44
Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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

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Peak separation: 5

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

72	16.571	1306	1311	1313	rBV	444884	560179	11.12%	0.987%
73	16.674	1317	1320	1321	rBV2	79041	112089	2.23%	0.198%
74	16.868	1335	1337	1340	rVB	437021	509847	10.13%	0.899%
75	16.971	1340	1346	1350	rVB3	78441	270422	5.37%	0.477%
76	17.051	1351	1353	1356	rBV2	44246	105614	2.10%	0.186%
77	17.131	1356	1360	1362	rVV	1969667	2532002	50.28%	4.462%
78	17.188	1364	1365	1367	rBV2	52634	83759	1.66%	0.148%
79	17.257	1370	1371	1373	rVB	80189	83202	1.65%	0.147%
80	17.314	1373	1376	1377	rBV2	46434	111195	2.21%	0.196%
81	17.337	1377	1378	1381	rVB2	119214	127165	2.53%	0.224%
82	17.474	1387	1390	1392	rBV	73360	102702	2.04%	0.181%
83	17.920	1423	1429	1432	rBV3	171679	391179	7.77%	0.689%
84	18.011	1436	1437	1442	rVB2	80126	137227	2.73%	0.242%
85	18.137	1446	1448	1450	rBV	54893	96433	1.92%	0.170%
86	18.411	1468	1472	1473	rVV3	99623	239308	4.75%	0.422%
87	18.468	1473	1477	1479	rVV2	1204835	1868012	37.10%	3.292%
88	18.503	1479	1480	1482	rVV	301668	270144	5.36%	0.476%
89	18.548	1482	1484	1485	rVV2	65286	91977	1.83%	0.162%
90	18.594	1485	1488	1489	rVB2	50738	91697	1.82%	0.162%
91	18.971	1517	1521	1523	rBV	125221	201068	3.99%	0.354%
92	19.006	1523	1524	1526	rVB	98118	94755	1.88%	0.167%
93	19.726	1585	1587	1592	rBV	223571	434510	8.63%	0.766%
94	20.023	1611	1613	1616	rBV	124179	160747	3.19%	0.283%
95	20.080	1616	1618	1620	rBV	174828	194705	3.87%	0.343%
96	20.137	1620	1623	1625	rBV	789728	904332	17.96%	1.594%
97	21.360	1727	1730	1734	rVB	75200	139132	2.76%	0.245%
98	21.554	1745	1747	1757	rVB5	83236	232683	4.62%	0.410%
99	21.714	1758	1761	1767	rBV	58588	135139	2.68%	0.238%
100	22.457	1823	1826	1831	rVB2	68621	164819	3.27%	0.290%

Sum of corrected areas: 56740465

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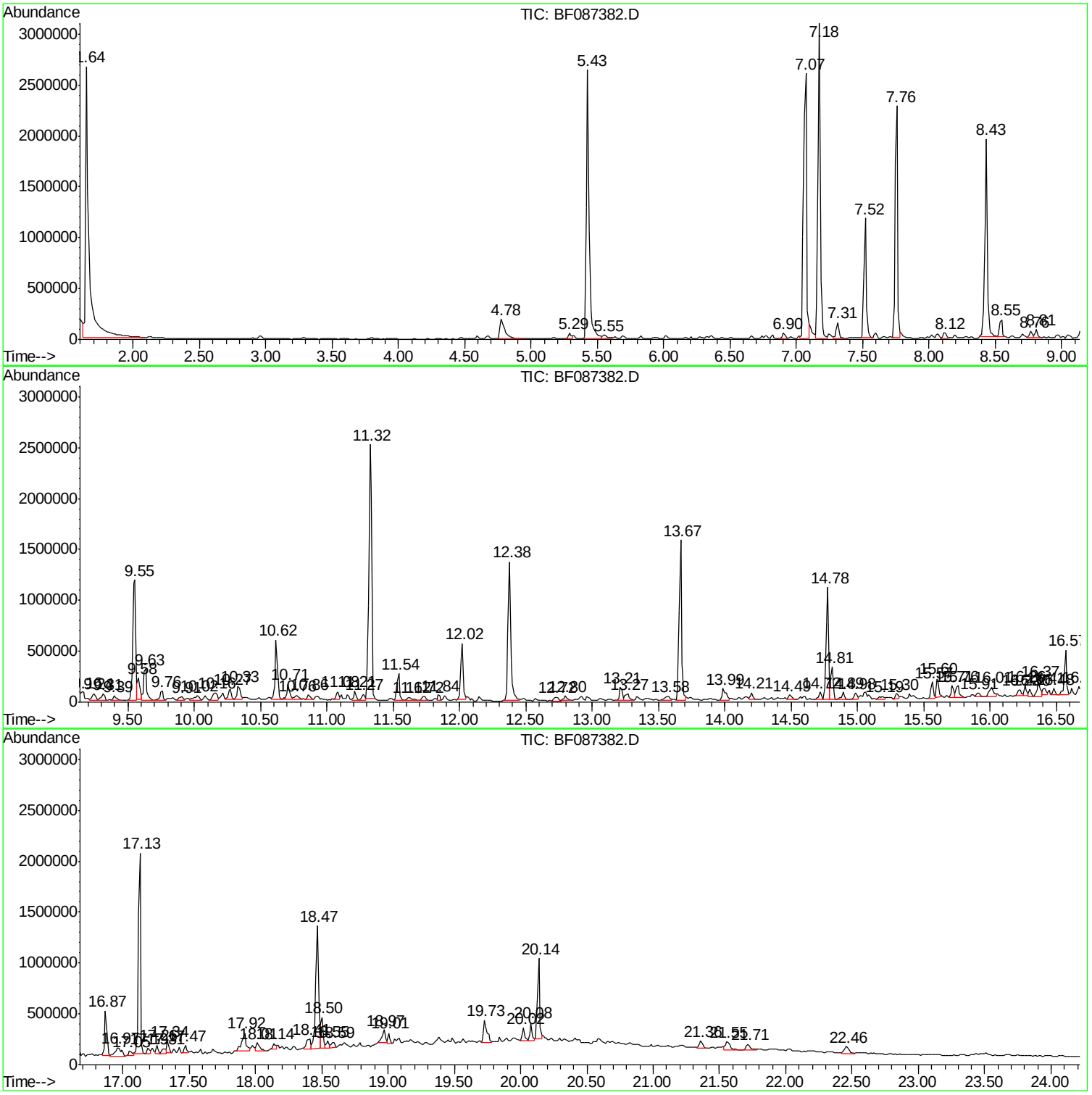
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

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 : BF087382.D
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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

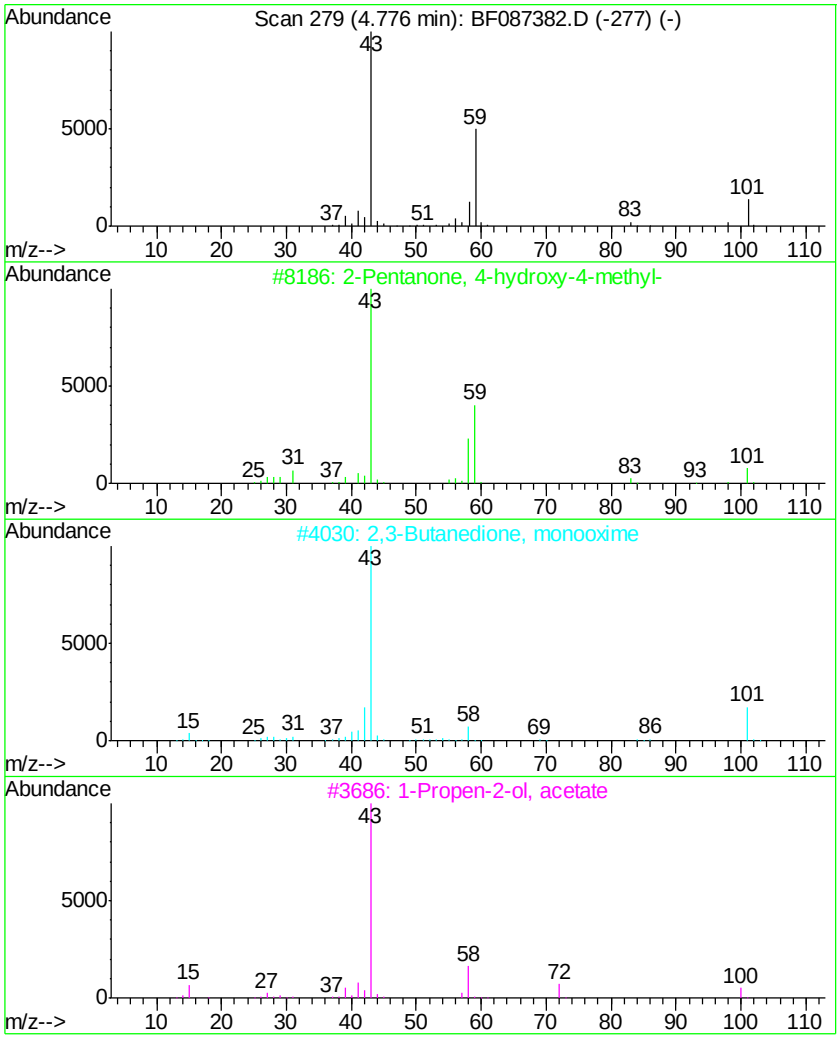
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

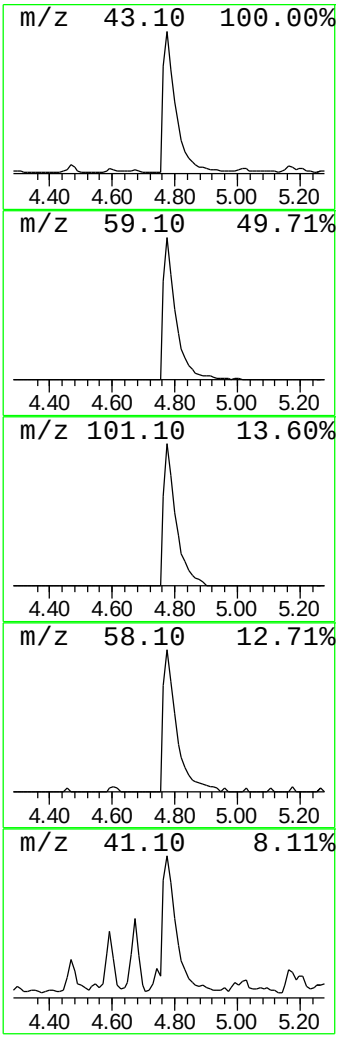
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	7.00 ng	522976	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	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	Allyl acetate	100	C5H8O2	000591-87-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087382.D
Acq On : 25 May 2016 20:44
Operator : UM/SJ
Sample : H3242-03
Misc :
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Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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

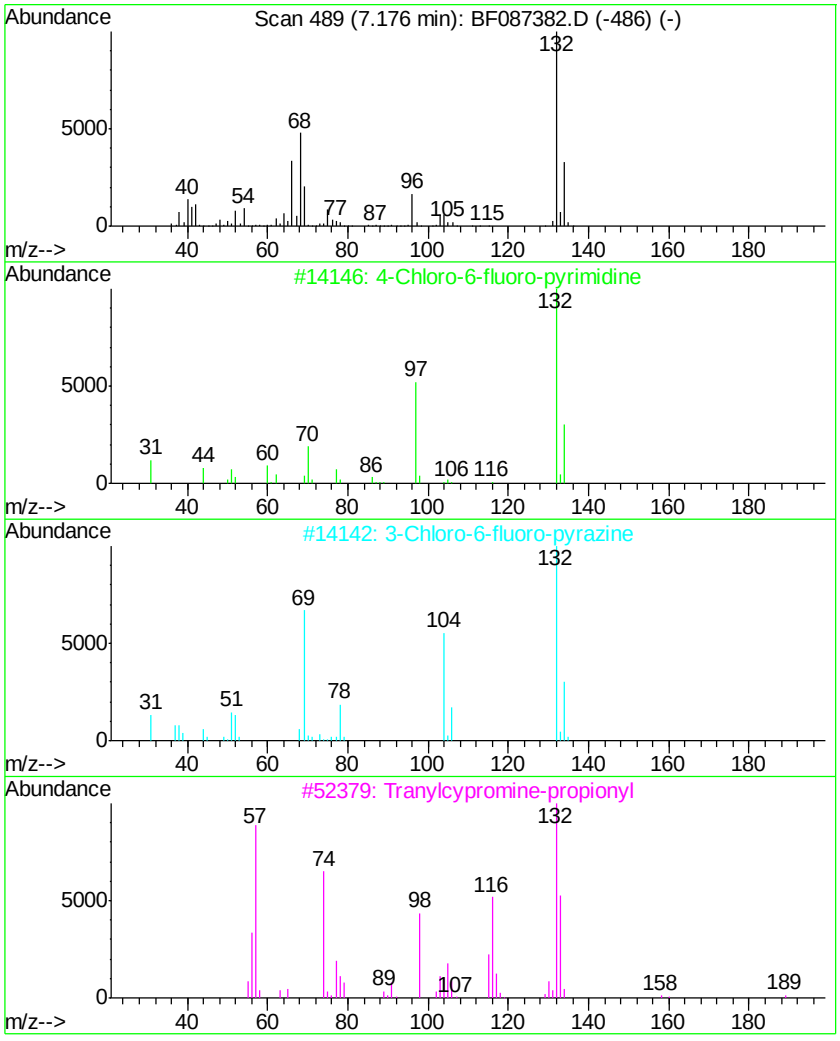
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

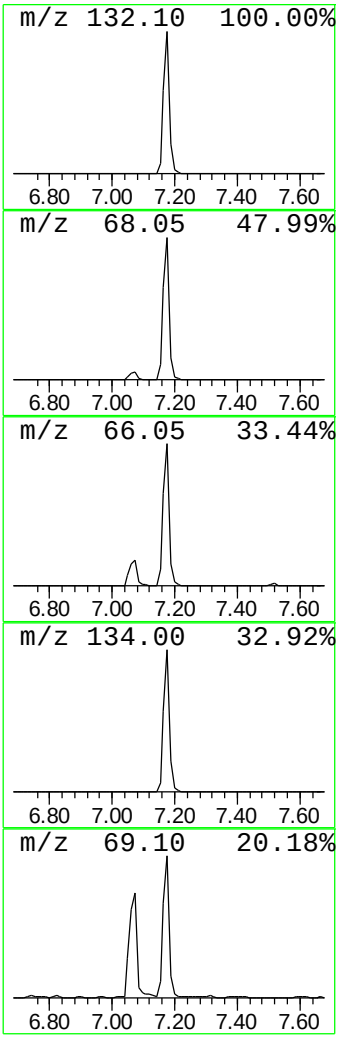
****

Peak Number 3 unknown7.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	56.17 ng	4198060	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087382.D
Acq On : 25 May 2016 20:44
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Sample : H3242-03
Misc :
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Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

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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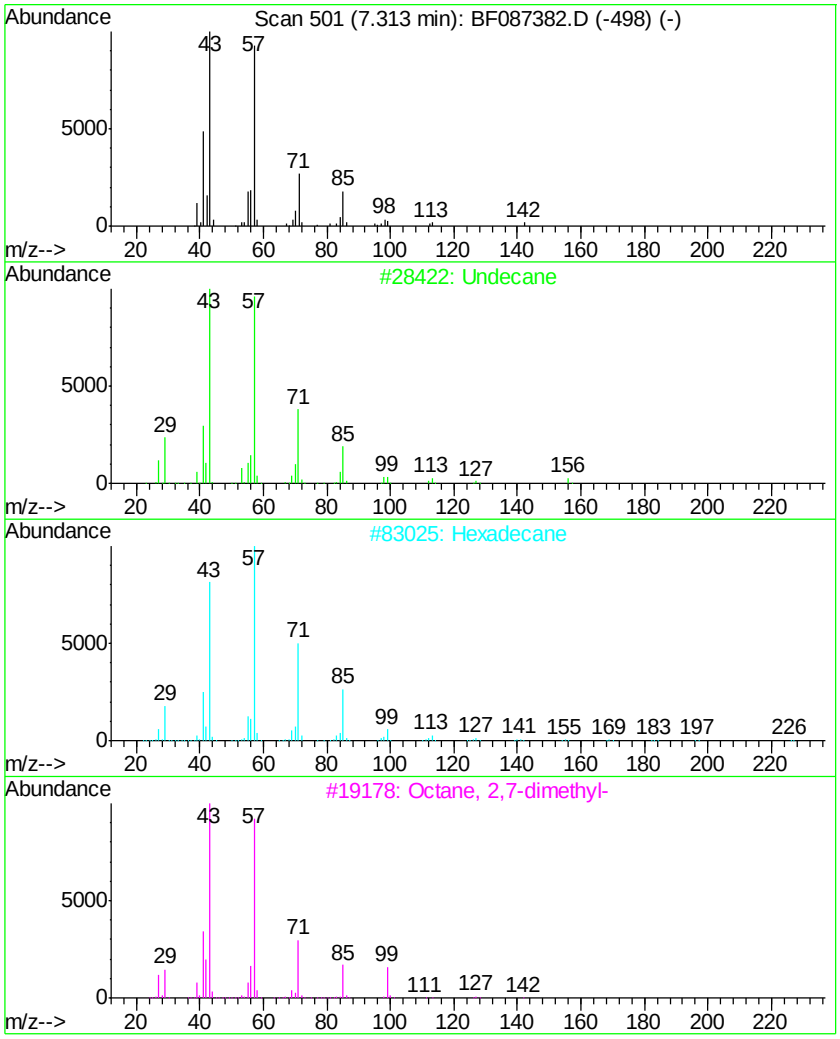
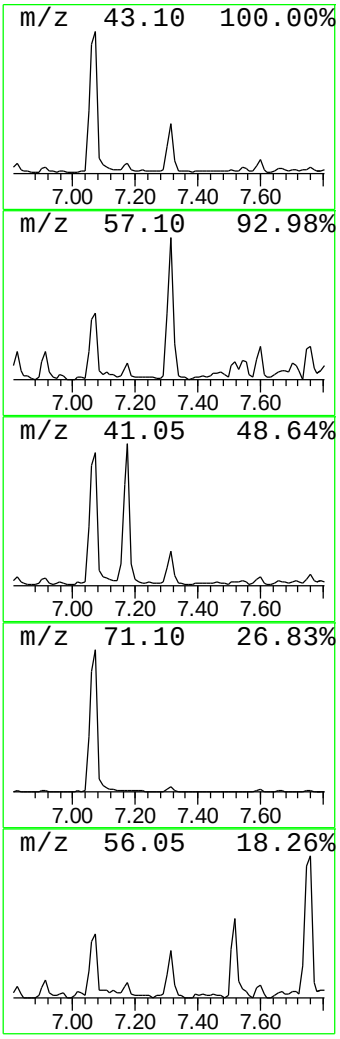
Peak Number 4 Undecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	2.79 ng	208500	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	78
2	Hexadecane	226	C16H34	000544-76-3	78
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	72
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	64
5	Decane	142	C10H22	000124-18-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087382.D
Acq On : 25 May 2016 20:44
Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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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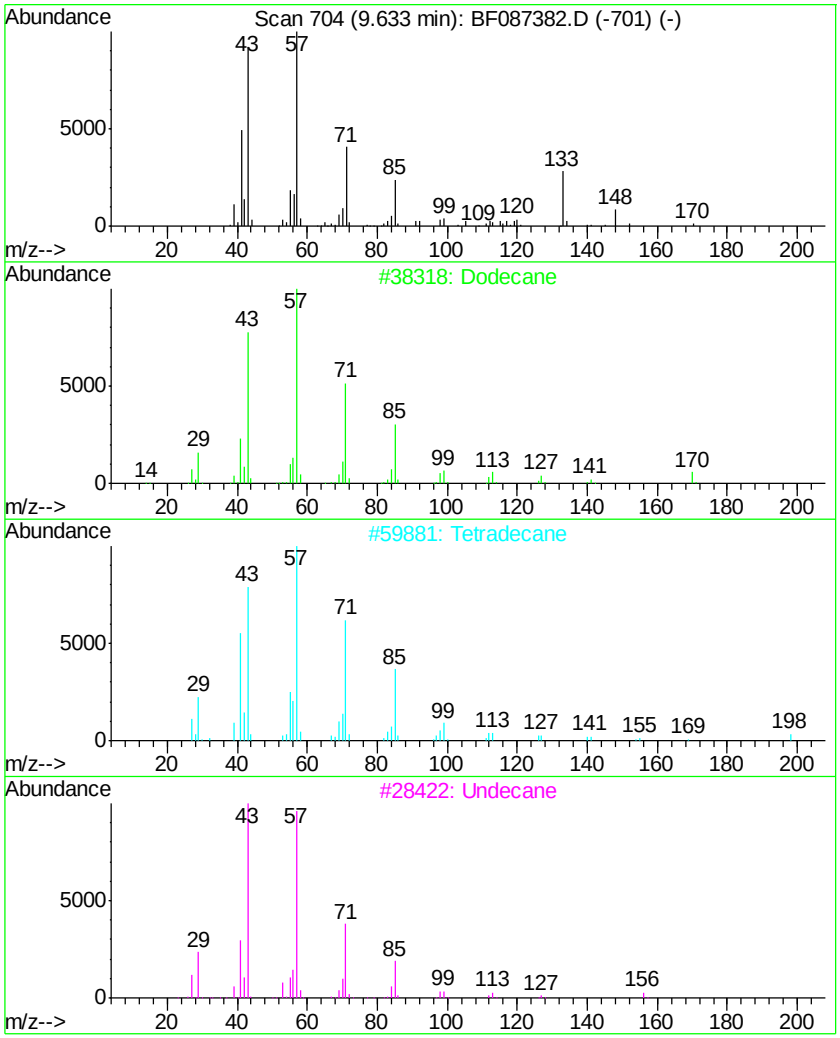
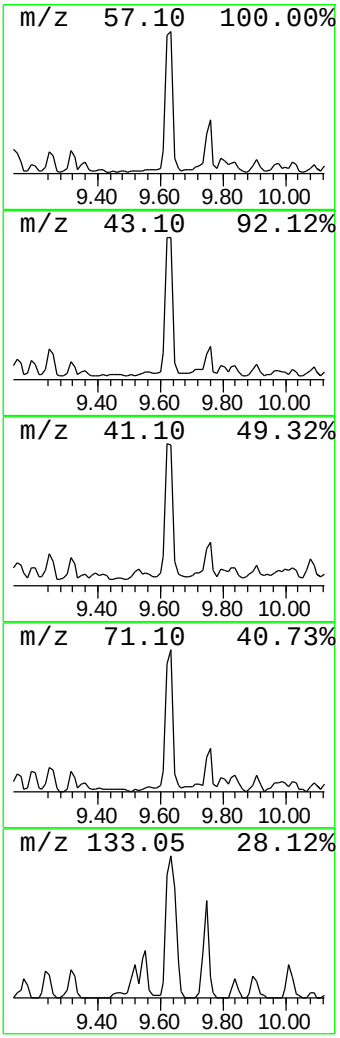
Peak Number 7 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	5.54 ng	525963	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Tetradecane	198	C14H30	000629-59-4	59
3	Undecane	156	C11H24	001120-21-4	59
4	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087382.D
Acq On : 25 May 2016 20:44
Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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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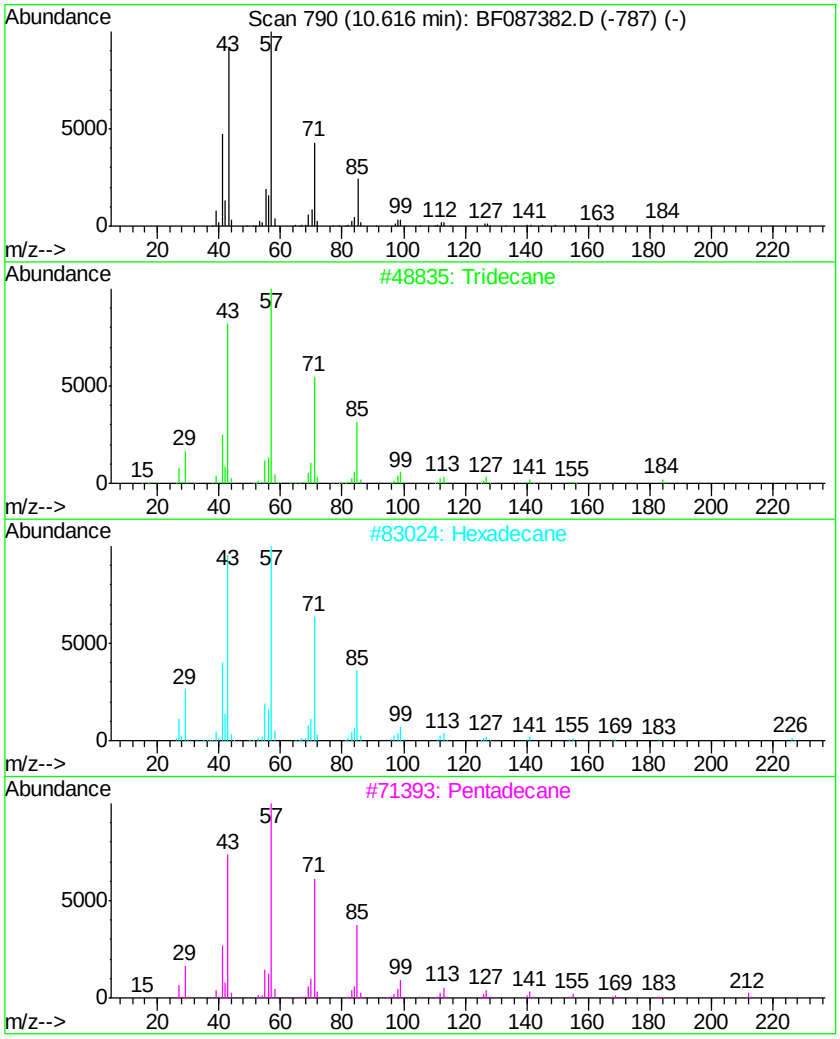
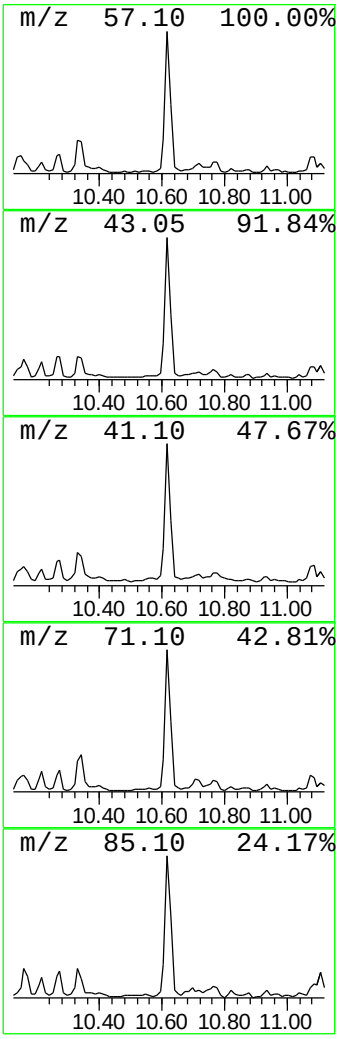
Peak Number 8 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	7.71 ng	732438	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	83
3	Pentadecane	212	C15H32	000629-62-9	78
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	78
5	Dodecane	170	C12H26	000112-40-3	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087382.D
Acq On : 25 May 2016 20:44
Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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

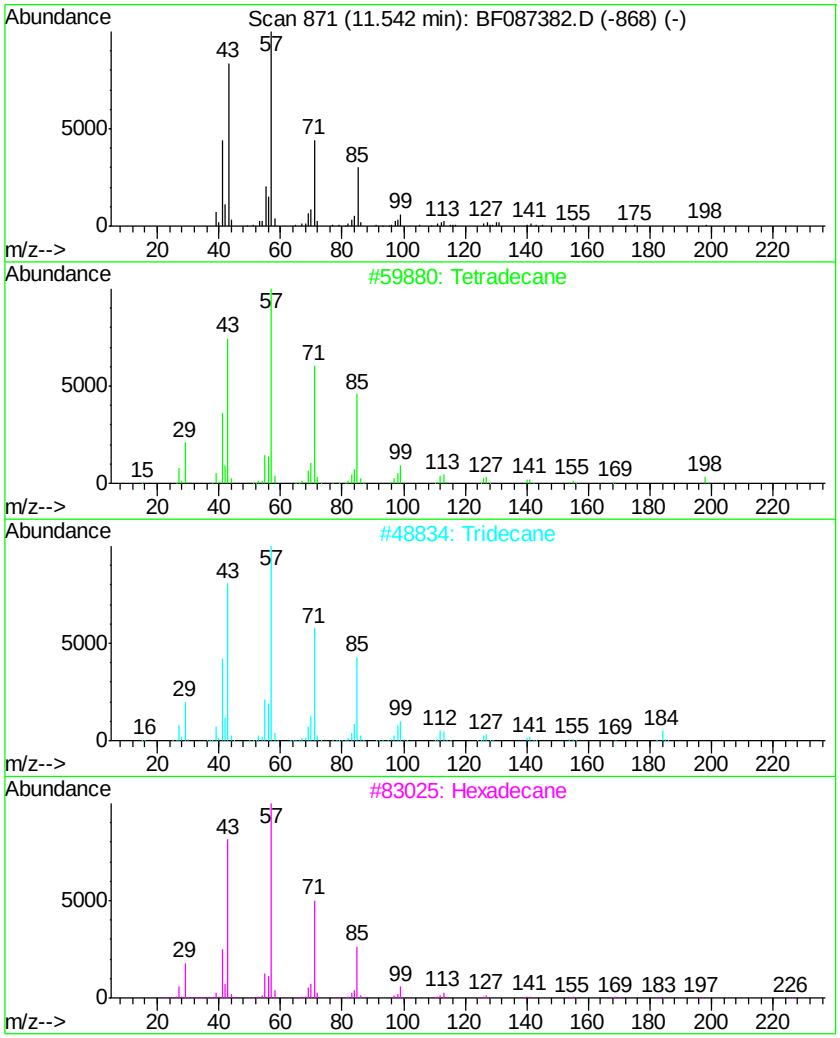
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

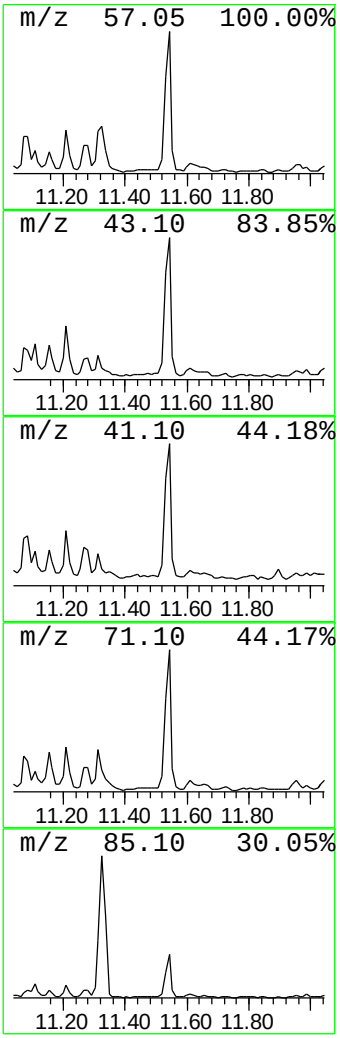
****

Peak Number 9 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	3.71 ng	361691	Acenaphthene-d10	12.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Undecane	156	C11H24	001120-21-4	86
5	Pentadecane	212	C15H32	000629-62-9	86





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Acq On : 25 May 2016 20:44
Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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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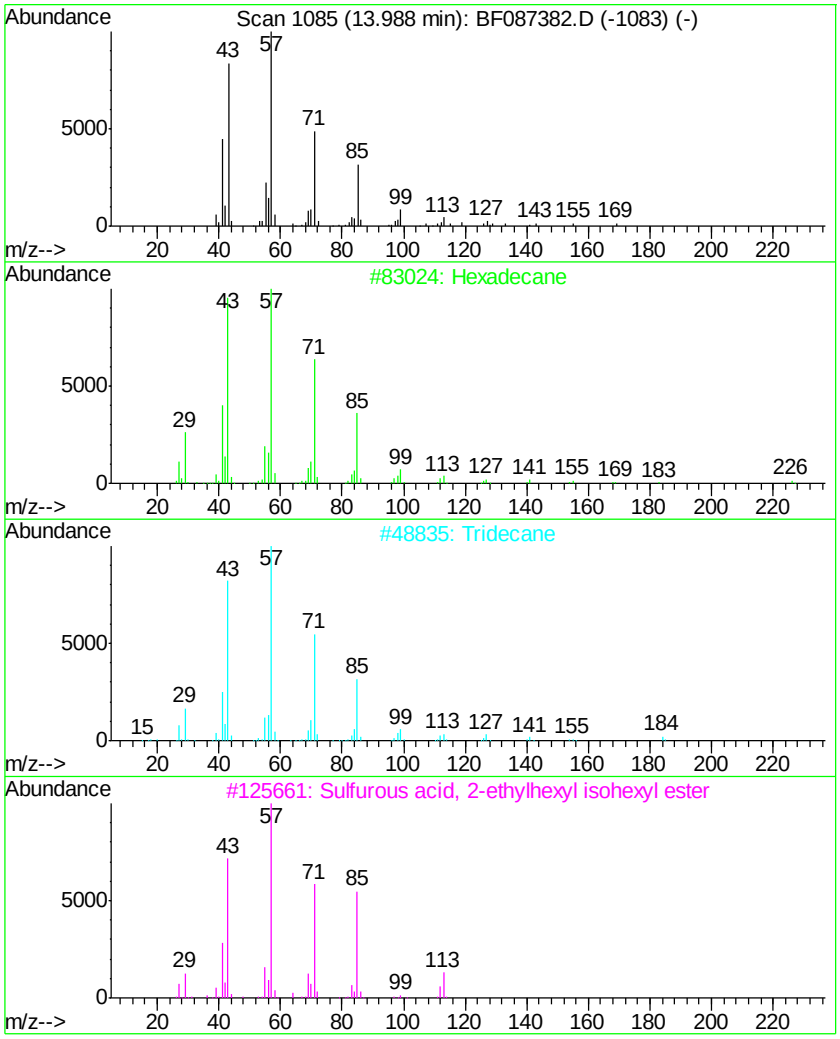
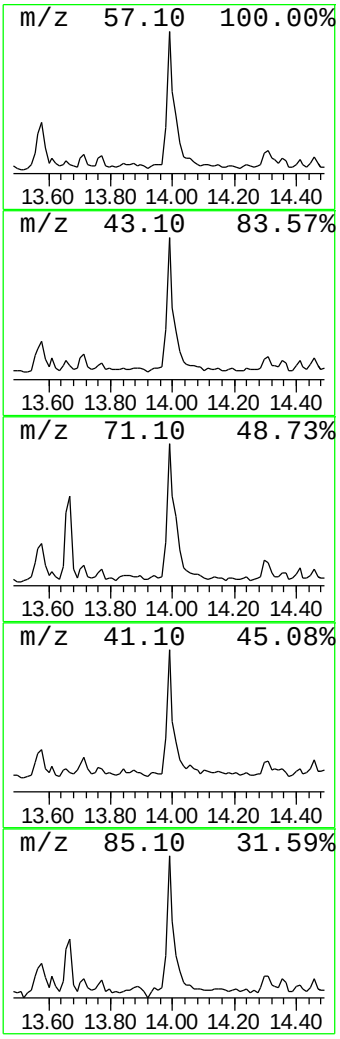
Peak Number 10 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	3.16 ng	232451	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	78
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
5	Tetradecane	198	C14H30	000629-59-4	72





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Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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

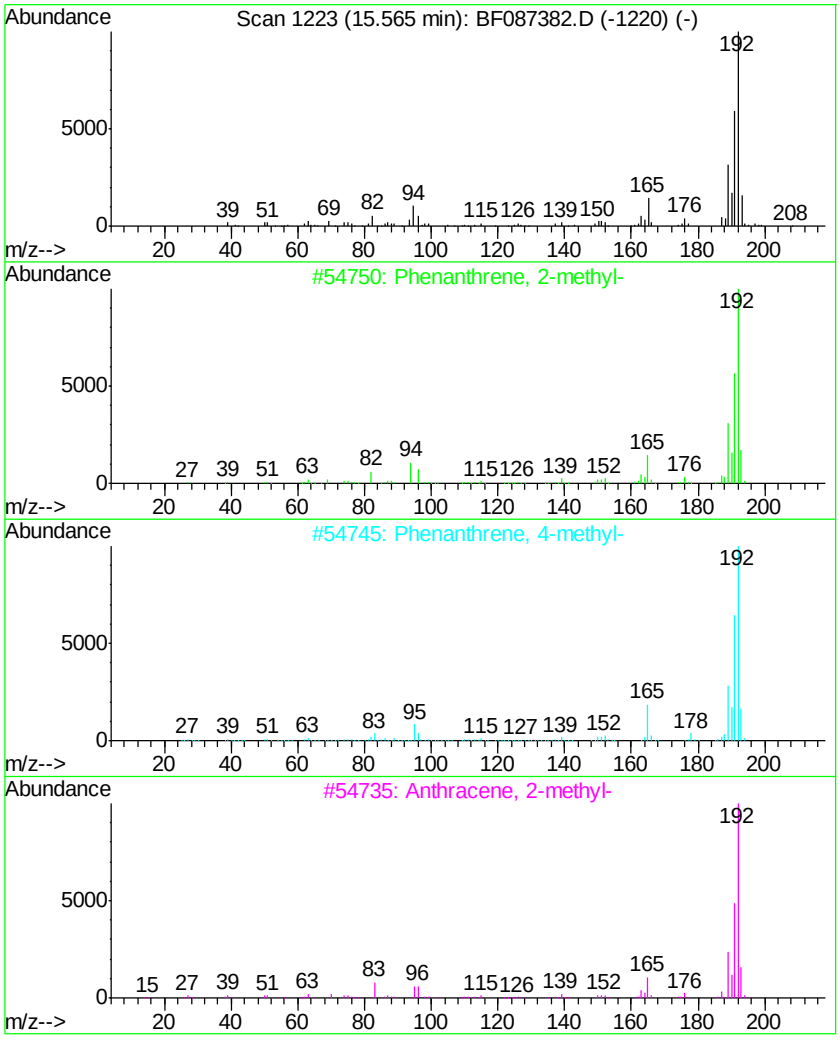
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

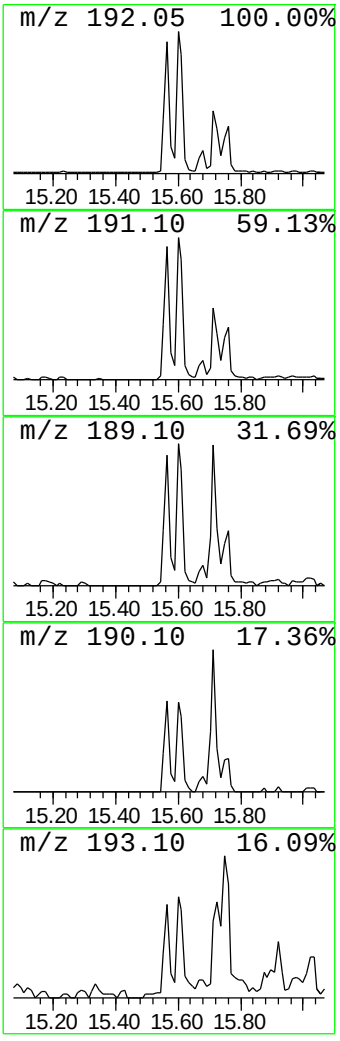
****

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.74 ng	200935	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Acq On : 25 May 2016 20:44
Operator : UM/SJ
Sample : H3242-03
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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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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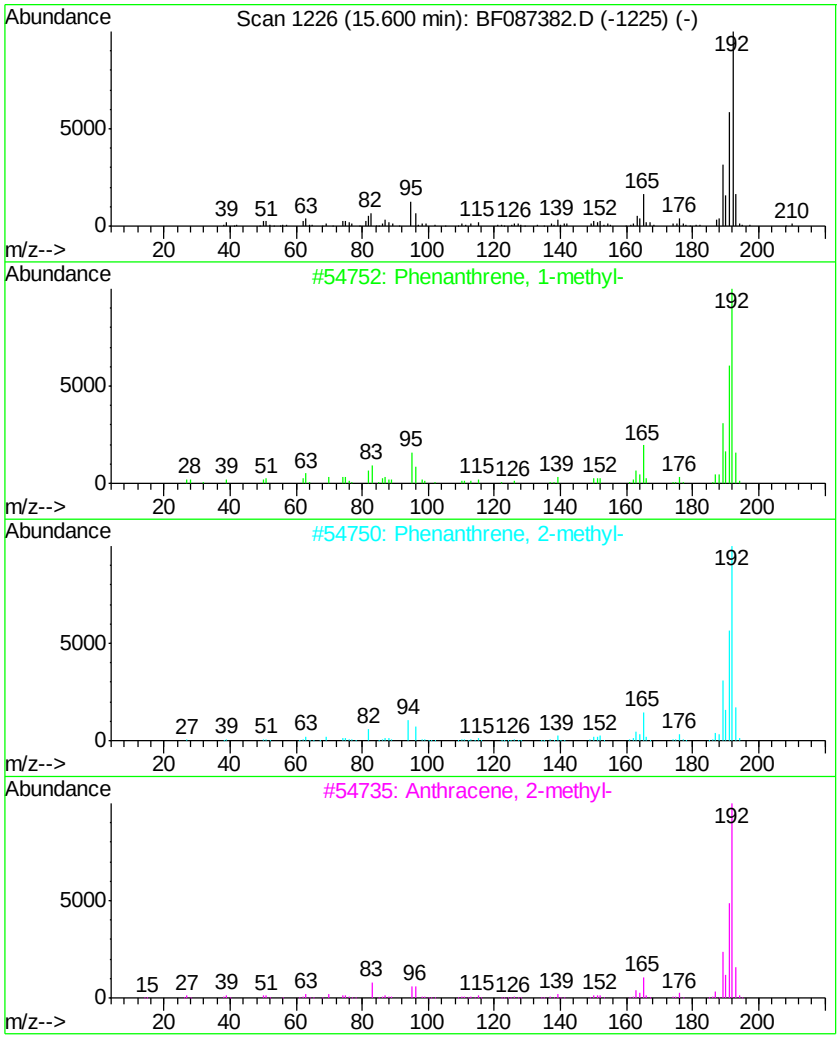
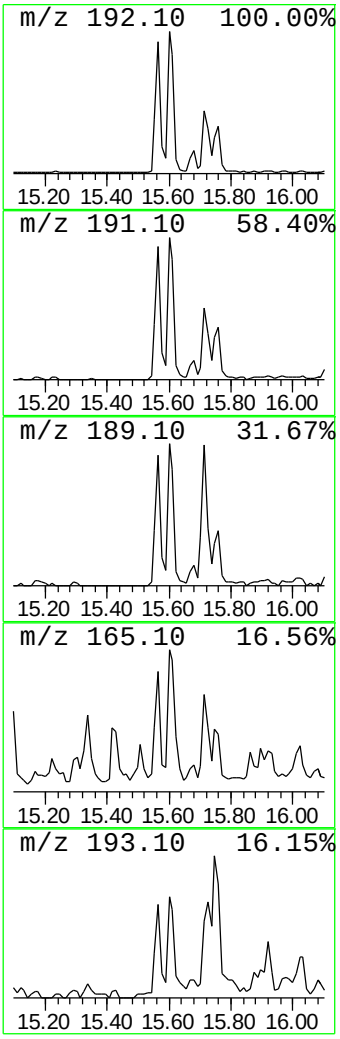
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	3.22 ng	236803	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Library Search Compound Report

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Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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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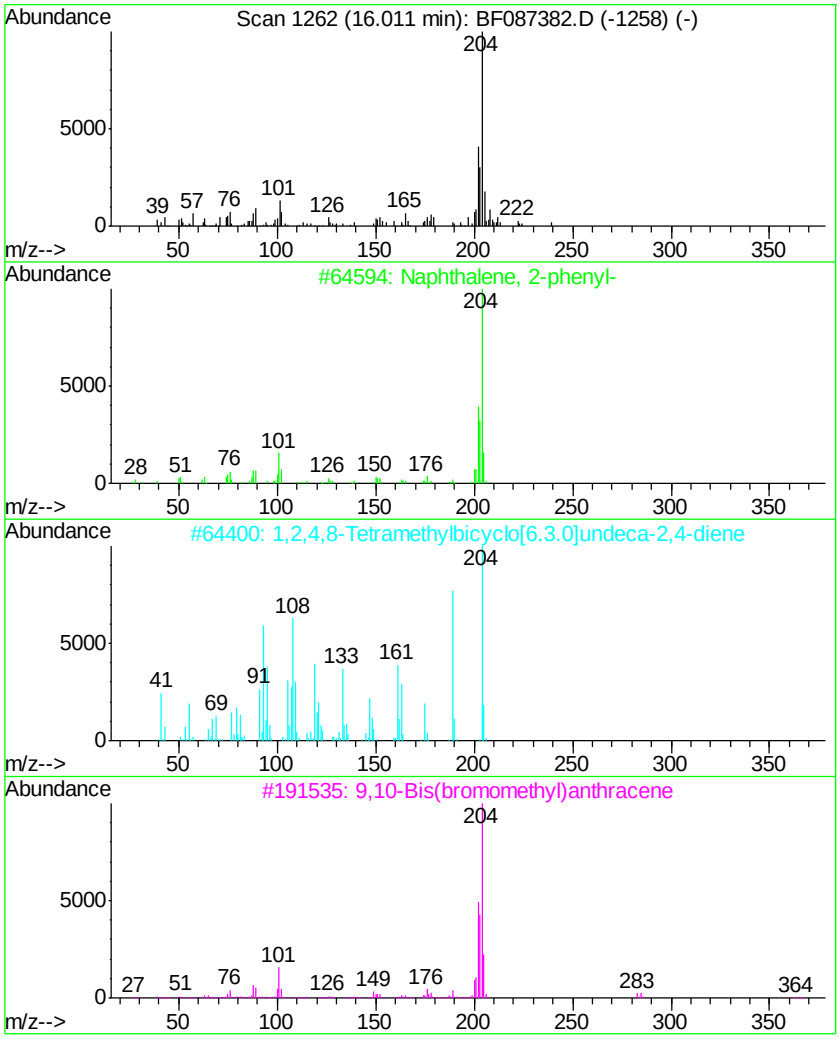
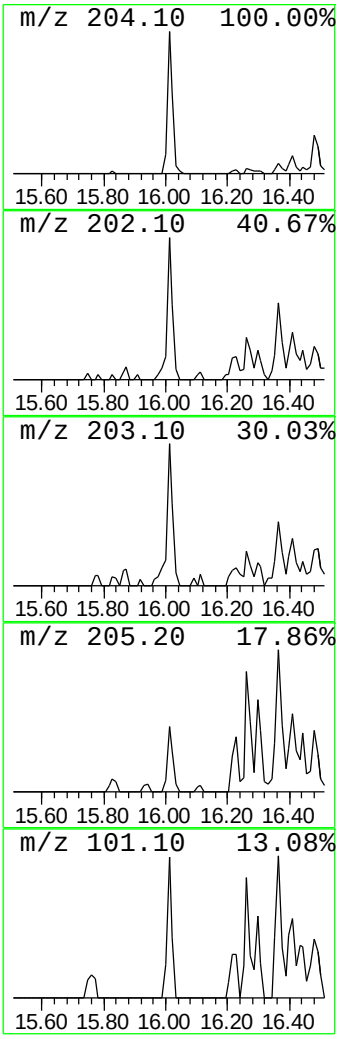
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.82 ng	207421	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
4	6-Phenylbenzocycloheptен-7-one	232	C17H12O	093327-56-1	86
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83





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Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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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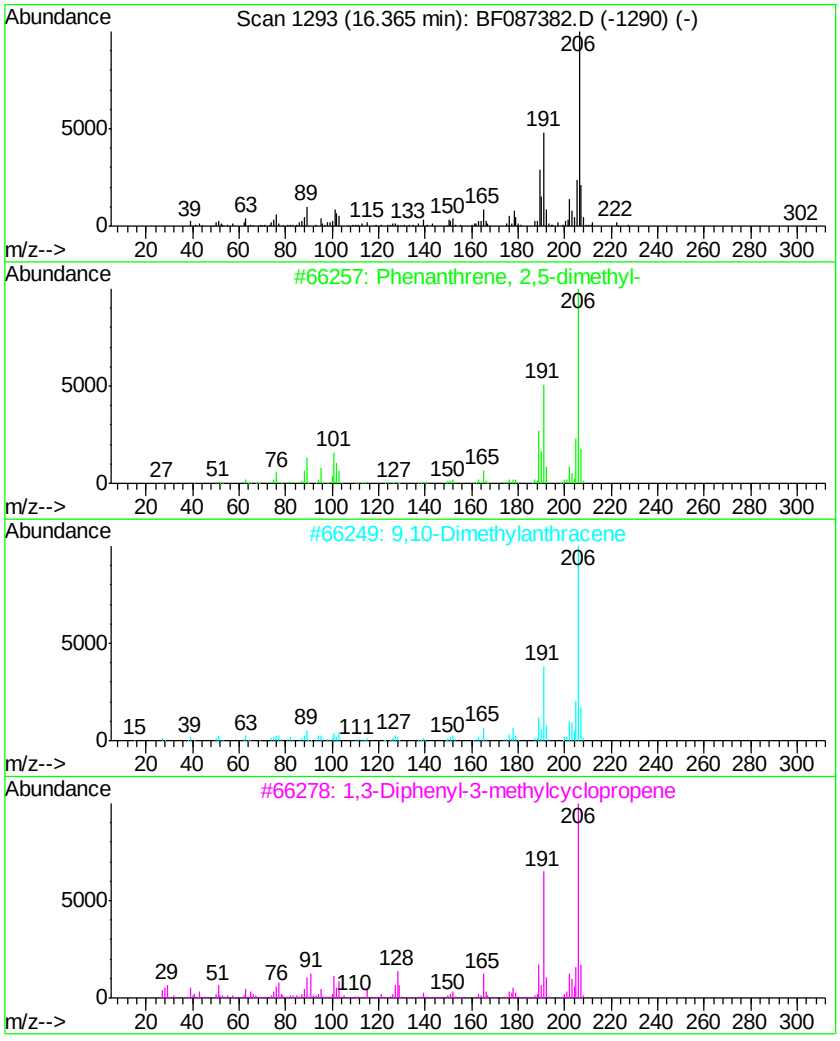
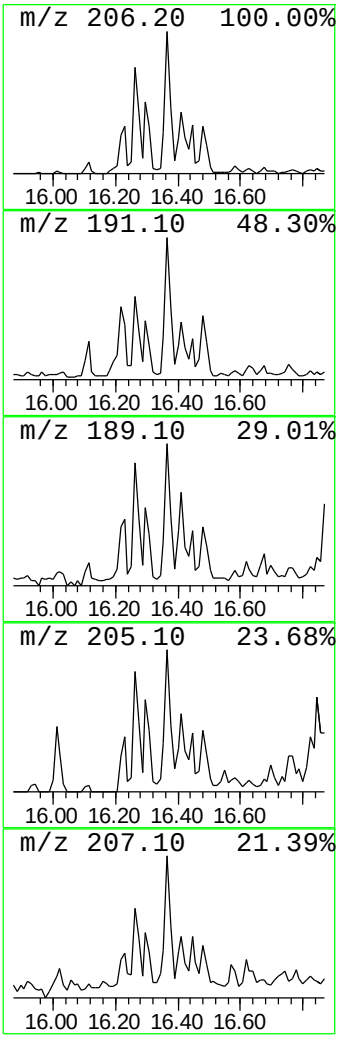
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.28 ng	240913	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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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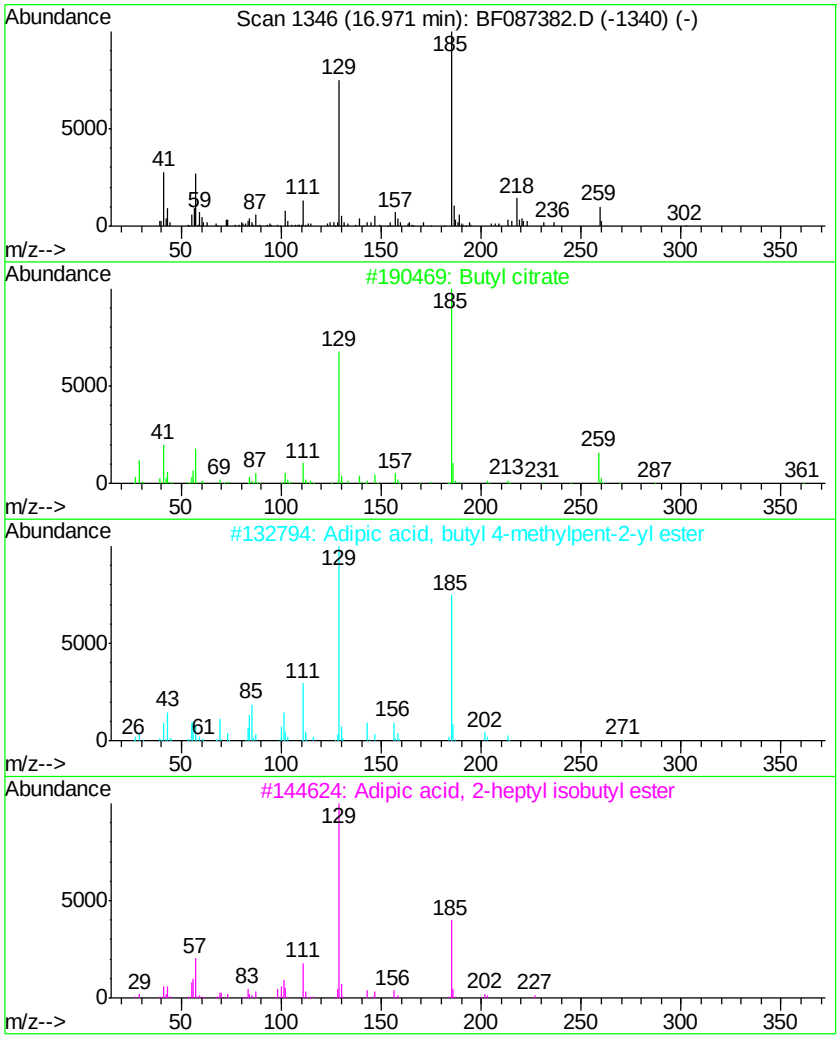
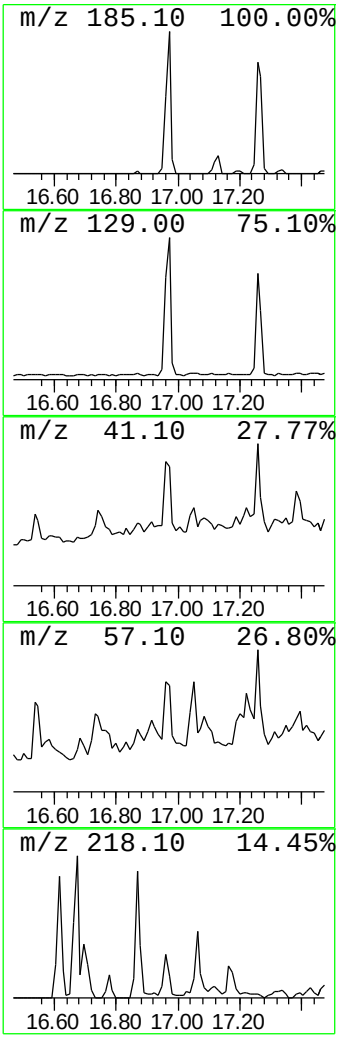
Peak Number 15 Butyl citrate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	2.90 ng	270422	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	83
2	Adipic acid, butyl 4-methylpent-...	286	C16H30O4	1000353-50-2	72
3	Adipic acid, 2-heptyl isobutyl e...	300	C17H32O4	1000353-64-3	64
4	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	64
5	Adipic acid, butyl 2-decyl ester	342	C20H38O4	1000353-59-7	64





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Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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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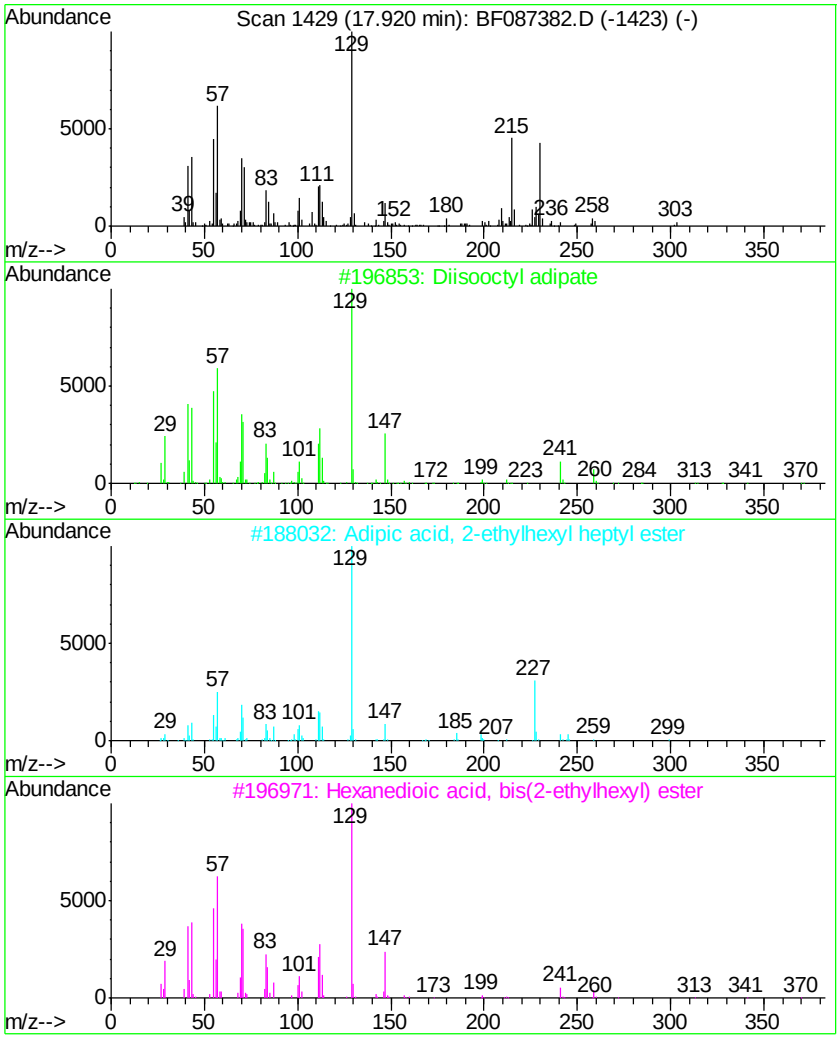
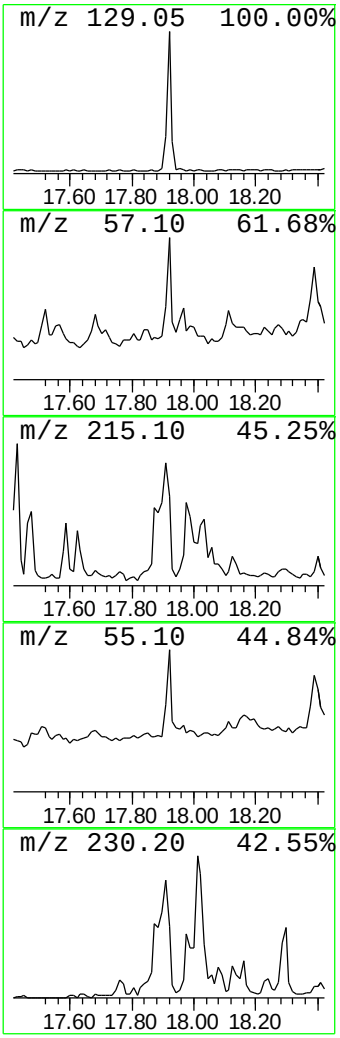
Peak Number 16 Diisooctyl adipate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.19 ng	391179	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	50
2	Adipic acid, 2-ethylhexyl heptyl...	356	C21H40O4	1000324-48-5	47
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	45
4	Adipic acid, heptyl 3-pentyl ester	314	C18H34O4	1000324-60-9	43
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	42





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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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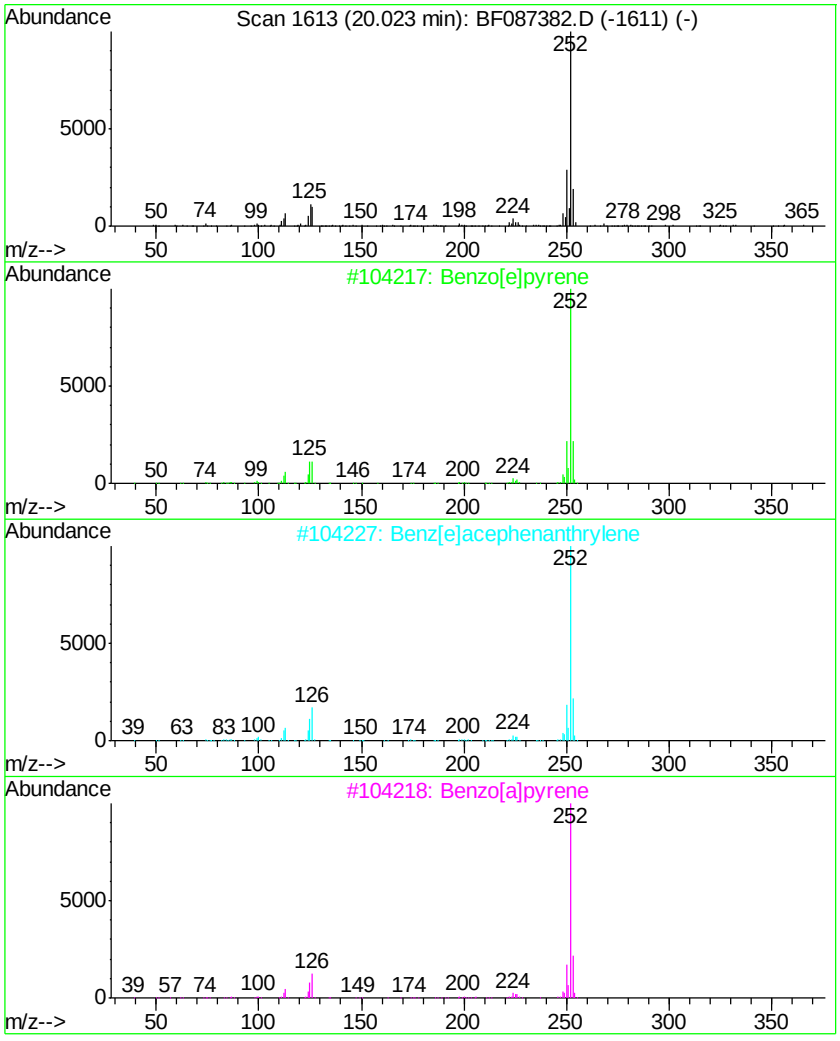
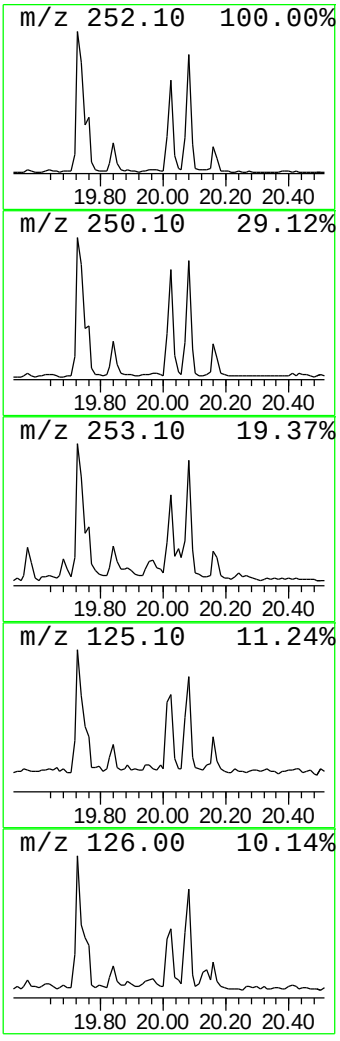
Peak Number 17 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	3.56 ng	160747	Perylene-d12	20.14

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64





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Acq On : 25 May 2016 20:44
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Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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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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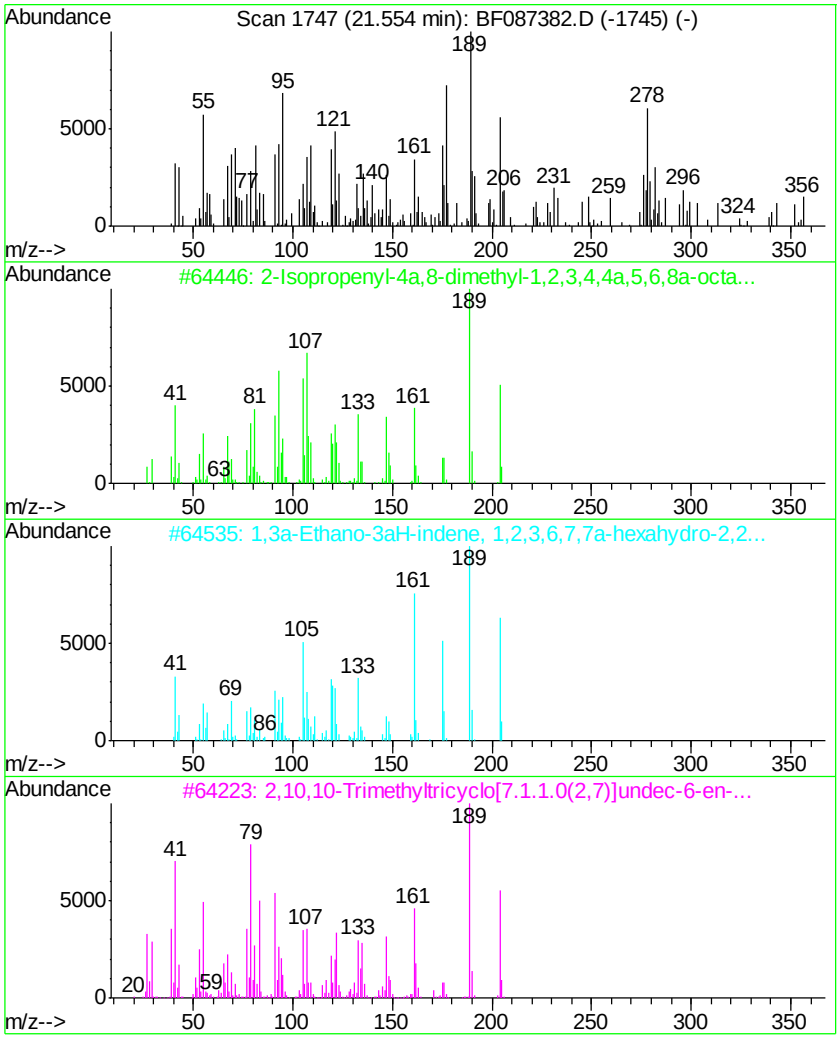
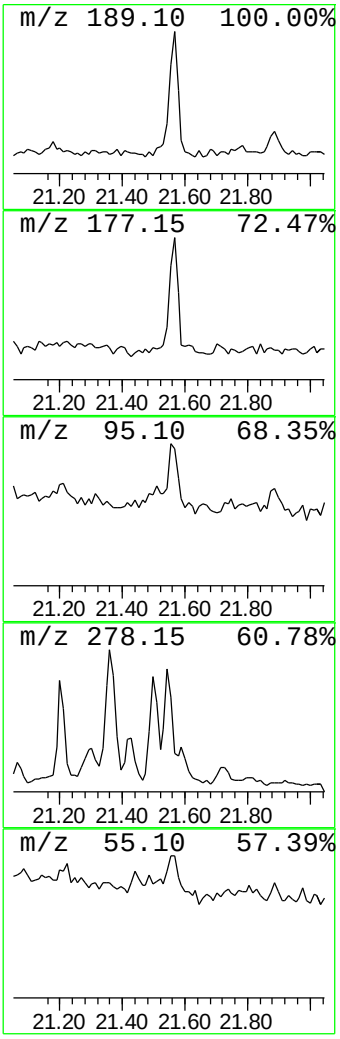
Peak Number 19 unknown21.55 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	5.15 ng	232683	Perylene-d12	20.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	38
2	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	35
3	2,10,10-Trimethyltricyclo[7.1.1....	204	C14H20O	1000210-81-9	30
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	30
5	5.beta.,7.beta.H,10.alpha.-Eudes...	222	C15H26O	025826-85-1	25





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : E-5(6.5-7)

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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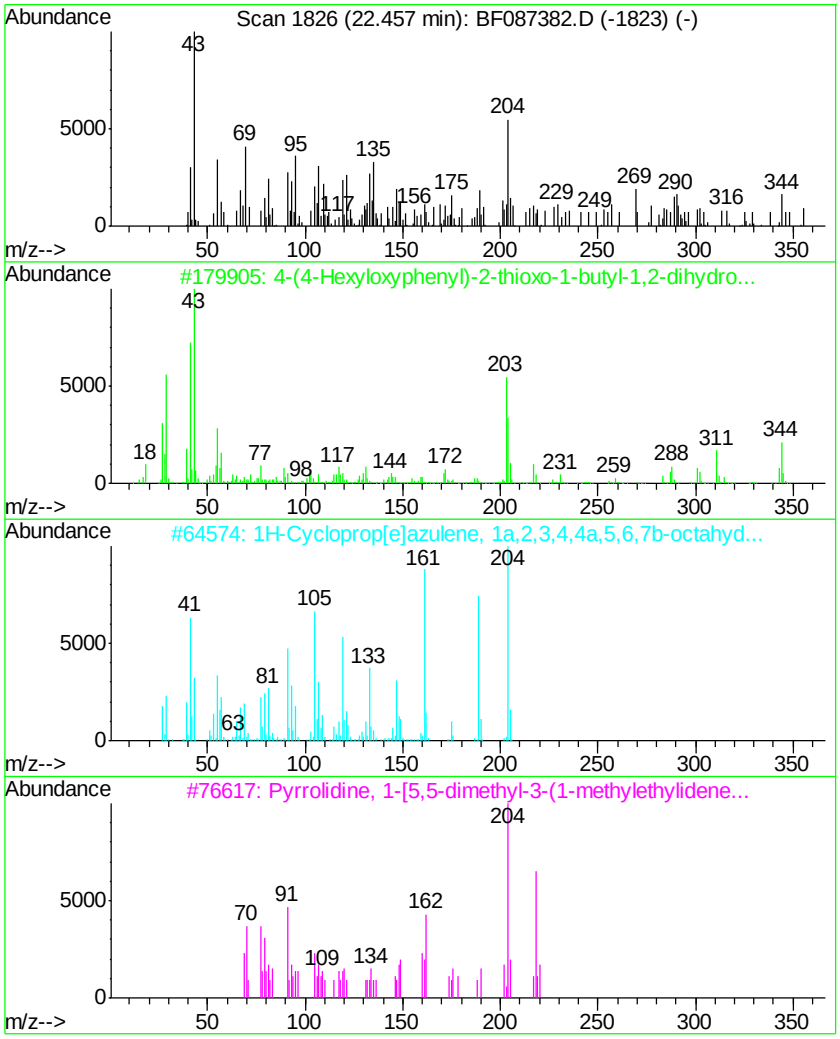
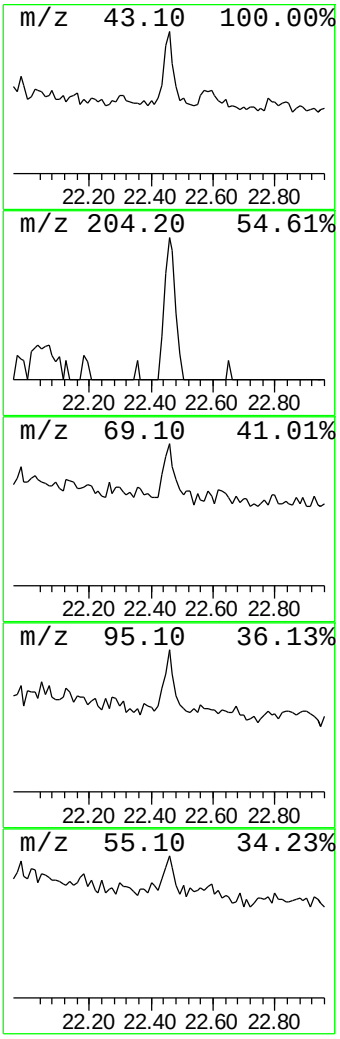
Peak Number 20 unknown22.46 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	3.65 ng	164819	Perylene-d12	20.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Hexyloxyphenyl)-2-thioxo-1-...	344	C20H28N2OS	1000287-24-4	20
2	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	15
3	Pyrrolidine, 1-[5,5-dimethyl-3-(...	219	C15H25N	028017-82-5	15
4	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	15
5	3H-3a,7-Methanoazulene, 2,4,5,6,...	204	C15H24	002387-78-2	15





Tentatively Identified Compound (LSC) summary

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Data File : BF087382.D
Acq On : 25 May 2016 20:44
Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-5(6.5-7)

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...	4.78	7.0	ng	522976	1	7.52	1494680	20.0
unknown7.18	7.18	56.2	ng	4198060	1	7.52	1494680	20.0
Undecane	7.31	2.8	ng	208500	1	7.52	1494680	20.0
Dodecane	9.63	5.5	ng	525963	2	9.55	1900050	20.0
Tridecane	10.62	7.7	ng	732438	2	9.55	1900050	20.0
Tetradecane	11.54	3.7	ng	361691	3	12.38	1948080	20.0
Hexadecane	13.99	3.2	ng	232451	4	14.78	1469080	20.0
Phenanthrene, 2-m...	15.57	2.7	ng	200935	4	14.78	1469080	20.0
Phenanthrene, 1-m...	15.60	3.2	ng	236803	4	14.78	1469080	20.0
Naphthalene, 2-ph...	16.01	2.8	ng	207421	4	14.78	1469080	20.0
Phenanthrene, 2,5...	16.37	3.3	ng	240913	4	14.78	1469080	20.0
Butyl citrate	16.97	2.9	ng	270422	5	18.47	1868010	20.0
Diisooctyl adipate	17.92	4.2	ng	391179	5	18.47	1868010	20.0
Benzo[e]pyrene	20.02	3.6	ng	160747	6	20.14	904332	20.0
unknown21.55	21.55	5.2	ng	232683	6	20.14	904332	20.0
unknown22.46	22.46	3.6	ng	164819	6	20.14	904332	20.0