LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087377.D
Acq On : 25 May 2016 17:52
Operator : UM/SJ
Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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-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	3174190	5856601	100.00%	11.383%
2	4.776	277	279	293	rVV	104786	286491	4.89%	0.557%
3	5.416	332	335	345	rBV	2144524	3770711	64.38%	7.329%
4	7.062	476	479	482	rVV	2503061	4001831	68.33%	7.778%
5	7.176	486	489	494	rVV	3059251	4289558	73.24%	8.337%
6	7.244	494	495	498	rVV	39285	67173	1.15%	0.131%
7	7.313	498	501	506	rVB3	30890	61965	1.06%	0.120%
8	7.519	517	519	524	rBV	568963	747501	12.76%	1.453%
9	7.599	524	526	529	rVB2	53741	79440	1.36%	0.154%
10	7.759	537	540	542	rBV	2423087	3236010	55.25%	6.290%
11	8.433	596	599	602	rBV	2012181	2725903	46.54%	5.298%
12	8.547	607	609	614	rVB2	40425	71624	1.22%	0.139%
13	8.776	626	629	632	rBV2	35908	76590	1.31%	0.149%
14	9.542	694	696	699	rBV	623212	926621	15.82%	1.801%
15	9.633	702	704	707	rVB	47534	70449	1.20%	0.137%
16	9.759	712	715	717	rBV	65042	84059	1.44%	0.163%
17	10.342	763	766	770	rBV	95542	131593	2.25%	0.256%
18	10.616	788	790	794	rVV	71460	101289	1.73%	0.197%
19	10.708	796	798	802	rVV	76033	109275	1.87%	0.212%
20	10.856	809	811	815	rBV	67324	113855	1.94%	0.221%
21	11.325	849	852	855	rBV	2697070	4389586	74.95%	8.532%
22	11.542	868	871	875	rVB	90993	140597	2.40%	0.273%
23	11.725	885	887	892	rBV	28035	63686	1.09%	0.124%
24	11.839	896	897	900	rVV	67522	108307	1.85%	0.211%
25	11.885	900	901	904	rVB2	72134	106154	1.81%	0.206%
26	12.022	910	913	915	rVV	914788	1184606	20.23%	2.302%
27	12.056	915	916	918	rVV2	99848	103307	1.76%	0.201%
28	12.148	922	924	929	rBV	117719	175711	3.00%	0.342%
29	12.376	941	944	949	rBV2	685929	1131587	19.32%	2.199%
30	12.719	972	974	978	rBV2	34332	77882	1.33%	0.151%
31	12.799	978	981	985	rVB3	43551	96575	1.65%	0.188%
32	12.914	989	991	994	rVB	69095	111327	1.90%	0.216%
33	12.971	994	996	999	rBV2	34799	65188	1.11%	0.127%
34	13.222	1014	1018	1020	rBV	161604	257801	4.40%	0.501%

LSC Area Percent Report

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Sample : H3211-01
Misc :
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Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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

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Peak separation: 5

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

35	13.268	1020	1022	1026	rVB	60403	97971	1.67%	0.190%
36	13.577	1043	1049	1051	rBV3	67700	168701	2.88%	0.328%
37	13.668	1054	1057	1060	rVV	1646203	2155739	36.81%	4.190%
38	13.737	1062	1063	1067	rVB2	44921	78093	1.33%	0.152%
39	13.988	1082	1085	1089	rBV	207205	449664	7.68%	0.874%
40	14.399	1118	1121	1124	rBV5	26887	72652	1.24%	0.141%
41	14.720	1146	1149	1151	rBV	172064	203291	3.47%	0.395%
42	14.777	1151	1154	1156	rBV	524471	863476	14.74%	1.678%
43	14.811	1156	1157	1160	rVB	172016	164297	2.81%	0.319%
44	14.902	1160	1165	1168	rBV	67984	123661	2.11%	0.240%
45	15.222	1189	1193	1197	rVV5	28809	114191	1.95%	0.222%
46	15.302	1197	1200	1206	rVV4	86926	276384	4.72%	0.537%
47	15.394	1206	1208	1210	rVV	167243	197600	3.37%	0.384%
48	15.565	1220	1223	1225	rBV	77749	94905	1.62%	0.184%
49	15.611	1225	1227	1231	rBV2	105034	169244	2.89%	0.329%
50	15.714	1234	1236	1238	rVV	78436	108161	1.85%	0.210%
51	15.760	1238	1240	1245	rVB	134339	202123	3.45%	0.393%
52	15.931	1251	1255	1257	rVB3	23830	61114	1.04%	0.119%
53	16.000	1258	1261	1265	rBV3	108825	245428	4.19%	0.477%
54	16.114	1269	1271	1274	rVB	273797	295377	5.04%	0.574%
55	16.217	1278	1280	1283	rBV2	34342	69435	1.19%	0.135%
56	16.365	1289	1293	1295	rBV	137108	214306	3.66%	0.417%
57	16.411	1295	1297	1299	rVV2	50807	73285	1.25%	0.142%
58	16.491	1302	1304	1306	rVB	61011	93668	1.60%	0.182%
59	16.537	1306	1308	1309	rBV	104759	152182	2.60%	0.296%
60	16.571	1309	1311	1314	rVV	387685	435030	7.43%	0.846%
61	16.674	1318	1320	1321	rBV	52007	67451	1.15%	0.131%
62	16.868	1335	1337	1340	rVB	400839	534213	9.12%	1.038%
63	16.948	1342	1344	1346	rBV2	39323	74915	1.28%	0.146%
64	16.994	1346	1348	1350	rVB	57423	70355	1.20%	0.137%
65	17.051	1350	1353	1356	rBV2	73734	148294	2.53%	0.288%
66	17.131	1356	1360	1362	rVV	2418592	3092069	52.80%	6.010%
67	17.314	1372	1376	1377	rBV3	69357	131379	2.24%	0.255%
68	17.474	1387	1390	1392	rBV2	103568	140959	2.41%	0.274%
69	17.520	1392	1394	1396	rVV	71842	80493	1.37%	0.156%
70	17.600	1396	1401	1405	rVV3	137687	271875	4.64%	0.528%
71	17.794	1414	1418	1420	rVB3	24206	59165	1.01%	0.115%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3211-01
Misc :
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Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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72	17.966	1430	1433	1436	rBV4	42613	90075	1.54%	0.175%
73	18.023	1436	1438	1440	rVB	76399	97138	1.66%	0.189%
74	18.137	1446	1448	1450	rBV	41672	85289	1.46%	0.166%
75	18.297	1460	1462	1464	rBV	54829	65091	1.11%	0.127%
76	18.388	1467	1470	1473	rBV3	106993	254150	4.34%	0.494%
77	18.468	1473	1477	1479	rVV2	642425	1188001	20.28%	2.309%
78	18.503	1479	1480	1486	rVV	288109	350837	5.99%	0.682%
79	18.594	1486	1488	1490	rVV2	37708	61047	1.04%	0.119%
80	18.674	1493	1495	1499	rVV2	38418	101347	1.73%	0.197%
81	18.788	1503	1505	1508	rVB3	58277	74868	1.28%	0.146%
82	18.971	1519	1521	1523	rVB	85434	82060	1.40%	0.159%
83	19.131	1532	1535	1537	rBV3	38765	81757	1.40%	0.159%
84	19.566	1572	1573	1575	rBV	49147	70747	1.21%	0.138%
85	19.737	1585	1588	1593	rBV	307051	737269	12.59%	1.433%
86	19.840	1596	1597	1600	rBV2	84788	100373	1.71%	0.195%
87	20.023	1611	1613	1616	rBV	226382	270416	4.62%	0.526%
88	20.080	1616	1618	1621	rVV	221561	236141	4.03%	0.459%
89	20.137	1621	1623	1625	rBV	394340	455676	7.78%	0.886%
90	21.372	1728	1731	1735	rBV2	111920	230584	3.94%	0.448%
91	21.715	1759	1761	1768	rVB	75100	144962	2.48%	0.282%

Sum of corrected areas: 51449827

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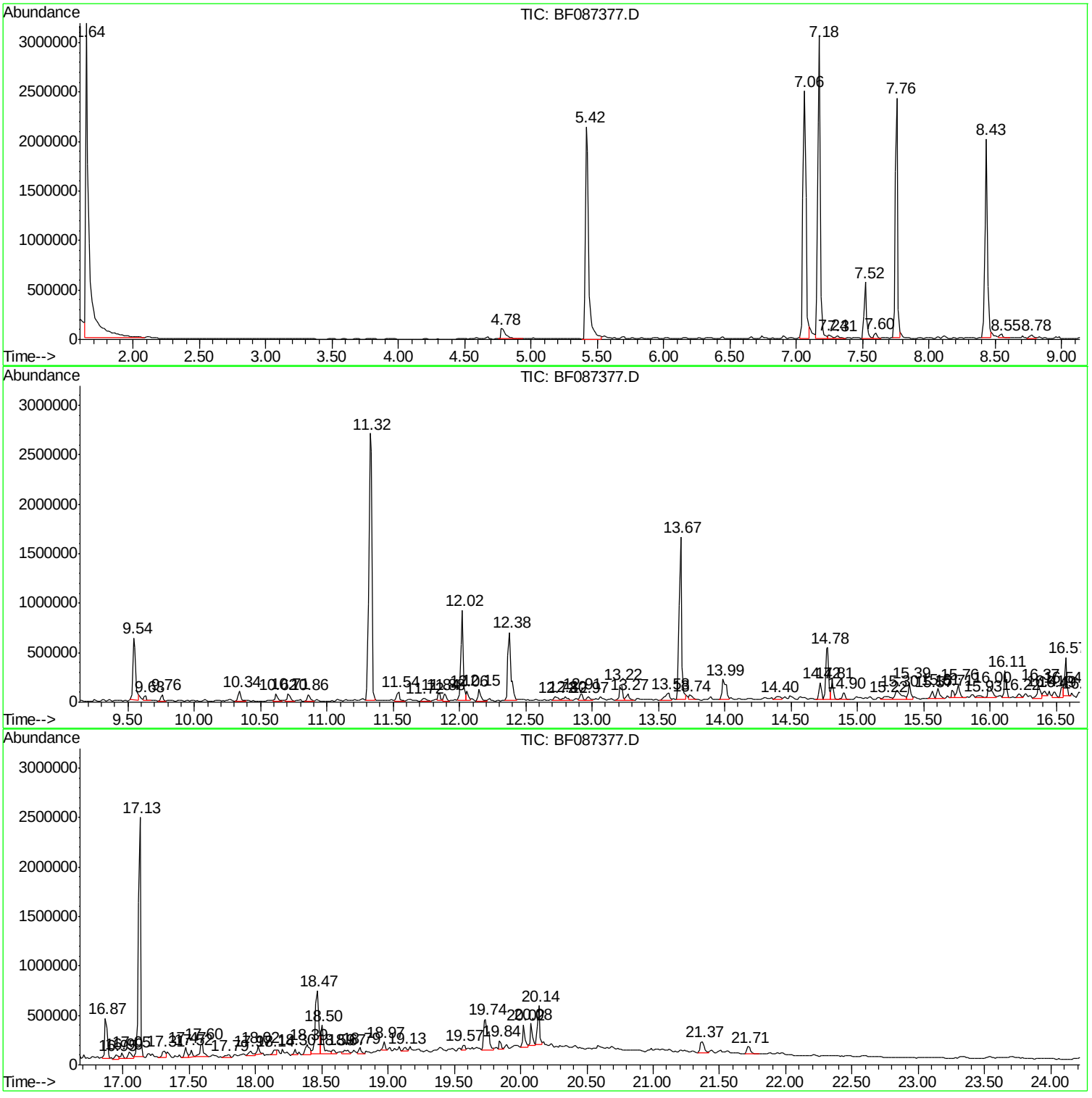
Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TA-1294-(0-4)

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087377.D
Acq On : 25 May 2016 17:52
Operator : UM/SJ
Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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

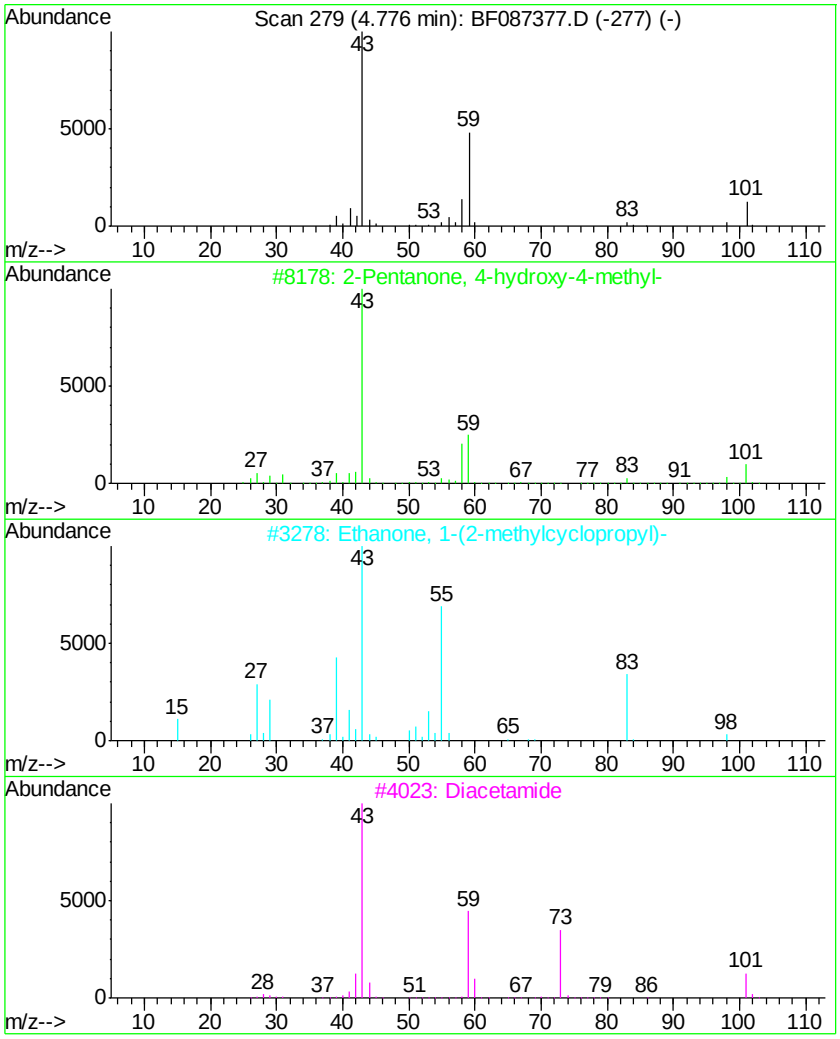
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

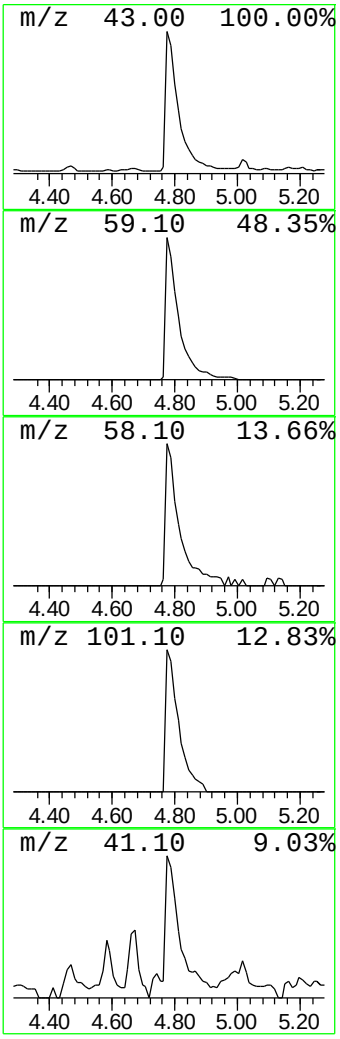
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	7.67 ng	286491	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	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Pentanone, 5-(acetyloxy)-	144	C7H12O3	005185-97-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087377.D
Acq On : 25 May 2016 17:52
Operator : UM/SJ
Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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

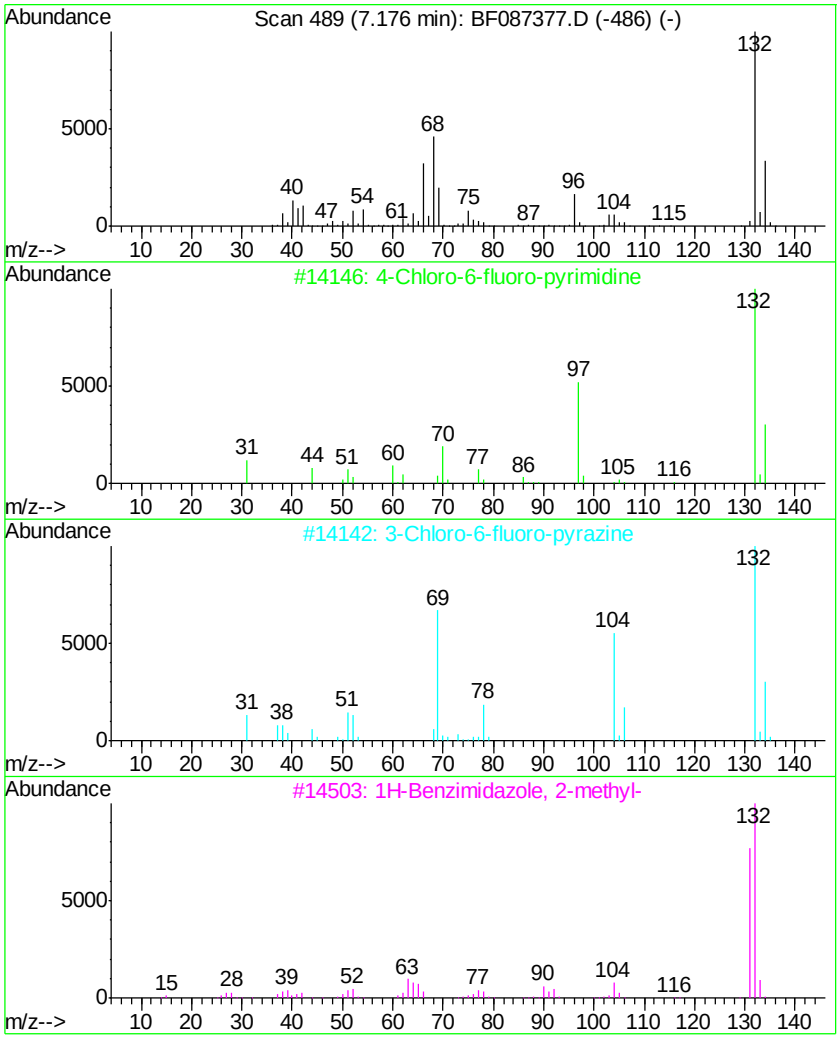
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

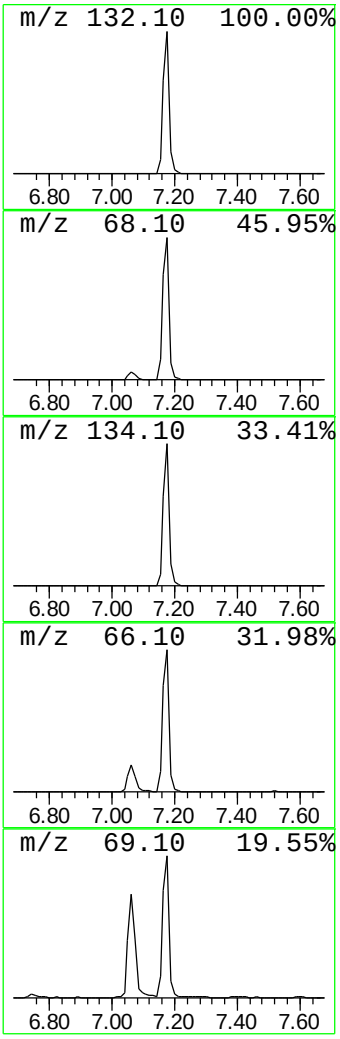
****

Peak Number 3 unknown7.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	114.77 ng	4289560	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	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





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Sample : H3211-01
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Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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

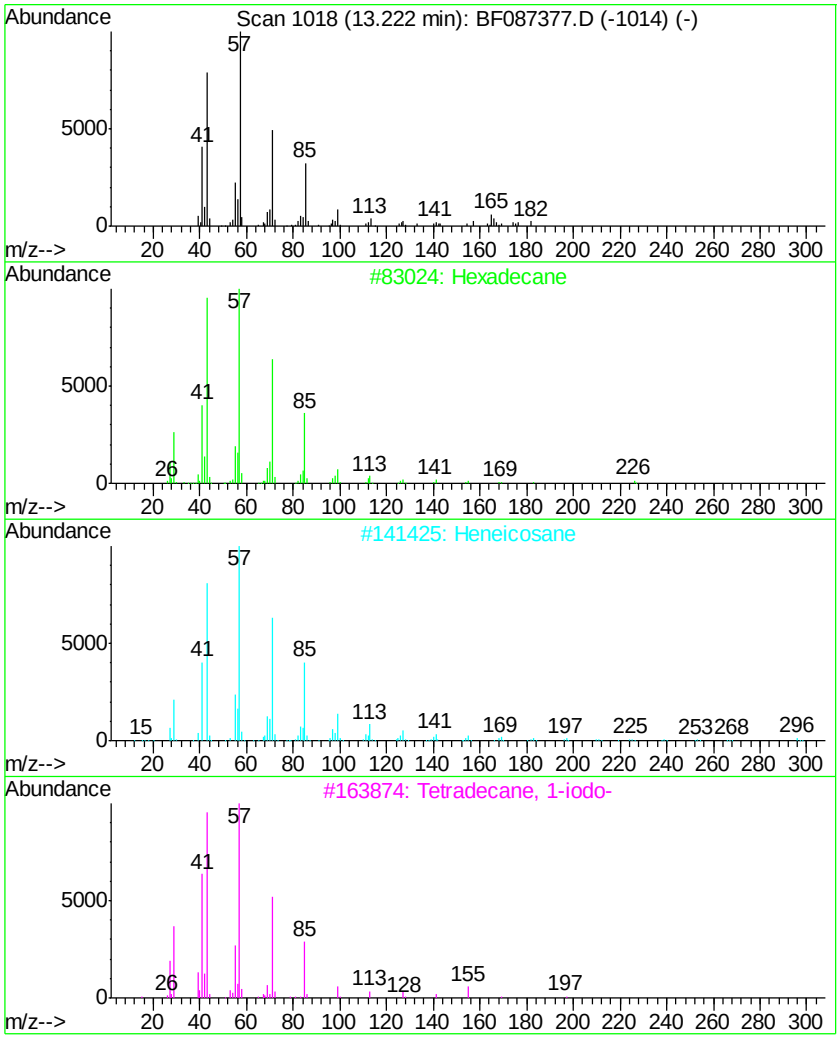
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

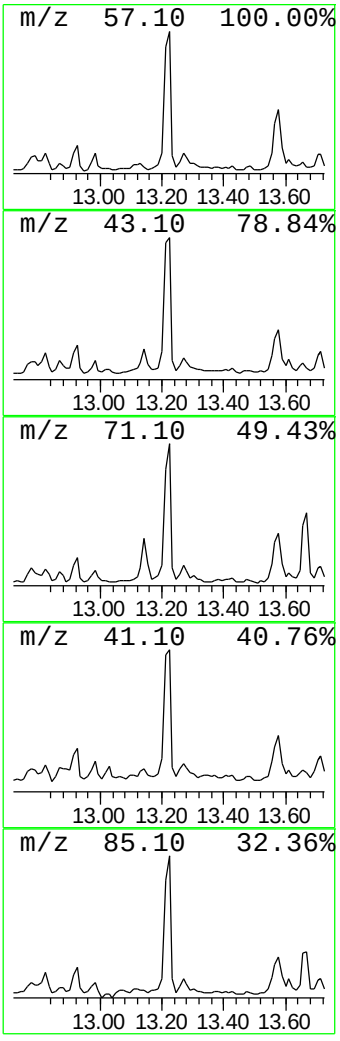
****

Peak Number 5 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	4.56 ng	257801	Acenaphthene-d10	12.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	72





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Instrument : BNA_F
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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
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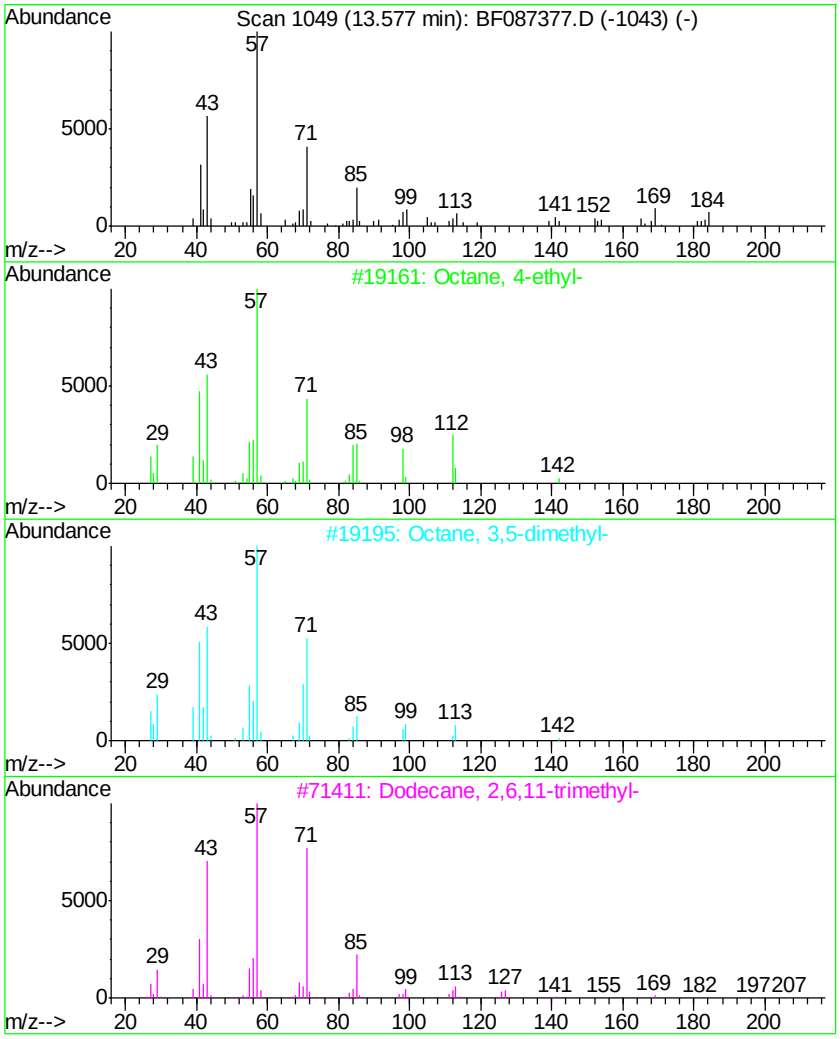
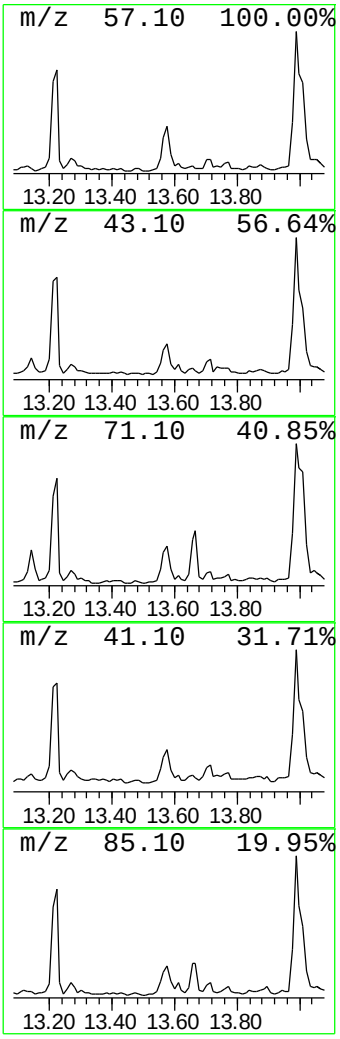
****

Peak Number 6 Octane, 4-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.91 ng	168701	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	62
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
5	Dodecane	170	C12H26	000112-40-3	50





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Acq On : 25 May 2016 17:52
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Sample : H3211-01
Misc :
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Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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

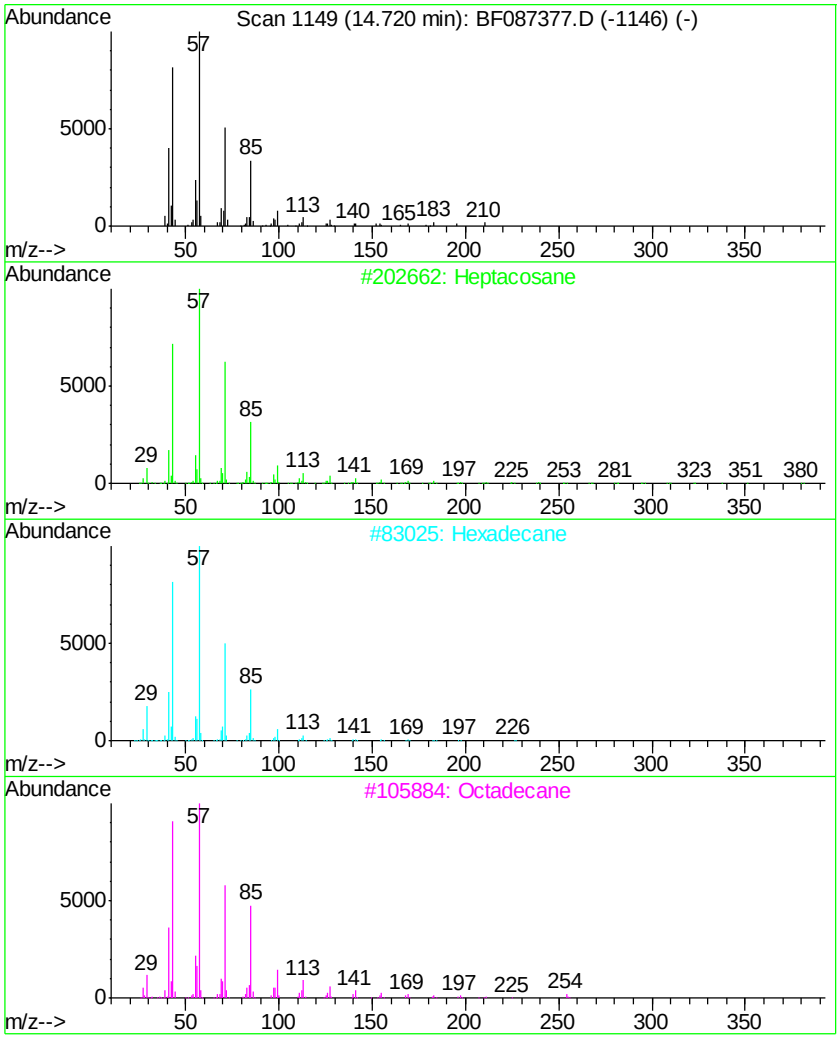
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

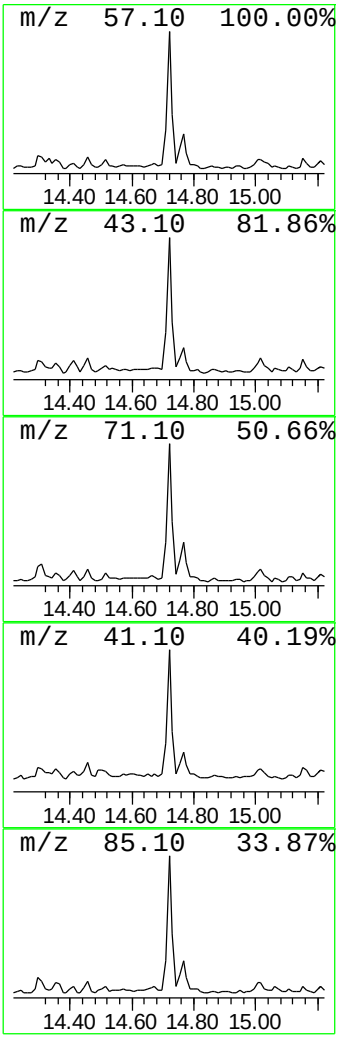
****

Peak Number 8 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	4.71 ng	203291	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Eicosane	282	C20H42	000112-95-8	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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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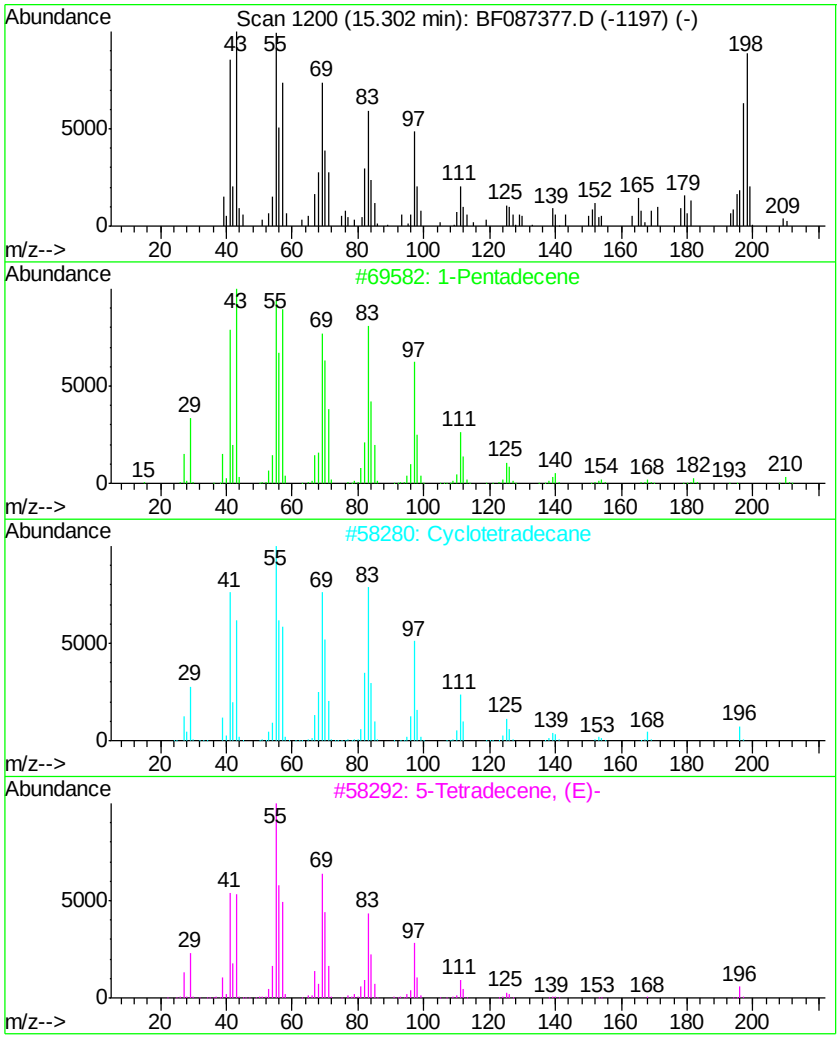
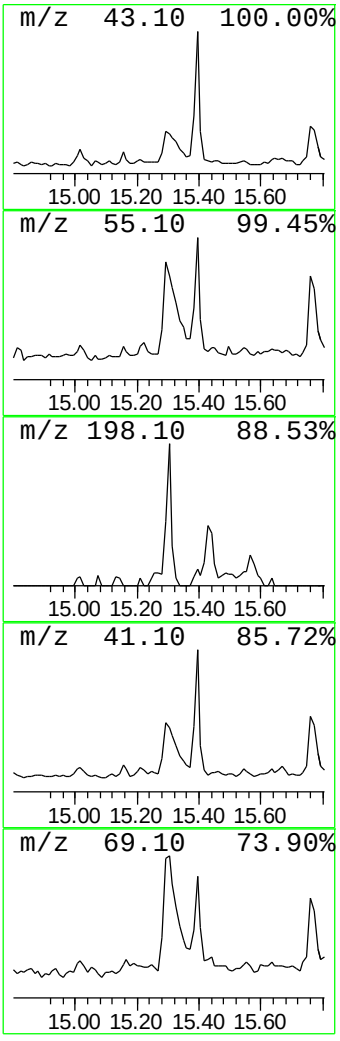
Peak Number 9 1-Pentadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	6.40 ng	276384	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	95
2	Cyclotetradecane	196	C14H28	000295-17-0	90
3	5-Tetradecene, (E)-	196	C14H28	041446-66-6	89
4	7-Tetradecene, (E)-	196	C14H28	041446-63-3	64
5	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	64





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Data File : BF087377.D
Acq On : 25 May 2016 17:52
Operator : UM/SJ
Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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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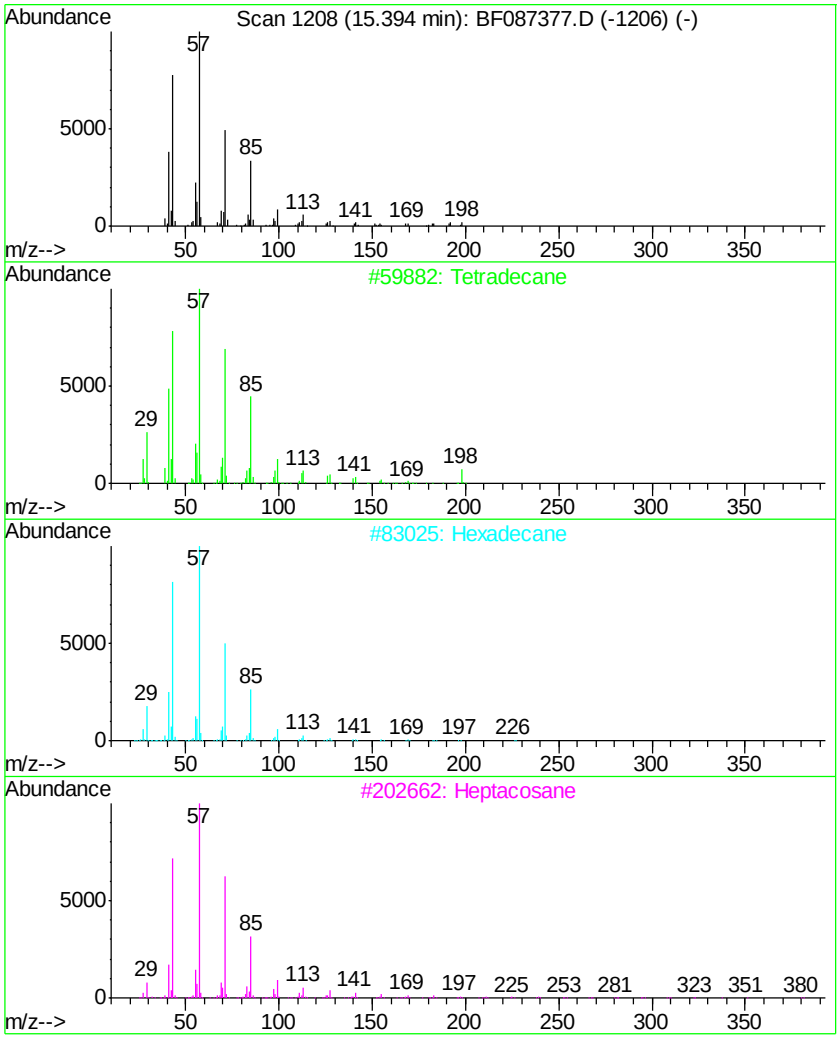
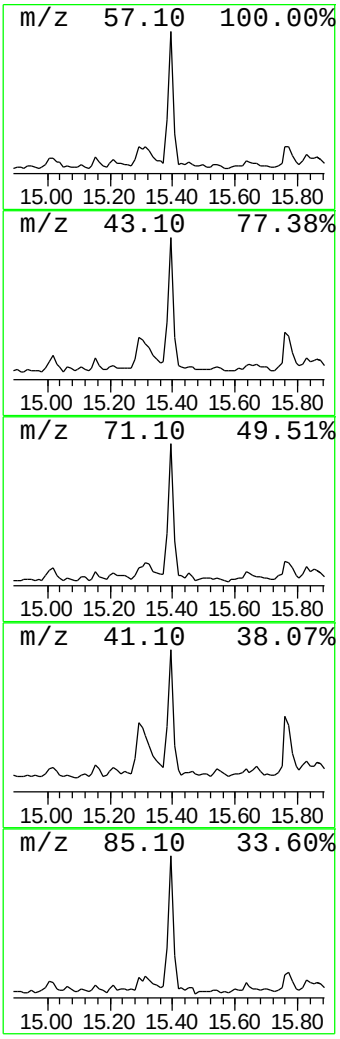
Peak Number 10 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	4.58 ng	197600	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptacosane	380	C27H56	000593-49-7	83
4	Nonadecane	268	C19H40	000629-92-5	80
5	Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	78





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Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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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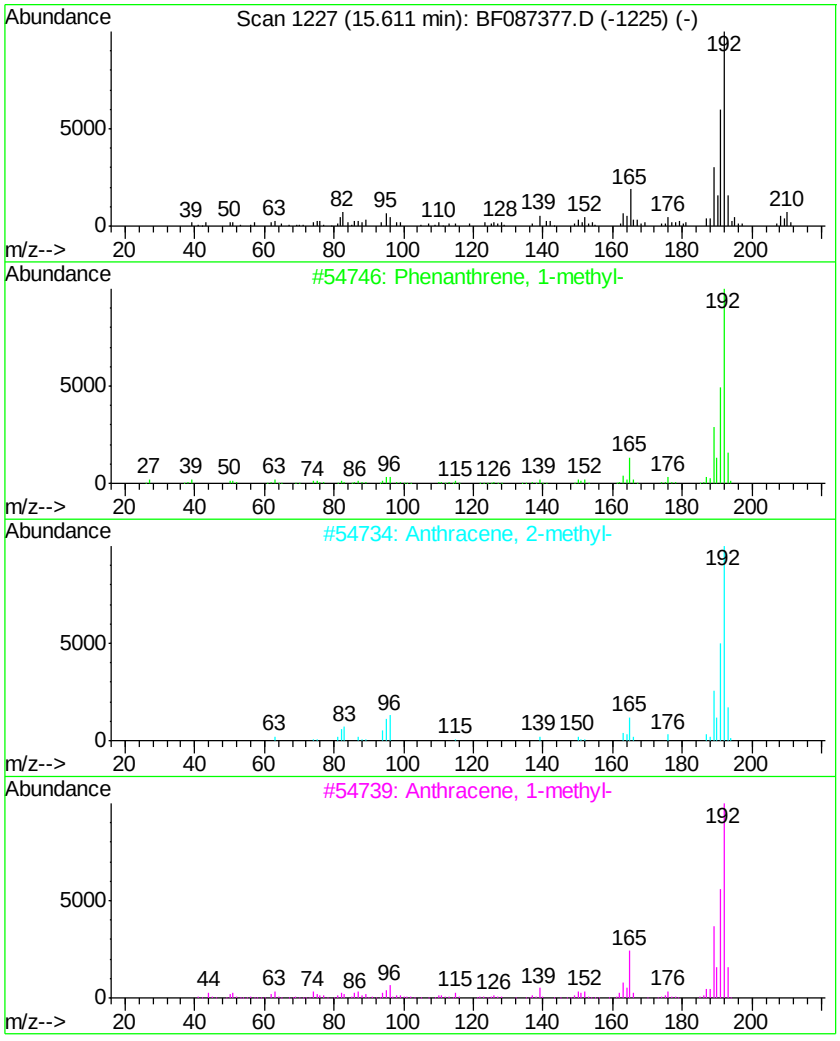
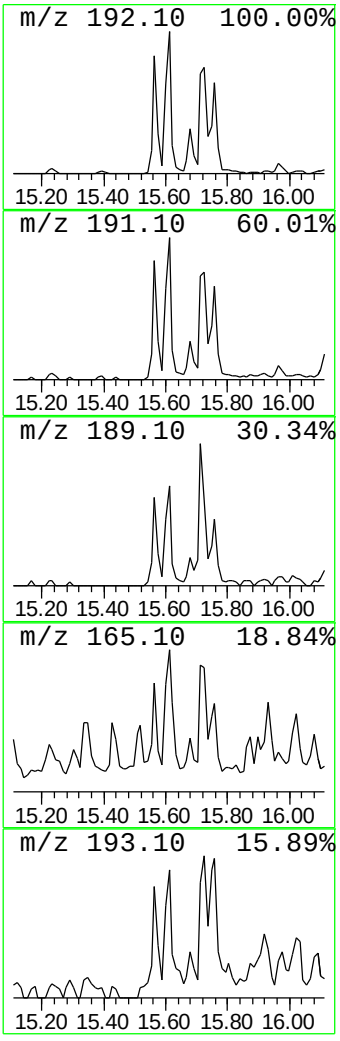
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	3.92 ng	169244	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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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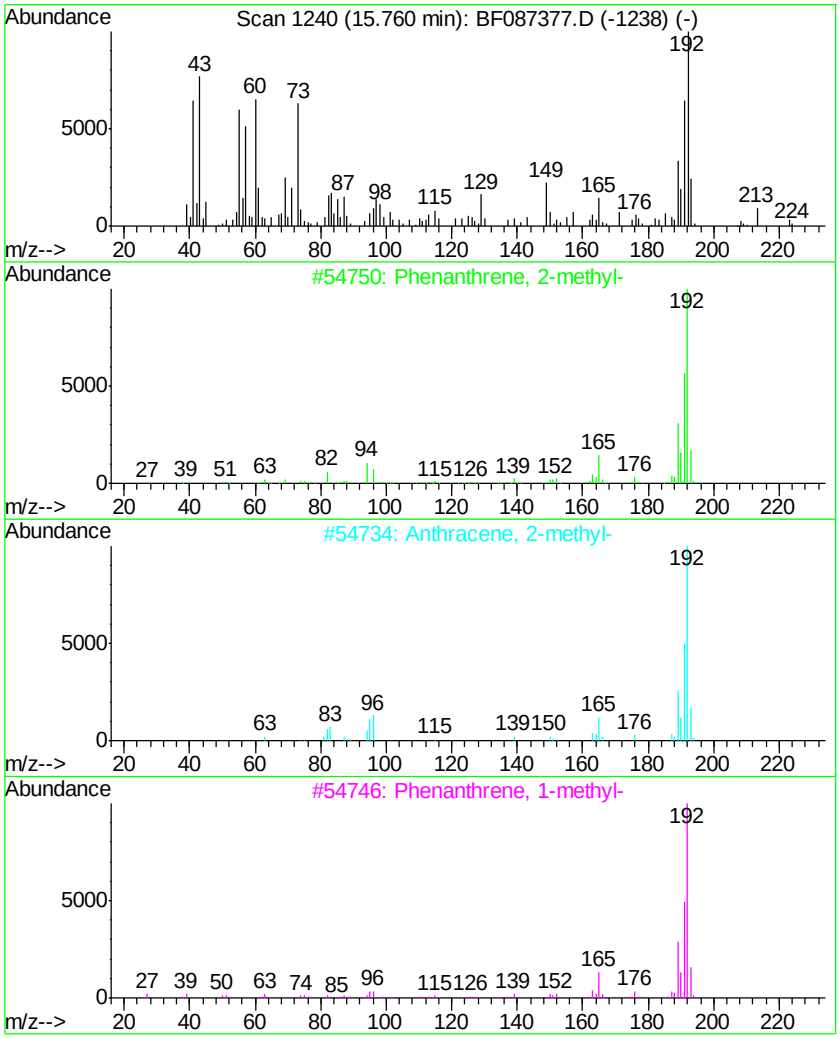
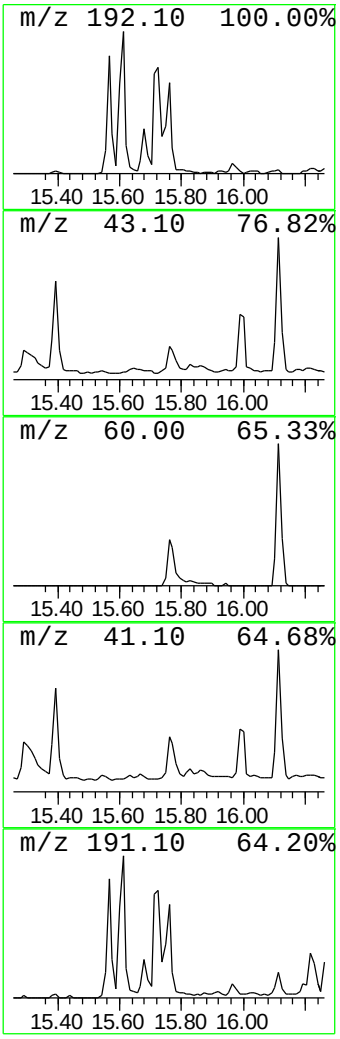
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	4.68 ng	202123	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50





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Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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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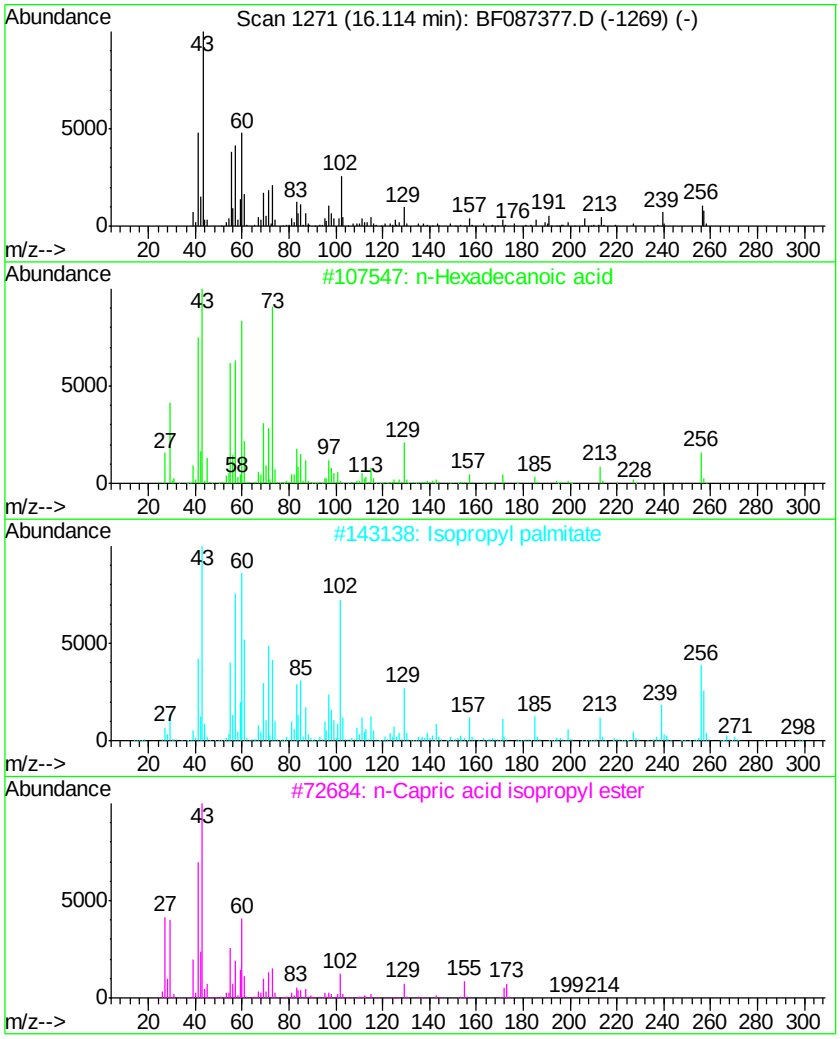
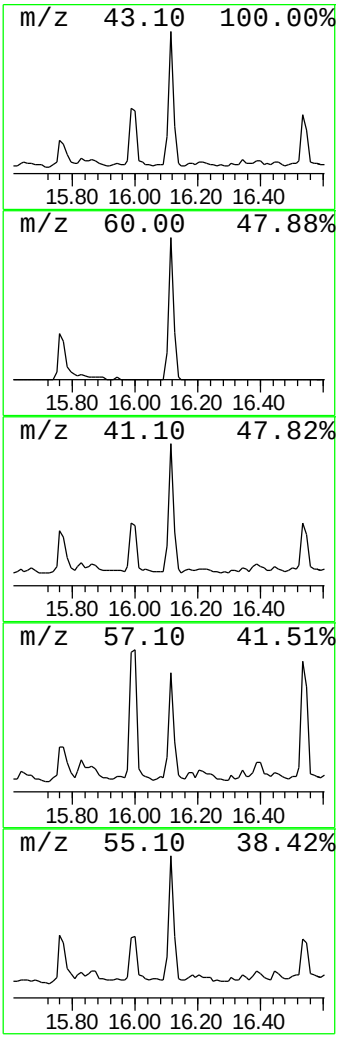
Peak Number 14 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	6.84 ng	295377	Phenanthrene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2	Isopropyl palmitate	298	C19H38O2	000142-91-6	64
3	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	53
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	43





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Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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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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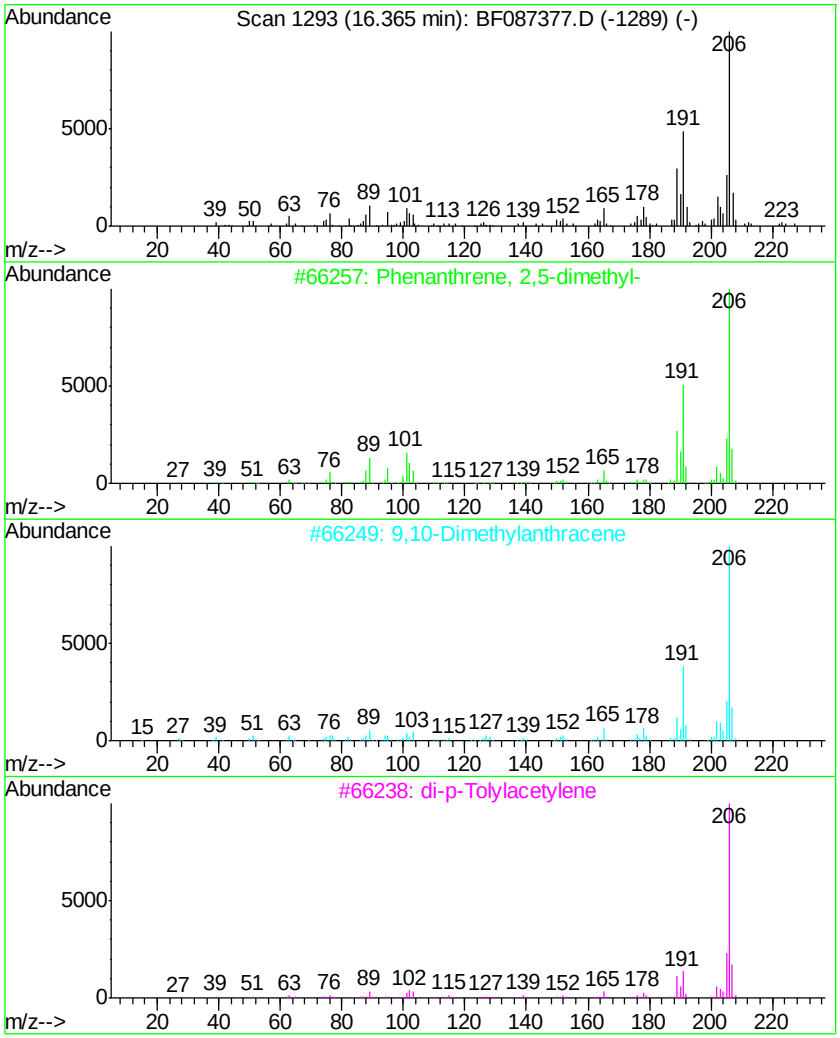
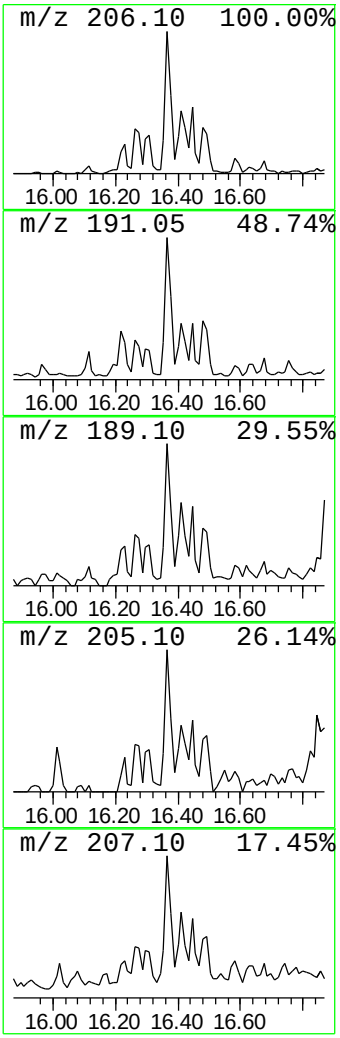
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	4.96 ng	214306	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	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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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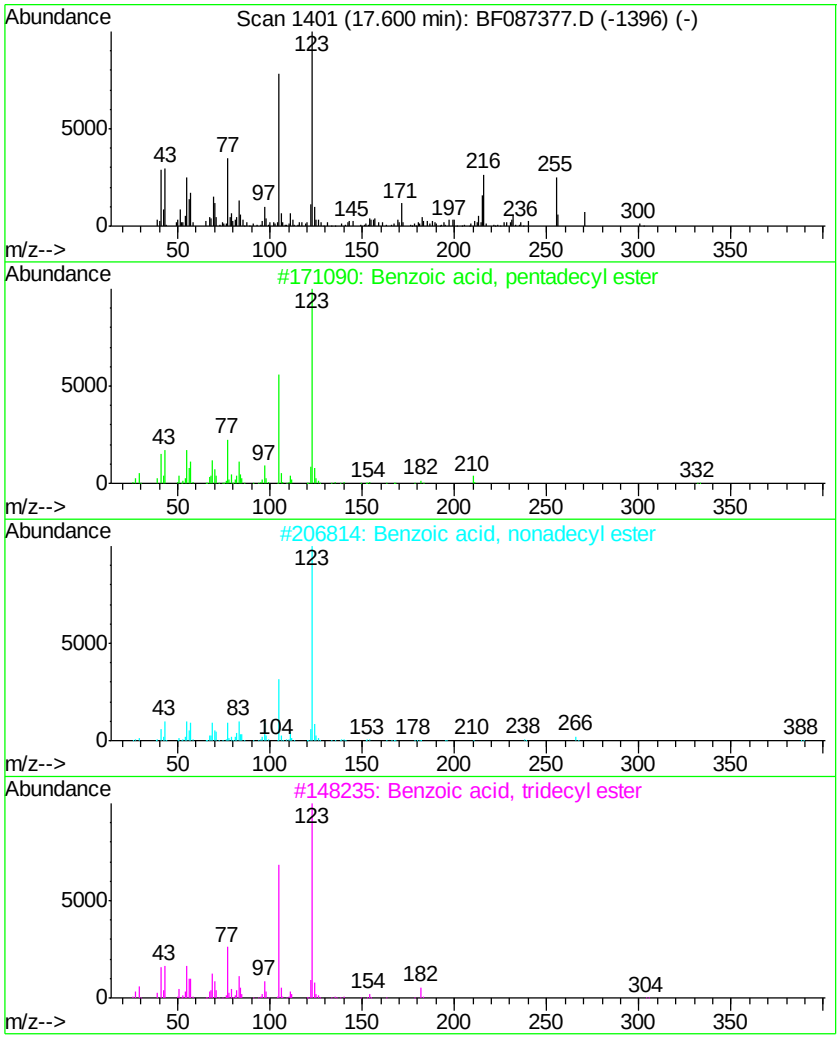
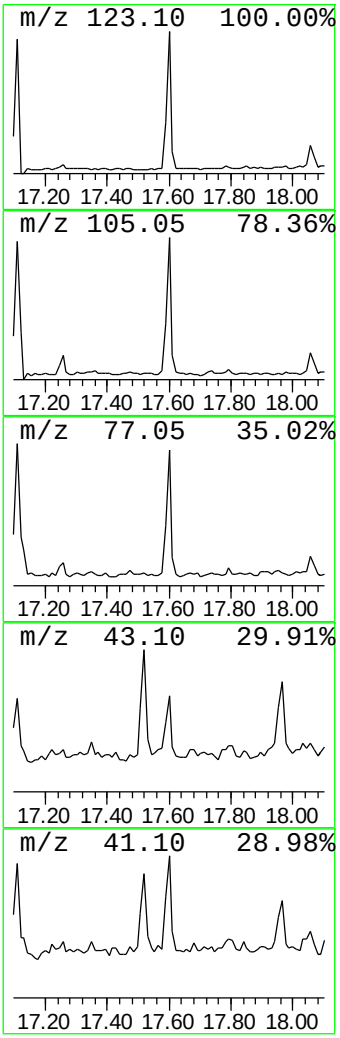
Peak Number 16 Benzoic acid, pentadecyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	4.58 ng	271875	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	58
2	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	58
3	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	58
4	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	53
5	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	52





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Acq On : 25 May 2016 17:52
Operator : UM/SJ
Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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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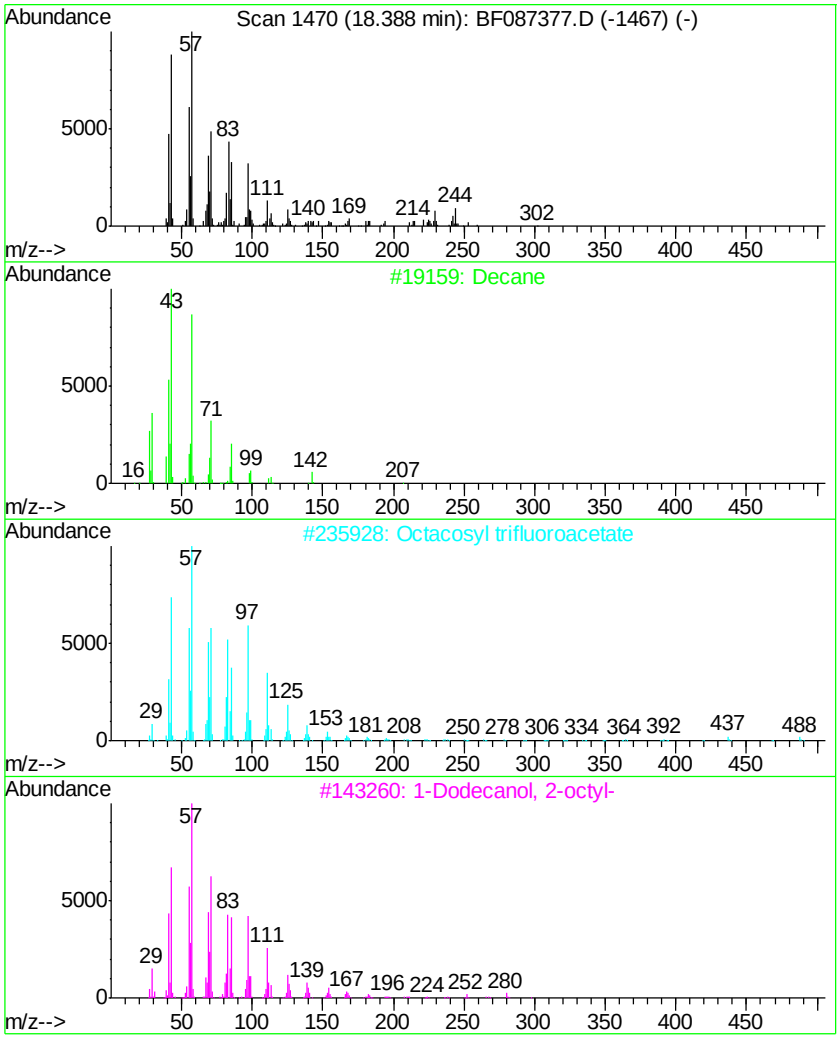
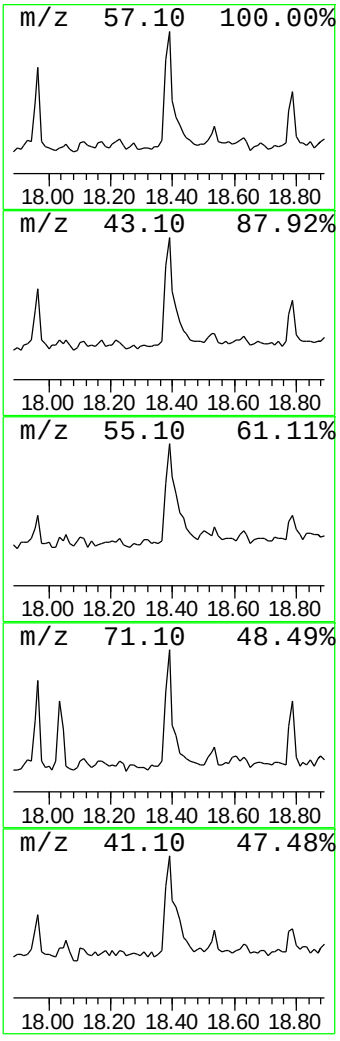
Peak Number 17 Decane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	4.28 ng	254150	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	72
4	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	64
5	17-Pentatriacontene	491	C35H70	006971-40-0	62





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Acq On : 25 May 2016 17:52
Operator : UM/SJ
Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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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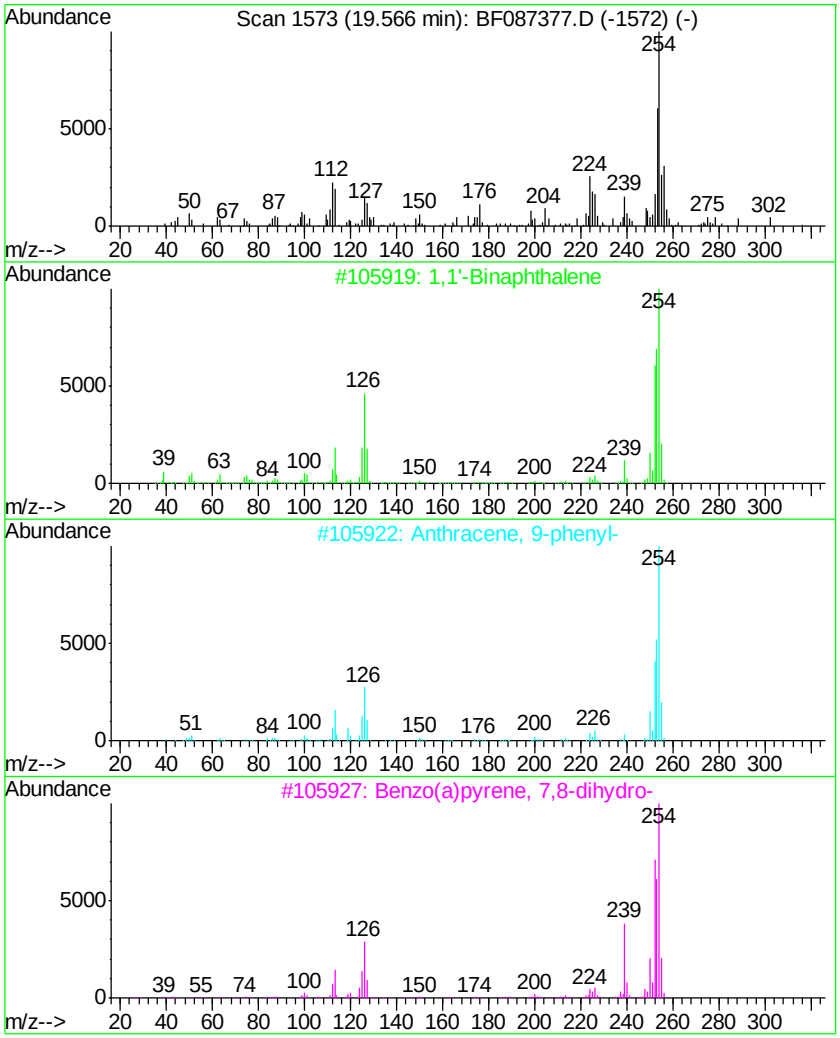
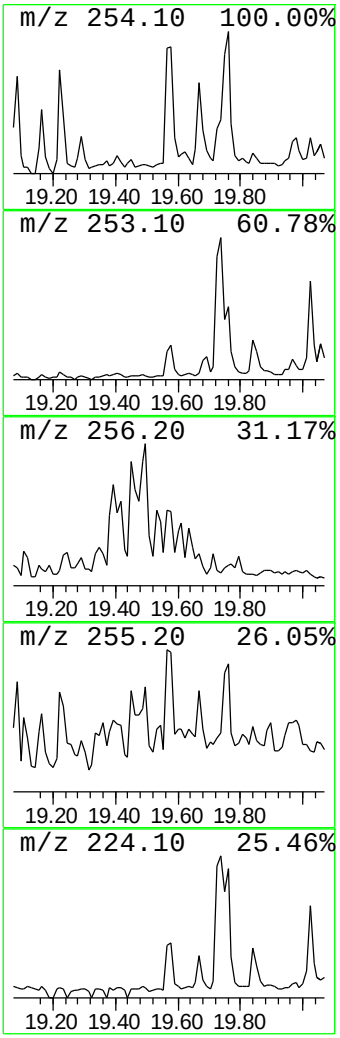
Peak Number 18 1,1'-Binaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	3.11 ng	70747	Perylene-d12	20.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	62
3	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	58
4	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	53
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	52





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Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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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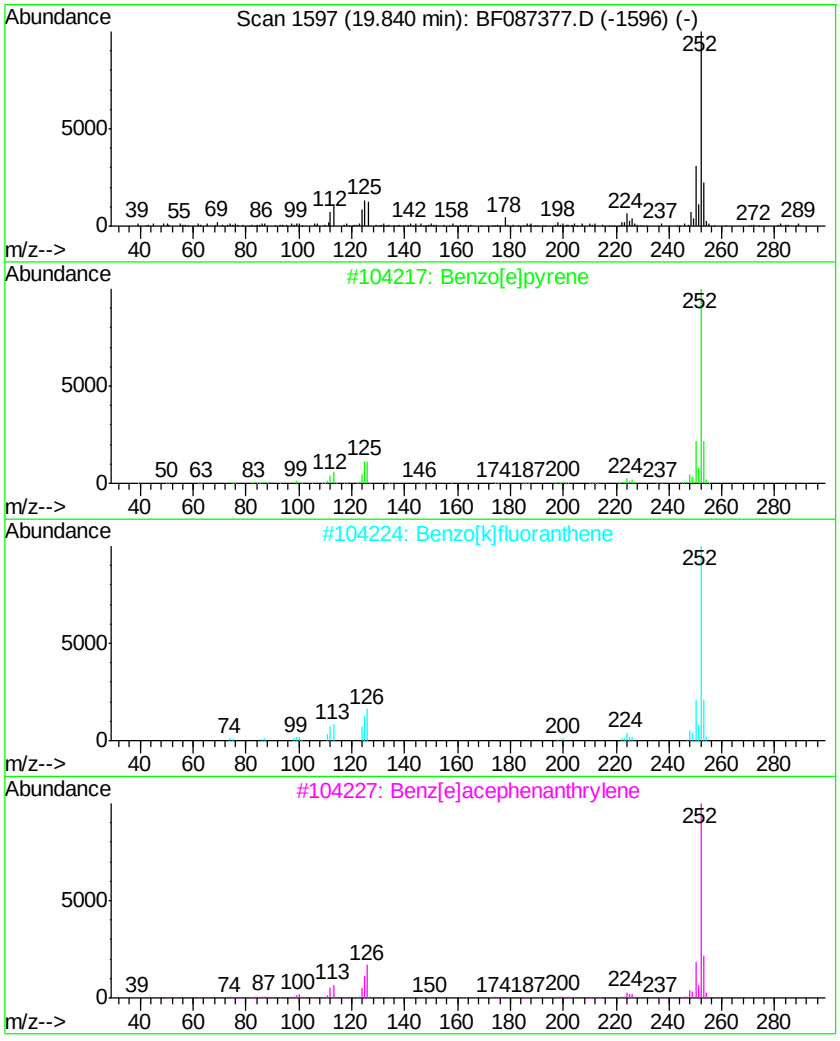
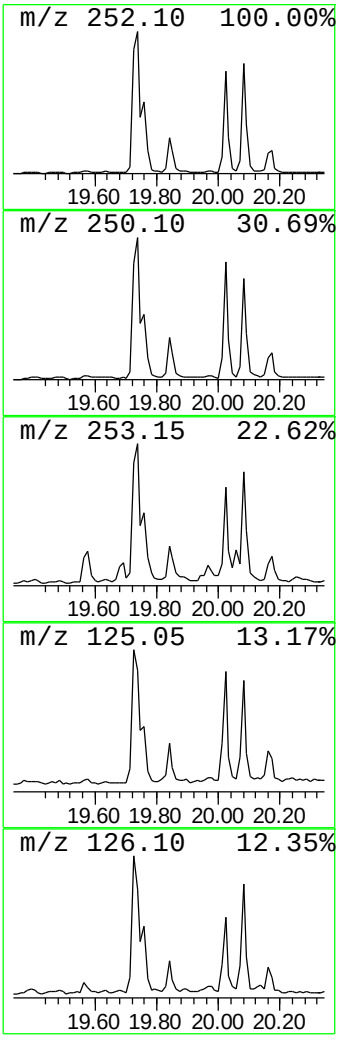
Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	4.41 ng	100373	Perylene-d12	20.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087377.D
Acq On : 25 May 2016 17:52
Operator : UM/SJ
Sample : H3211-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1294-(0-4)

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	7.7	ng	286491	1	7.52	747501	20.0
unknown7.18	7.18	114.8	ng	4289560	1	7.52	747501	20.0
Hexadecane	13.22	4.6	ng	257801	3	12.38	1131590	20.0
Octane, 4-ethyl-	13.58	3.9	ng	168701	4	14.78	863476	20.0
Heptacosane	14.72	4.7	ng	203291	4	14.78	863476	20.0
1-Pentadecene	15.30	6.4	ng	276384	4	14.78	863476	20.0
Tetradecane	15.39	4.6	ng	197600	4	14.78	863476	20.0
Phenanthrene, 1-m...	15.61	3.9	ng	169244	4	14.78	863476	20.0
Phenanthrene, 2-m...	15.76	4.7	ng	202123	4	14.78	863476	20.0
n-Hexadecanoic acid	16.11	6.8	ng	295377	4	14.78	863476	20.0
Phenanthrene, 2,5...	16.37	5.0	ng	214306	4	14.78	863476	20.0
Benzoic acid, pen...	17.60	4.6	ng	271875	5	18.47	1188000	20.0
Decane	18.39	4.3	ng	254150	5	18.47	1188000	20.0
1,1'-Binaphthalene	19.57	3.1	ng	70747	6	20.14	455676	20.0
Benzo[e]pyrene	19.84	4.4	ng	100373	6	20.14	455676	20.0