LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088375.D
Acq On : 25 Jun 2016 14:20
Operator : UM/SJ
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

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-BF060716.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	1.701	8	10	42	rVB	1374101	3025167	41.61%	5.155%
2	4.696	269	272	285	rBV	57640	118670	1.63%	0.202%
3	5.141	309	311	335	rBV	1055485	1746557	24.02%	2.976%
4	6.227	404	406	413	rBV	1194887	1605900	22.09%	2.737%
5	6.330	413	415	418	rBV	1560827	1647396	22.66%	2.807%
6	6.559	433	435	441	rBV	400051	440922	6.06%	0.751%
7	6.719	447	449	451	rBV	1071403	1258916	17.31%	2.145%
8	7.142	484	486	488	rBV	769246	1000572	13.76%	1.705%
9	7.850	545	548	550	rBV	578389	638242	8.78%	1.088%
10	8.136	568	573	574	rBV4	44065	77136	1.06%	0.131%
11	8.285	584	586	590	rBV2	107064	180946	2.49%	0.308%
12	8.467	599	602	605	rBV4	37543	102039	1.40%	0.174%
13	8.879	635	638	639	rBV	103514	127205	1.75%	0.217%
14	8.925	640	642	646	rVB	1558643	1460214	20.08%	2.488%
15	8.993	646	648	652	rBV2	68873	149662	2.06%	0.255%
16	9.290	673	674	676	rBV	110178	135399	1.86%	0.231%
17	9.325	676	677	682	rVB	446356	525092	7.22%	0.895%
18	9.450	686	688	690	rBV3	80941	106604	1.47%	0.182%
19	9.496	690	692	694	rVB	170786	176811	2.43%	0.301%
20	9.542	694	696	697	rBV	67177	77937	1.07%	0.133%
21	9.588	698	700	702	rVV	518535	672423	9.25%	1.146%
22	9.622	702	703	705	rVV2	102490	118045	1.62%	0.201%
23	9.656	705	706	708	rVV	92696	77543	1.07%	0.132%
24	9.988	734	735	737	rBV2	81704	84568	1.16%	0.144%
25	10.033	737	739	742	rVV2	58969	79253	1.09%	0.135%
26	10.136	746	748	751	rBV	133051	164207	2.26%	0.280%
27	10.251	757	758	761	rVB2	57245	74398	1.02%	0.127%
28	10.376	767	769	772	rBV2	715618	979883	13.48%	1.670%
29	10.513	779	781	784	rVB2	95429	179617	2.47%	0.306%
30	10.616	788	790	792	rBV	291046	247033	3.40%	0.421%
31	10.833	804	809	812	rBV5	26735	77673	1.07%	0.132%
32	10.925	815	817	818	rBV	94657	89852	1.24%	0.153%
33	10.959	818	820	825	rVB2	73522	187563	2.58%	0.320%
34	11.096	827	832	834	rBV2	1500839	2143009	29.47%	3.652%

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Misc :
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Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.142	835	836	839	rVB	380351	388257	5.34%	0.662%
36	11.313	848	851	854	rBV2	103351	201064	2.77%	0.343%
37	11.405	854	859	861	rVV3	433141	602037	8.28%	1.026%
38	11.496	863	867	869	rVV	3598185	5006963	68.86%	8.532%
39	11.565	871	873	875	rVV	167425	250013	3.44%	0.426%
40	11.599	875	876	878	rVV	248201	248280	3.41%	0.423%
41	11.645	878	880	881	rVV	129943	158942	2.19%	0.271%
42	11.679	881	883	887	rVV2	411586	629859	8.66%	1.073%
43	11.805	888	894	896	rVV4	211125	435870	5.99%	0.743%
44	11.885	896	901	902	rVB3	116478	288820	3.97%	0.492%
45	11.908	902	903	907	rVB2	147031	177982	2.45%	0.303%
46	12.011	910	912	914	rBV	271735	278114	3.82%	0.474%
47	12.091	914	919	920	rBV4	77544	128626	1.77%	0.219%
48	12.125	920	922	923	rBV	67158	117100	1.61%	0.200%
49	12.216	928	930	934	rVV	3881967	7271011	100.00%	12.390%
50	12.285	934	936	938	rVV2	2285136	3503580	48.19%	5.970%
51	12.319	938	939	942	rVB	782695	1005665	13.83%	1.714%
52	12.434	947	949	953	rVV	156248	494122	6.80%	0.842%
53	12.514	953	956	960	rVV	1607658	2656158	36.53%	4.526%
54	12.651	964	968	973	rVV2	786668	1383572	19.03%	2.358%
55	12.731	973	975	977	rVV2	172849	344211	4.73%	0.587%
56	12.788	977	980	981	rVV2	279511	403769	5.55%	0.688%
57	12.834	981	984	987	rVV	452170	848586	11.67%	1.446%
58	12.902	987	990	992	rVV	591583	903411	12.42%	1.539%
59	12.994	996	998	999	rVV	189476	239216	3.29%	0.408%
60	13.028	999	1001	1002	rVV	123925	140466	1.93%	0.239%
61	13.062	1002	1004	1006	rVV	168299	249048	3.43%	0.424%
62	13.131	1008	1010	1013	rVB3	71777	146810	2.02%	0.250%
63	13.234	1018	1019	1023	rVB2	95019	143412	1.97%	0.244%
64	13.314	1024	1026	1028	rBV2	91099	151903	2.09%	0.259%
65	13.394	1031	1033	1036	rVB3	85921	96813	1.33%	0.165%
66	13.451	1036	1038	1039	rBV	149333	165469	2.28%	0.282%
67	13.565	1046	1048	1052	rBV	146358	231270	3.18%	0.394%
68	13.645	1052	1055	1057	rVV3	184119	291741	4.01%	0.497%
69	13.691	1057	1059	1061	rVV2	1048486	1839014	25.29%	3.134%
70	13.725	1061	1062	1066	rVB	1028287	1086788	14.95%	1.852%
71	13.805	1067	1069	1071	rVB	95572	103440	1.42%	0.176%

LSC Area Percent Report

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Instrument : BNA_F
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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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.908	1076	1078	1079	rBV	85712	102220	1.41%	0.174%
73	14.091	1091	1094	1095	rBV2	126449	225675	3.10%	0.385%
74	14.182	1098	1102	1103	rBV3	137617	229414	3.16%	0.391%
75	14.274	1108	1110	1114	rVB3	99595	175755	2.42%	0.300%
76	14.468	1125	1127	1132	rBV3	78628	127003	1.75%	0.216%
77	14.560	1133	1135	1138	rBV	90801	124006	1.71%	0.211%
78	14.697	1144	1147	1151	rBV	929907	1699638	23.38%	2.896%
79	14.788	1153	1155	1160	rVB	167195	188988	2.60%	0.322%
80	14.948	1167	1169	1172	rBV	491771	599521	8.25%	1.022%
81	15.005	1172	1174	1177	rVB	644252	727189	10.00%	1.239%
82	15.051	1177	1178	1180	rBV	228808	337738	4.64%	0.576%
83	15.211	1189	1192	1193	rBV	60412	108818	1.50%	0.185%
84	15.428	1209	1211	1213	rBV2	62584	114982	1.58%	0.196%
85	15.588	1223	1225	1235	rVB6	90580	237384	3.26%	0.405%
86	15.943	1254	1256	1262	rVB4	79869	163398	2.25%	0.278%
87	16.297	1283	1287	1291	rBV	223652	472997	6.51%	0.806%
88	16.663	1316	1319	1329	rVB	174065	421813	5.80%	0.719%
89	18.548	1481	1484	1492	rVB	42207	145540	2.00%	0.248%
90	18.720	1496	1499	1503	rBV	31116	92246	1.27%	0.157%

Sum of corrected areas: 58682181

LSC Report - Integrated Chromatogram

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Data File : BF088375.D
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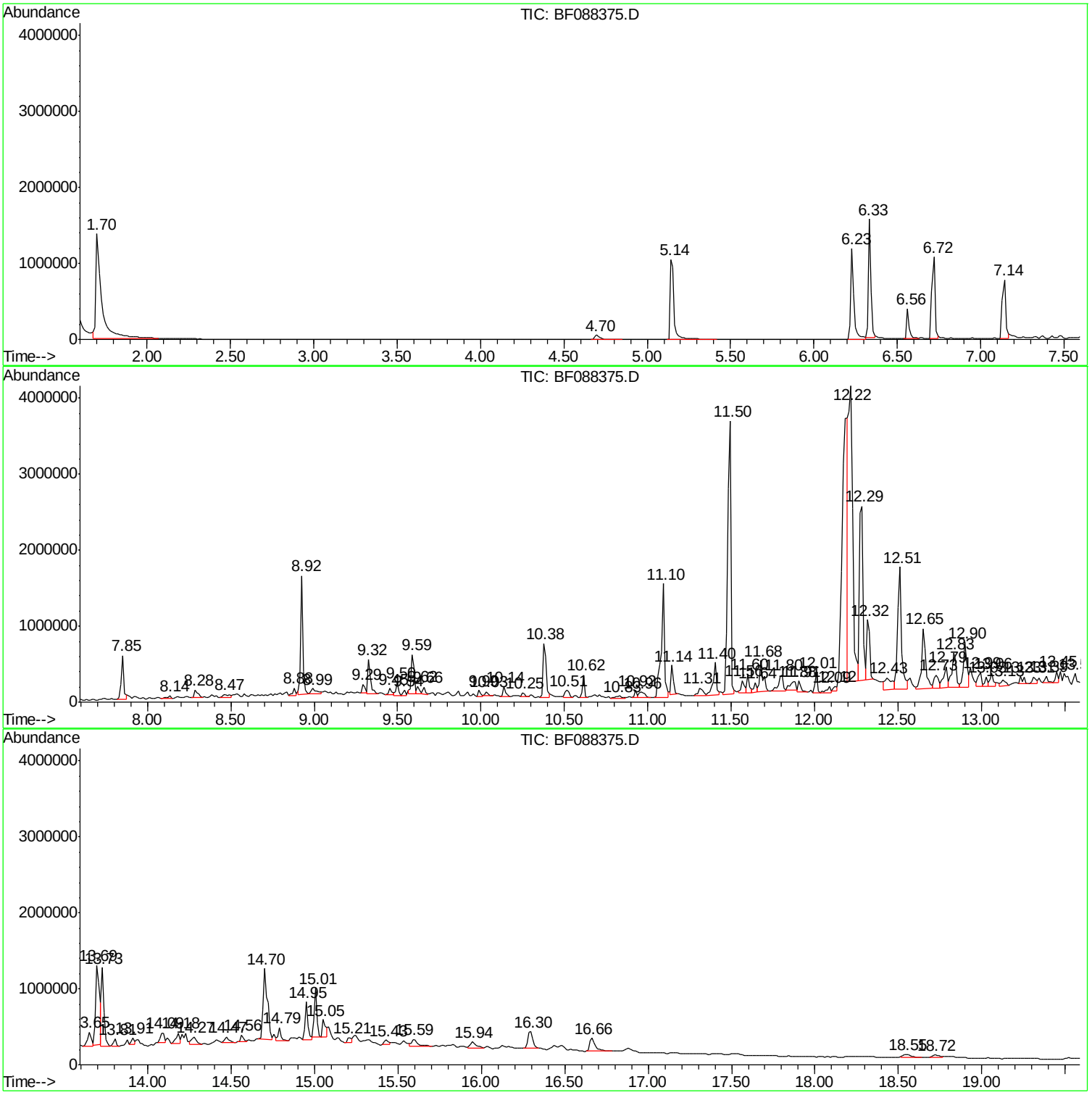
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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\BF062516\
Data File : BF088375.D
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Operator : UM/SJ
Sample : H3602-17
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Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

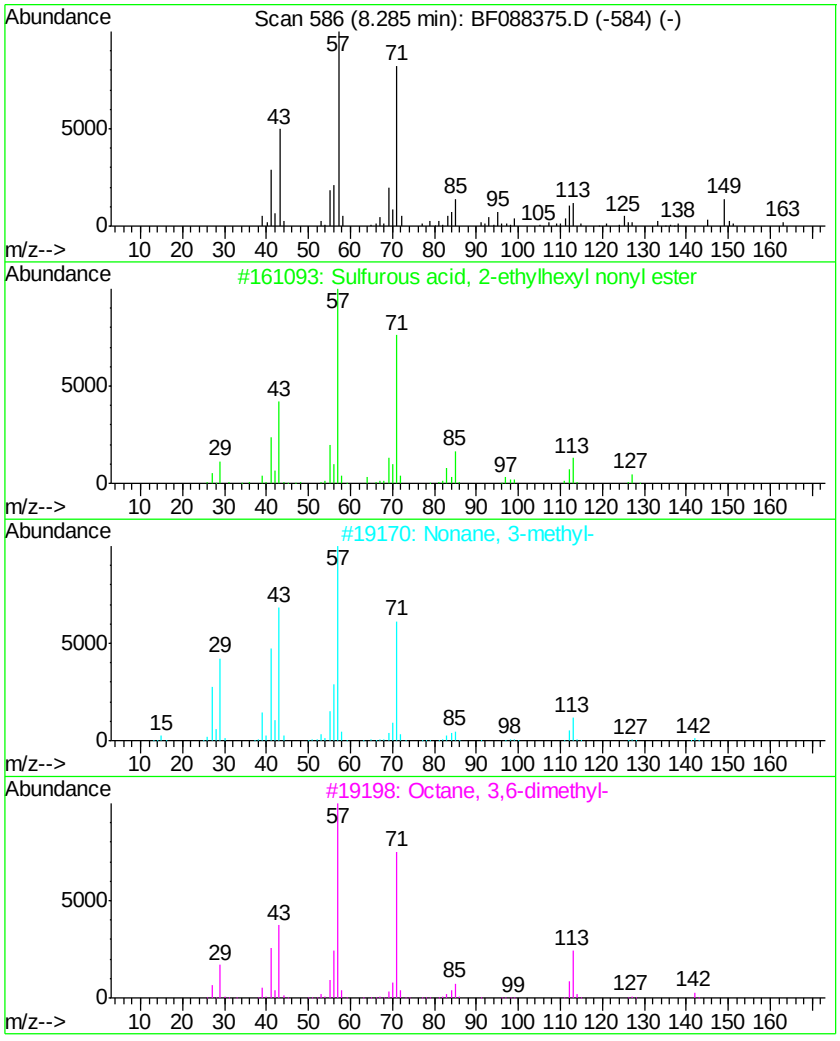
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

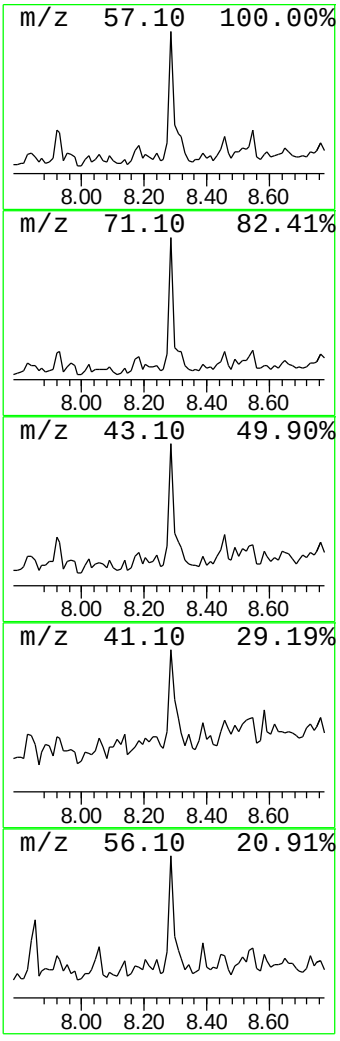
****

Peak Number 4 Sulfurous acid, 2-ethylhexy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	5.67 ng	180946	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	59
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088375.D
Acq On : 25 Jun 2016 14:20
Operator : UM/SJ
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

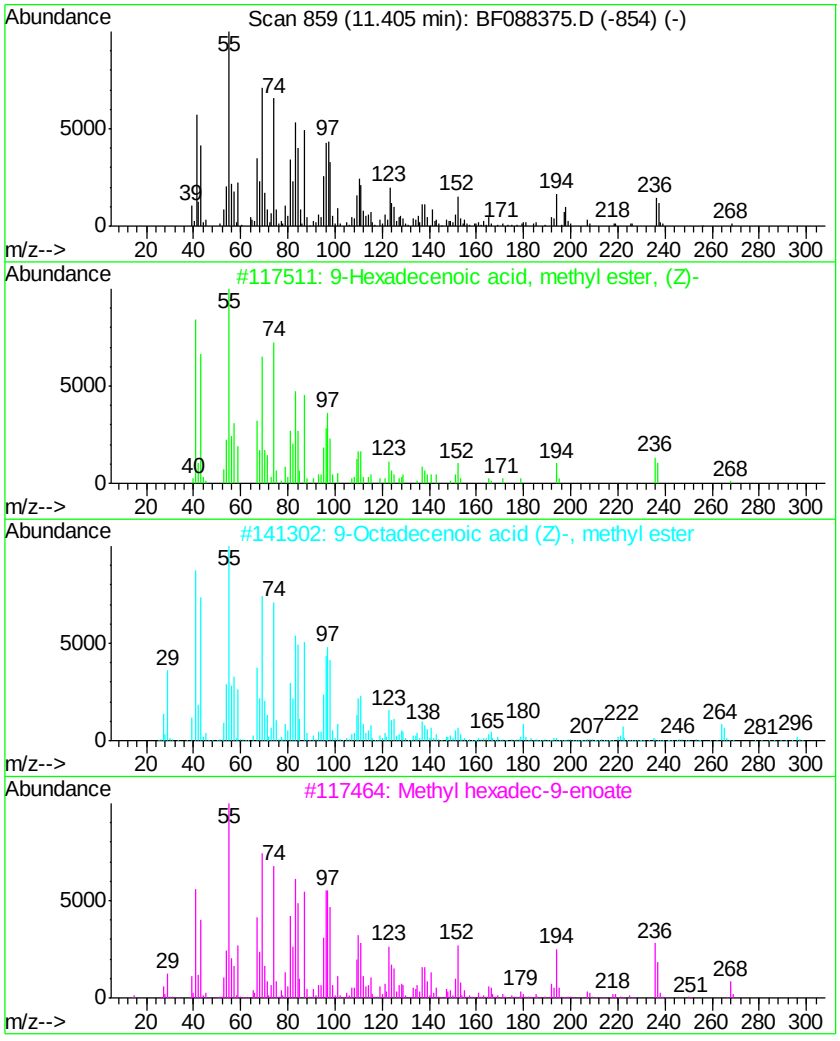
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

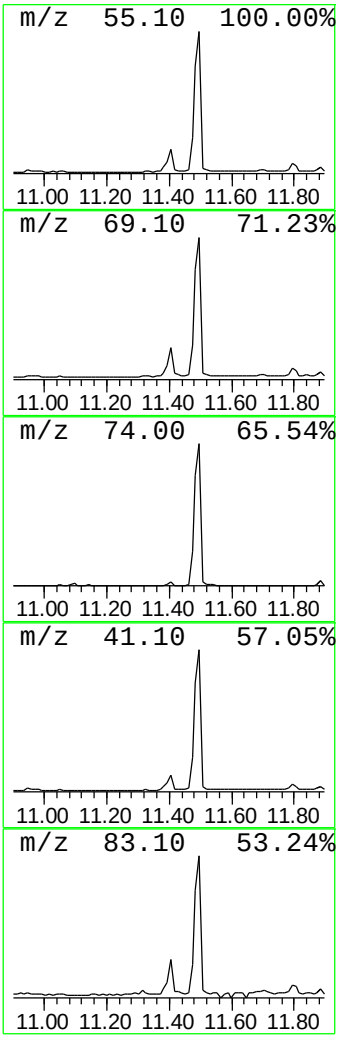
****

Peak Number 5 9-Hexadecenoic acid, methyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	5.62 ng	602037	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
4	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	81
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	80





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Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

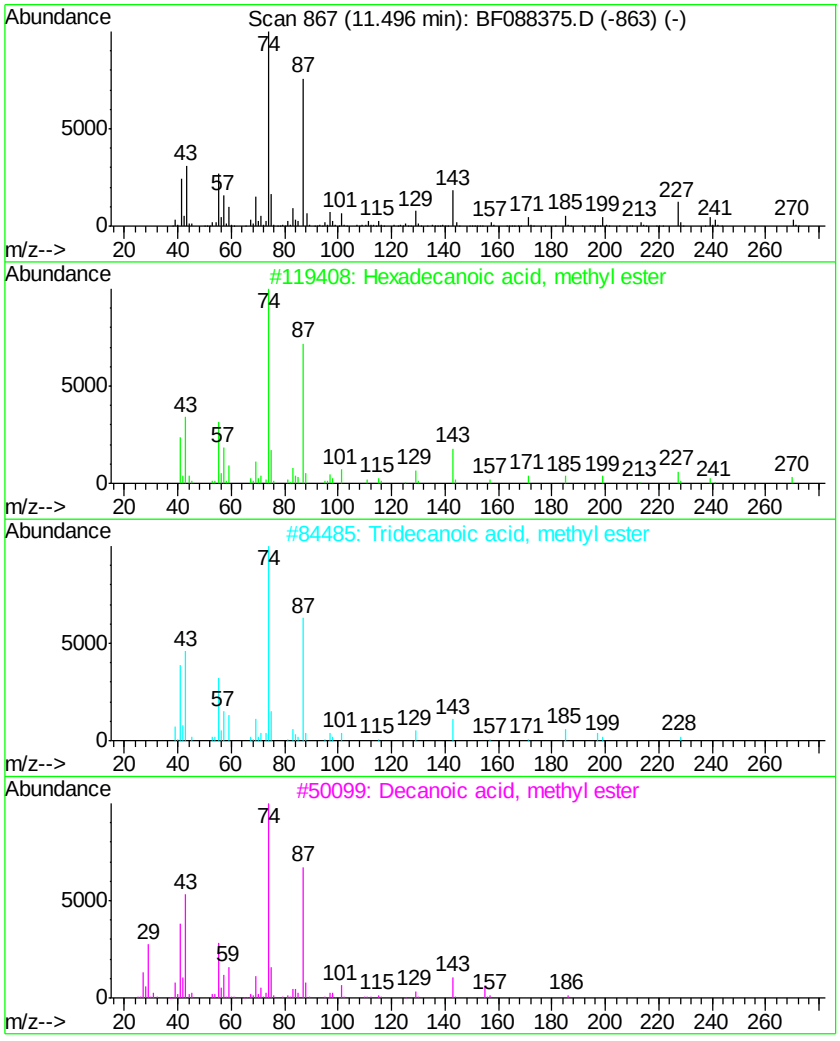
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

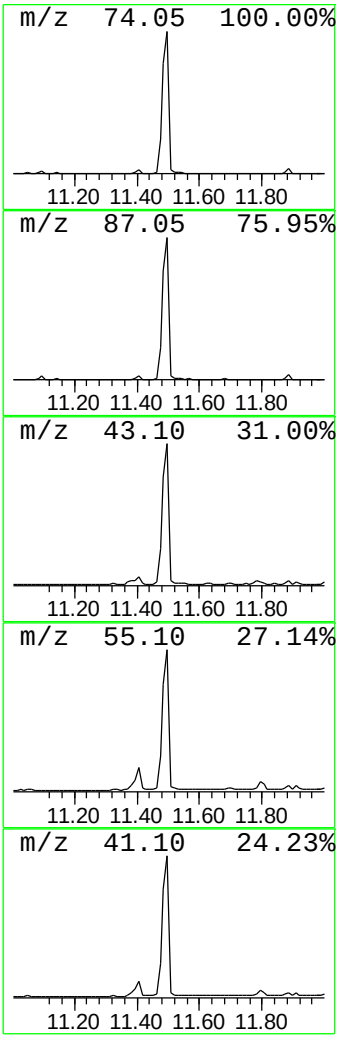
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	46.73 ng	5006960	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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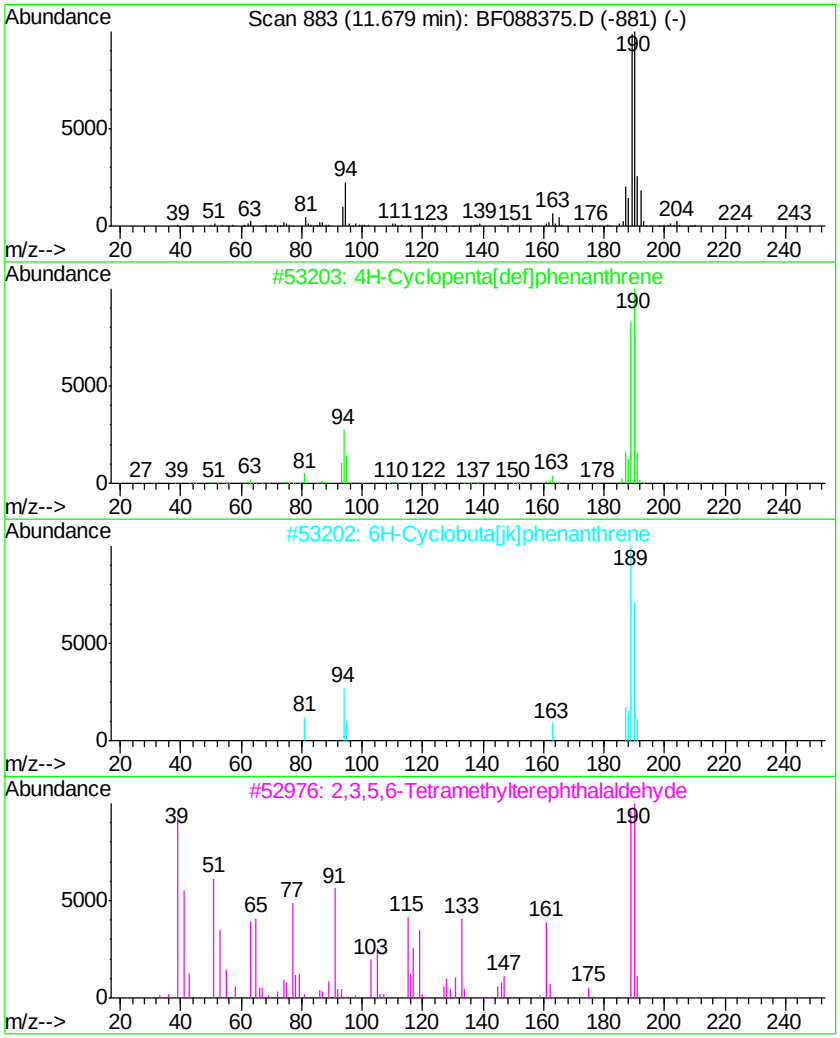
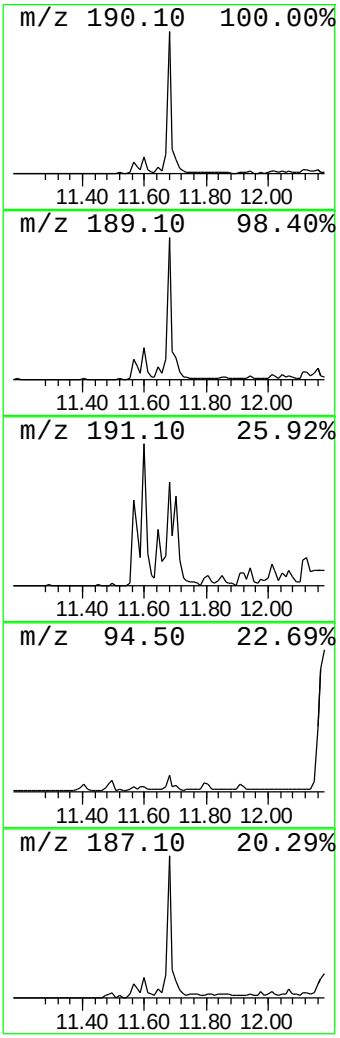
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	5.88 ng	629859	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

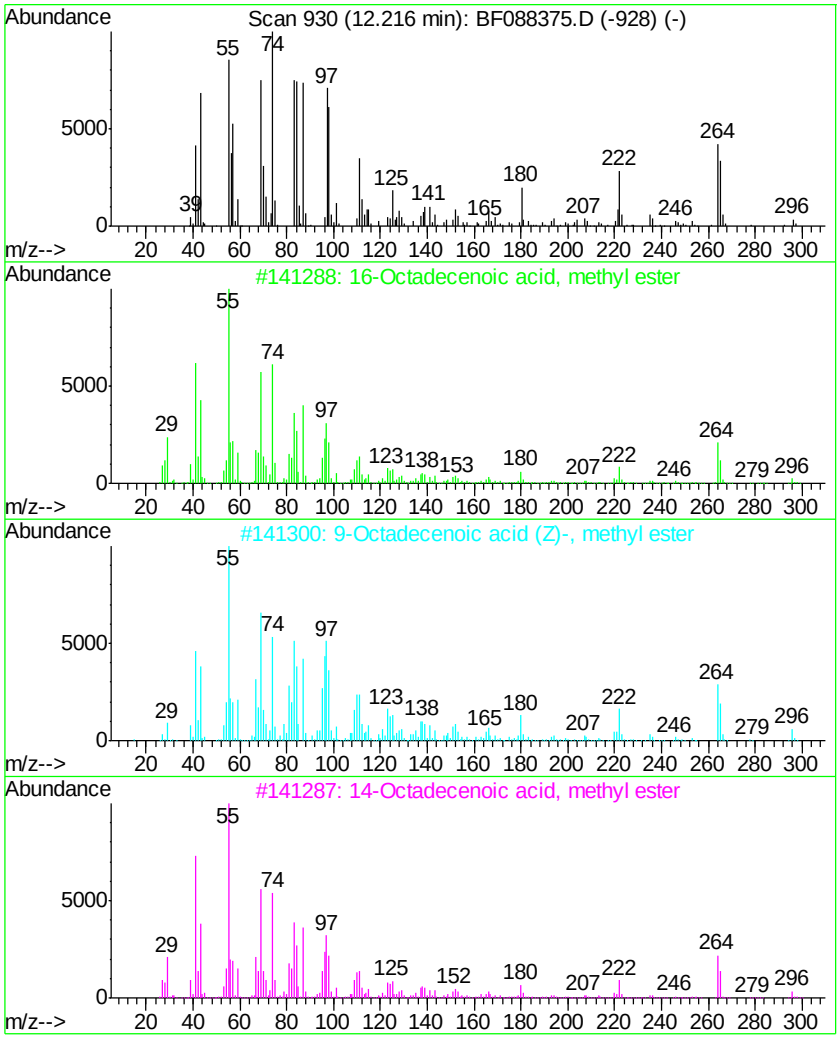
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

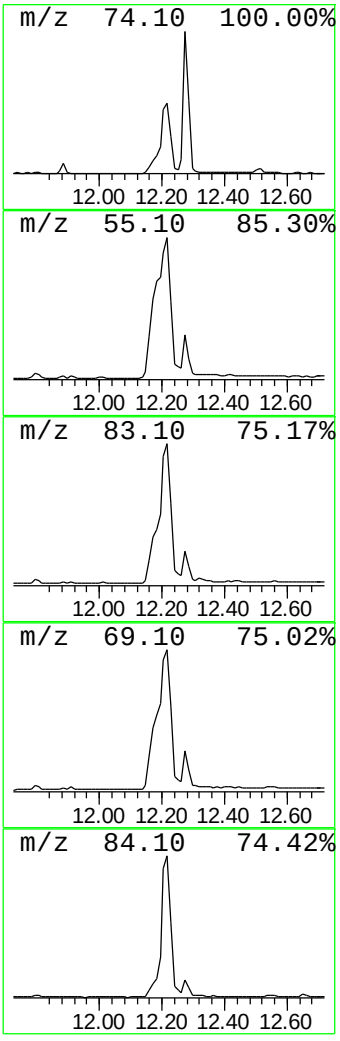
****

Peak Number 8 16-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	67.86 ng	7271010	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	89
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	83
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	74
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	72
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	64





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Operator : UM/SJ
Sample : H3602-17
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Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

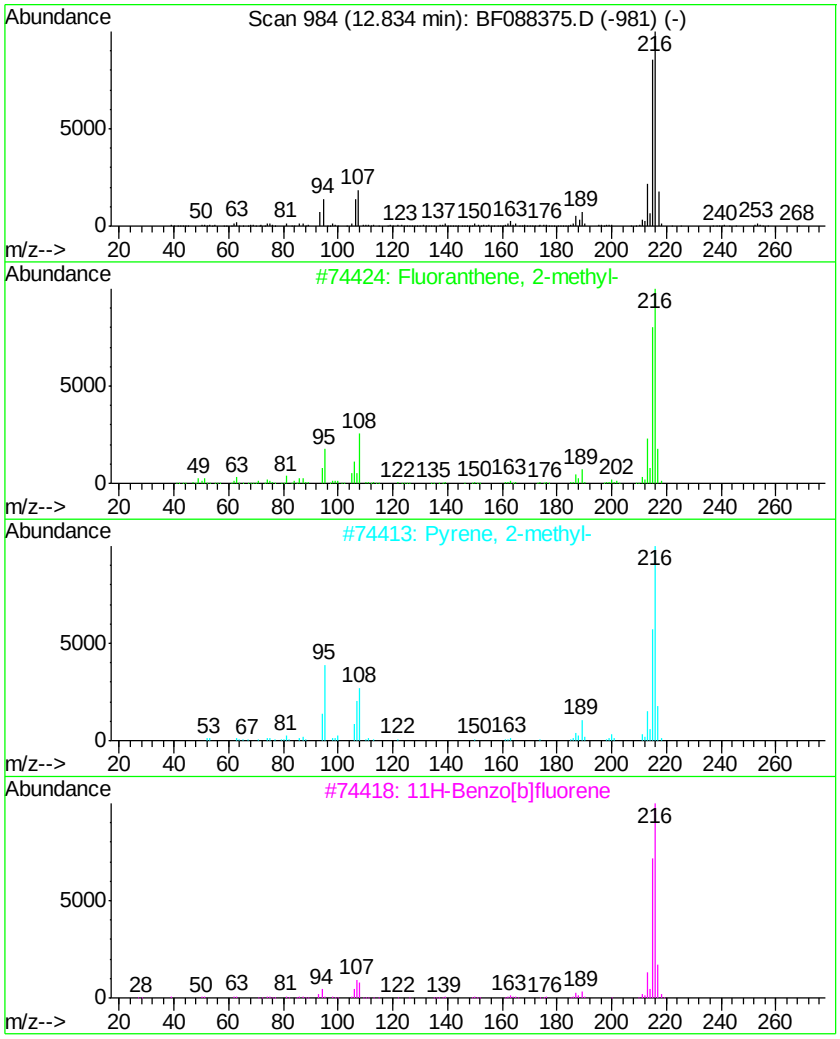
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

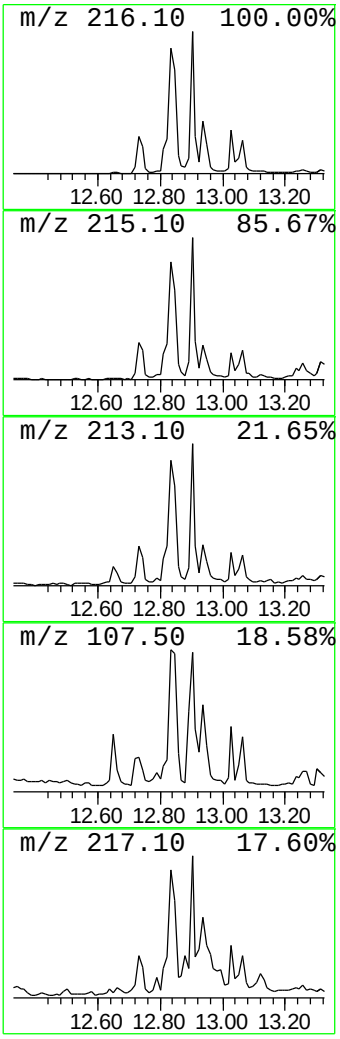
****

Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	9.23 ng	848586	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088375.D
Acq On : 25 Jun 2016 14:20
Operator : UM/SJ
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

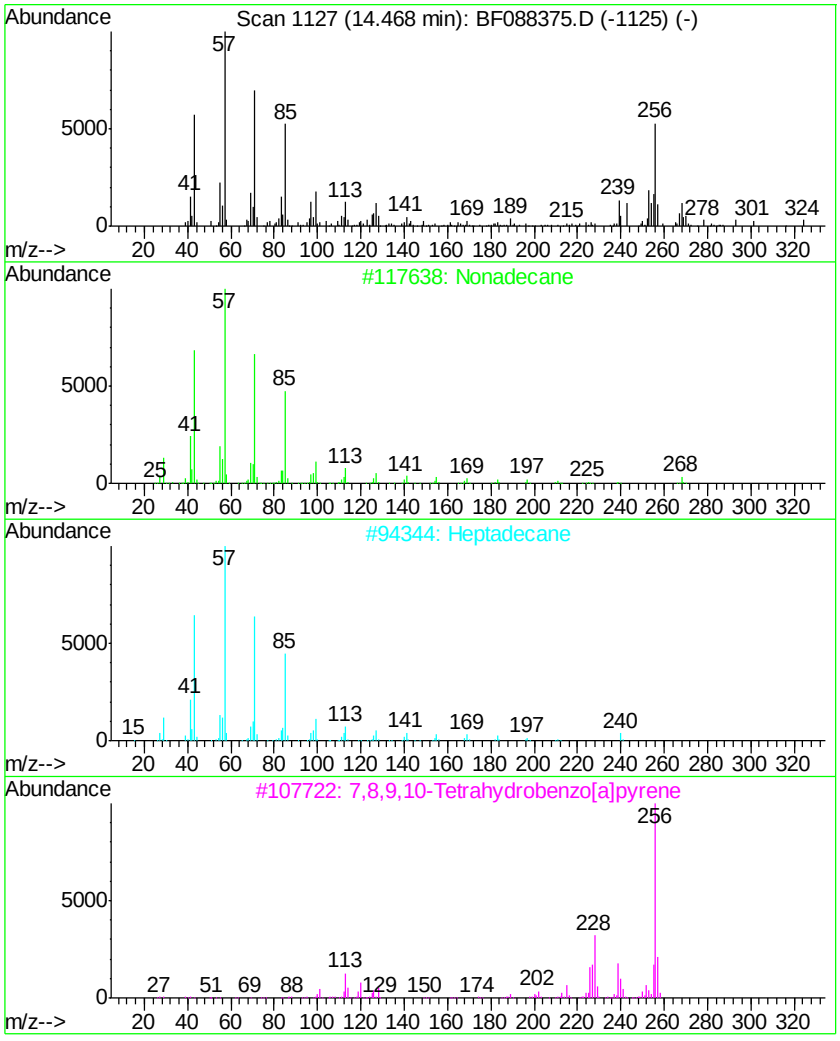
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

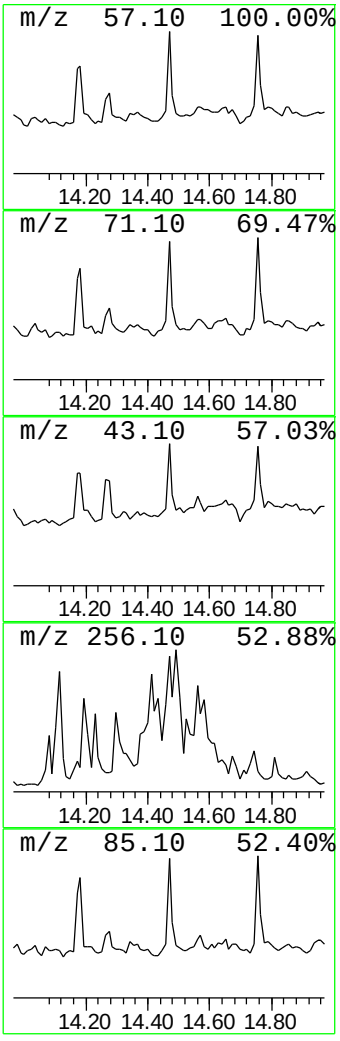
****

Peak Number 11 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	7.52 ng	127003	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heptadecane	240	C17H36	000629-78-7	83
3	7,8,9,10-Tetrahydrobenzo[a]pyrene	256	C20H16	017750-93-5	51
4	Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	43
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	42





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Data File : BF088375.D
Acq On : 25 Jun 2016 14:20
Operator : UM/SJ
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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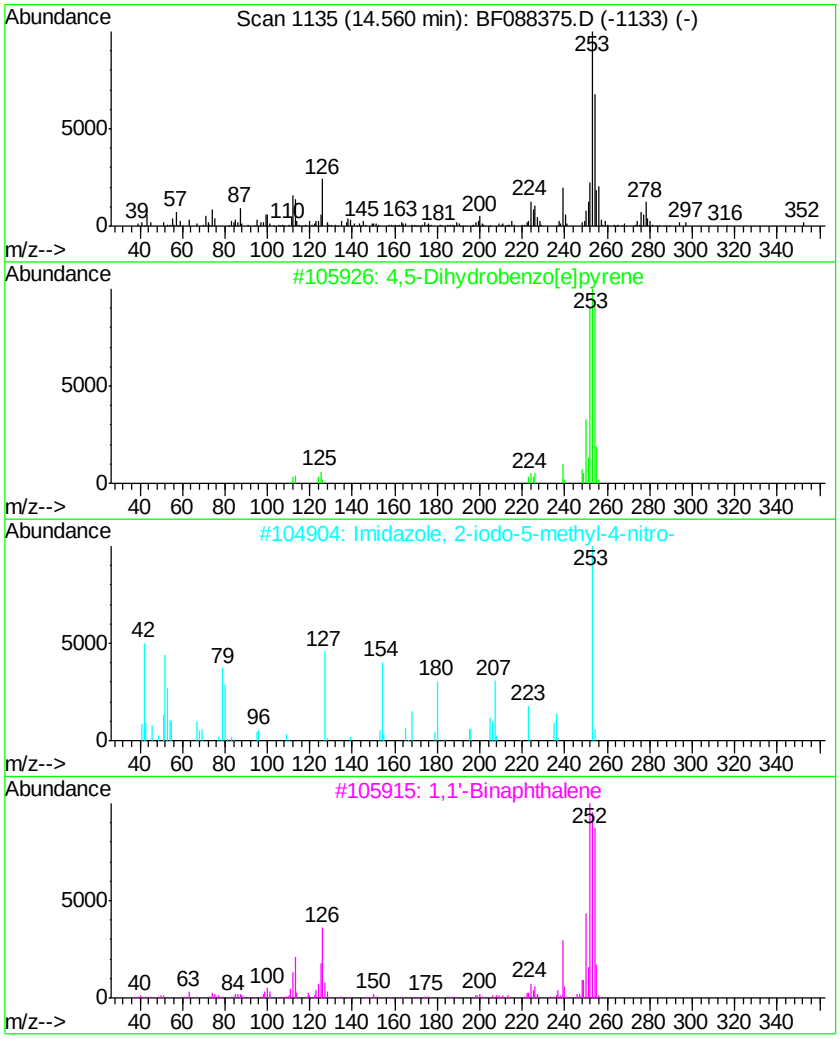
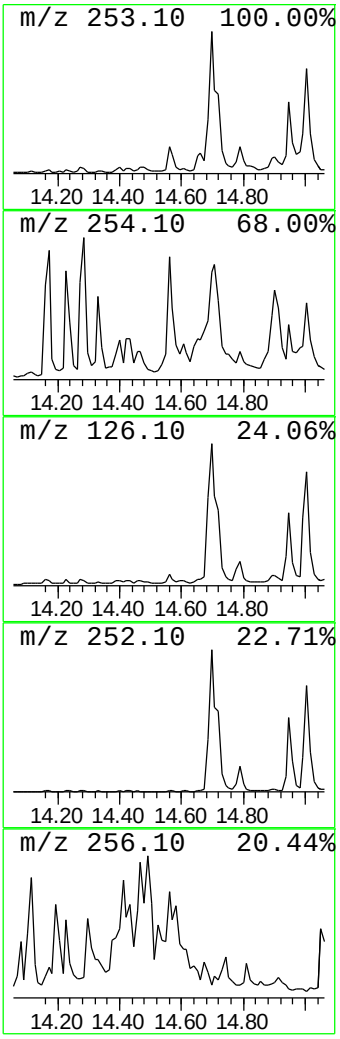
Peak Number 12 4,5-Dihydrobenzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	7.34 ng	124006	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	86
2	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	70
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	62
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088375.D
Acq On : 25 Jun 2016 14:20
Operator : UM/SJ
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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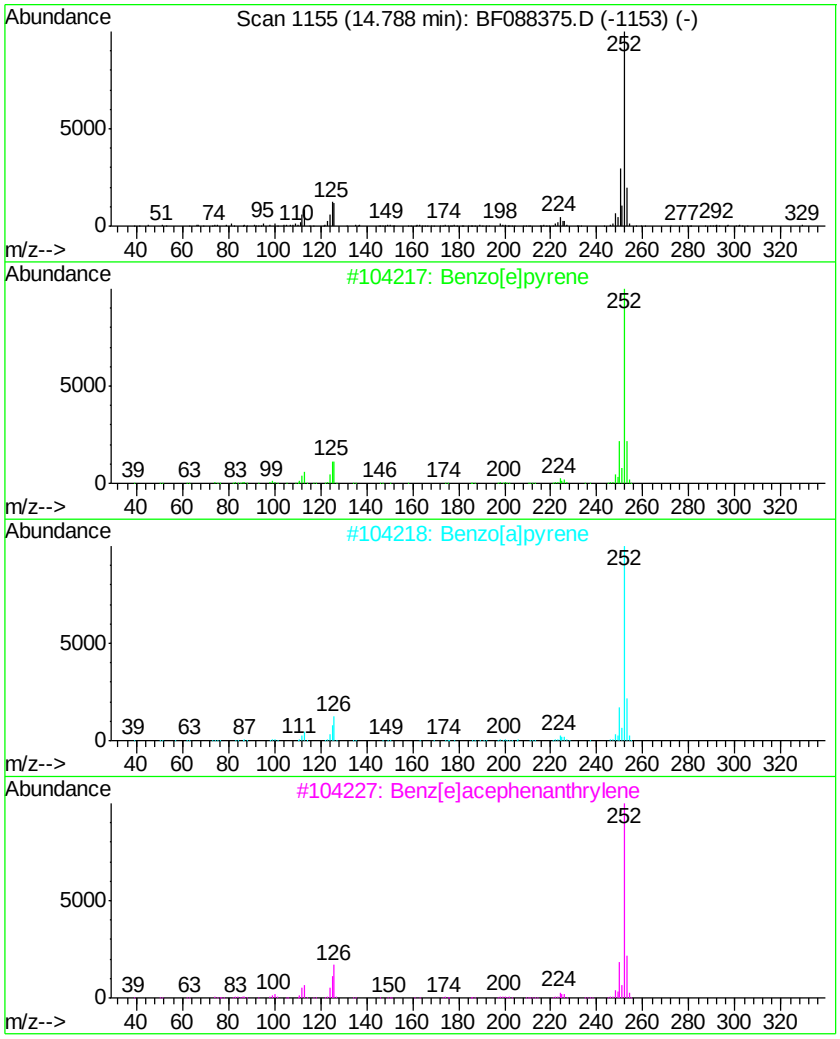
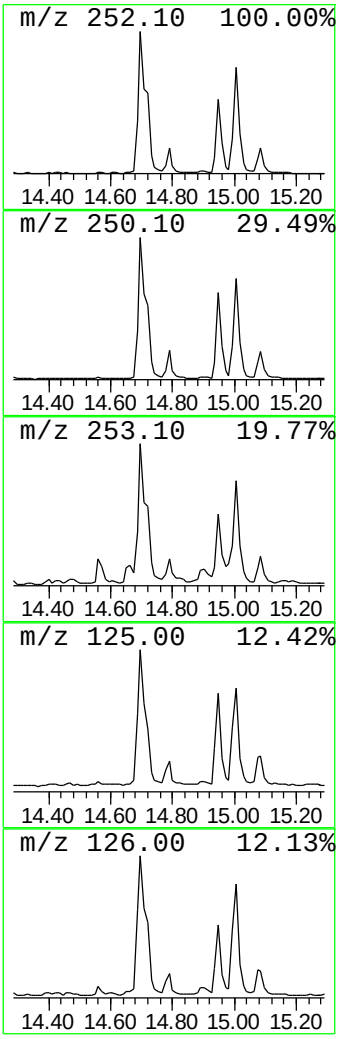
Peak Number 13 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	11.19 ng	188988	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088375.D
Acq On : 25 Jun 2016 14:20
Operator : UM/SJ
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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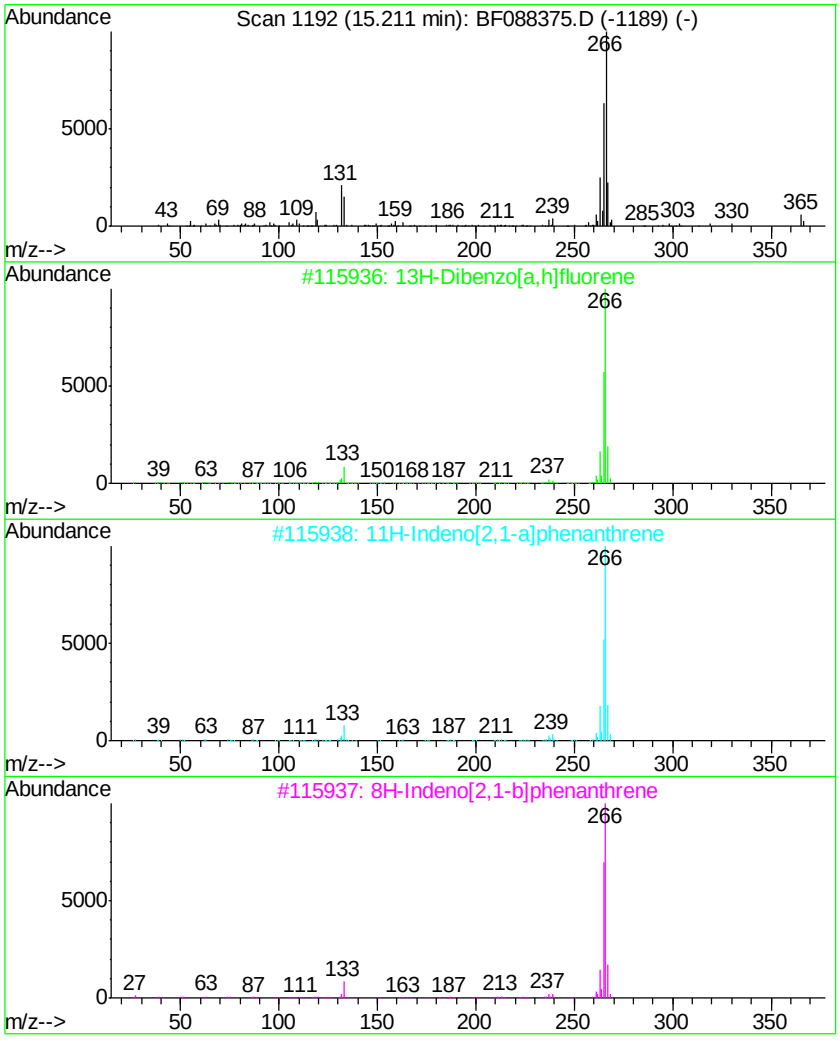
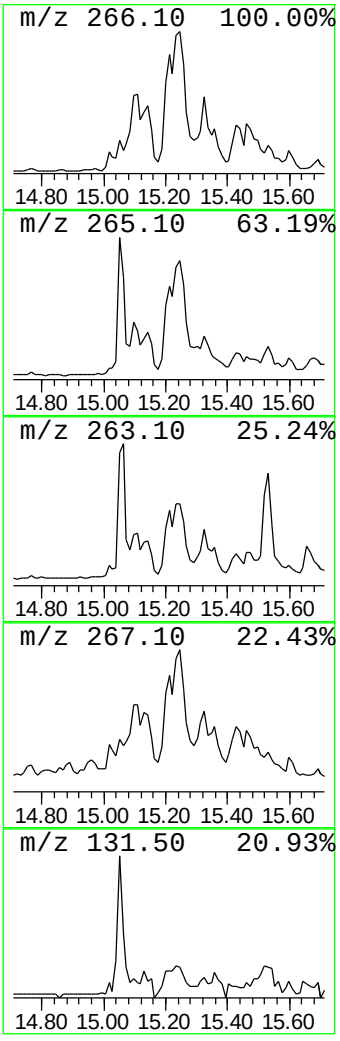
Peak Number 15 13H-Dibenzo[a,h]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	6.44 ng	108818	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	89
2	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	89
3	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	68
4	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	58
5	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	53





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Data File : BF088375.D
Acq On : 25 Jun 2016 14:20
Operator : UM/SJ
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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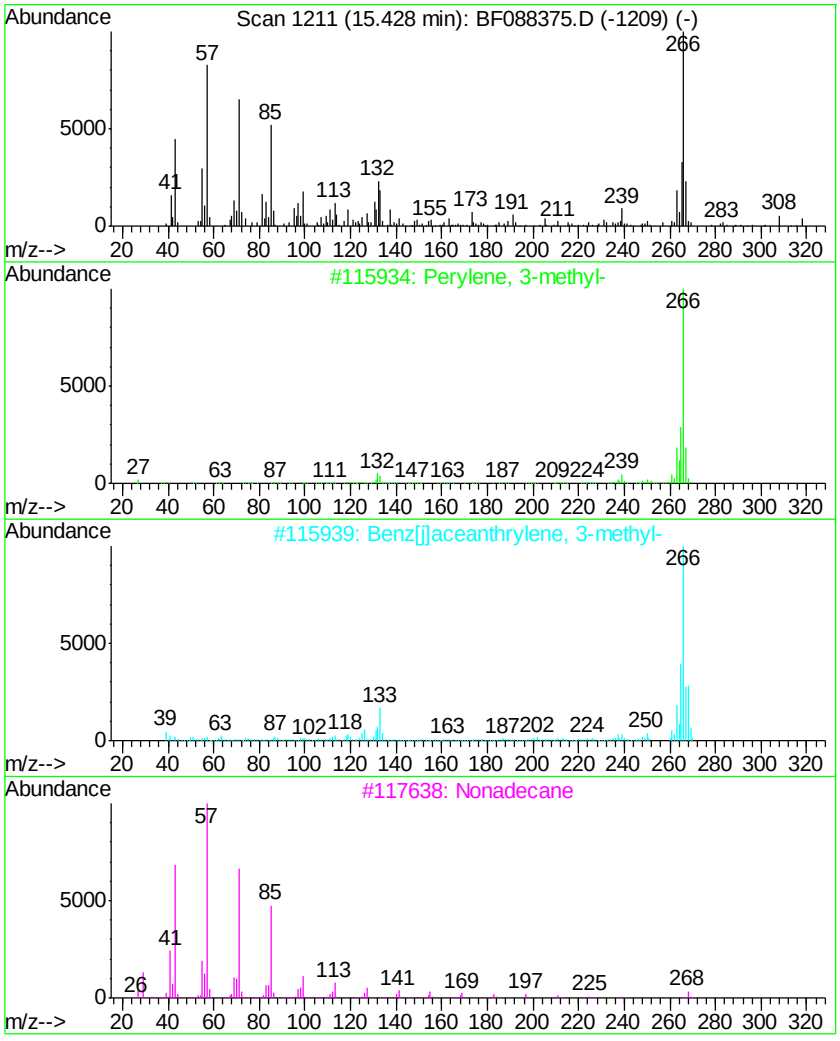
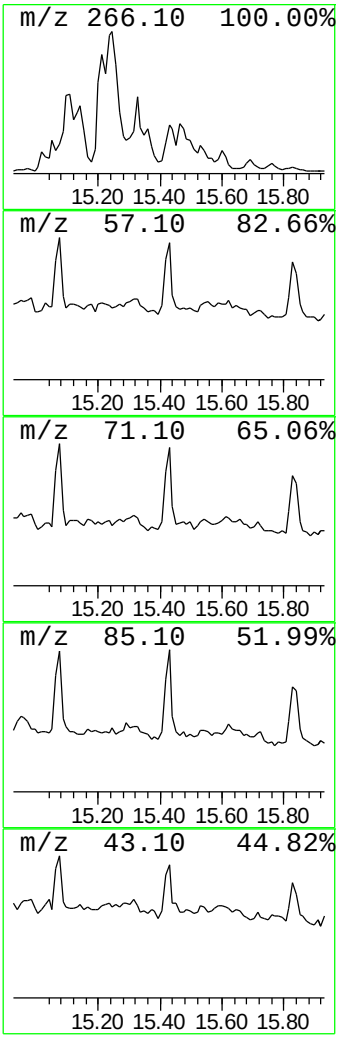
Peak Number 16 Perylene, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	6.81 ng	114982	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	55
2	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	50
3	Nonadecane	268	C19H40	000629-92-5	50
4	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	45
5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088375.D
Acq On : 25 Jun 2016 14:20
Operator : UM/SJ
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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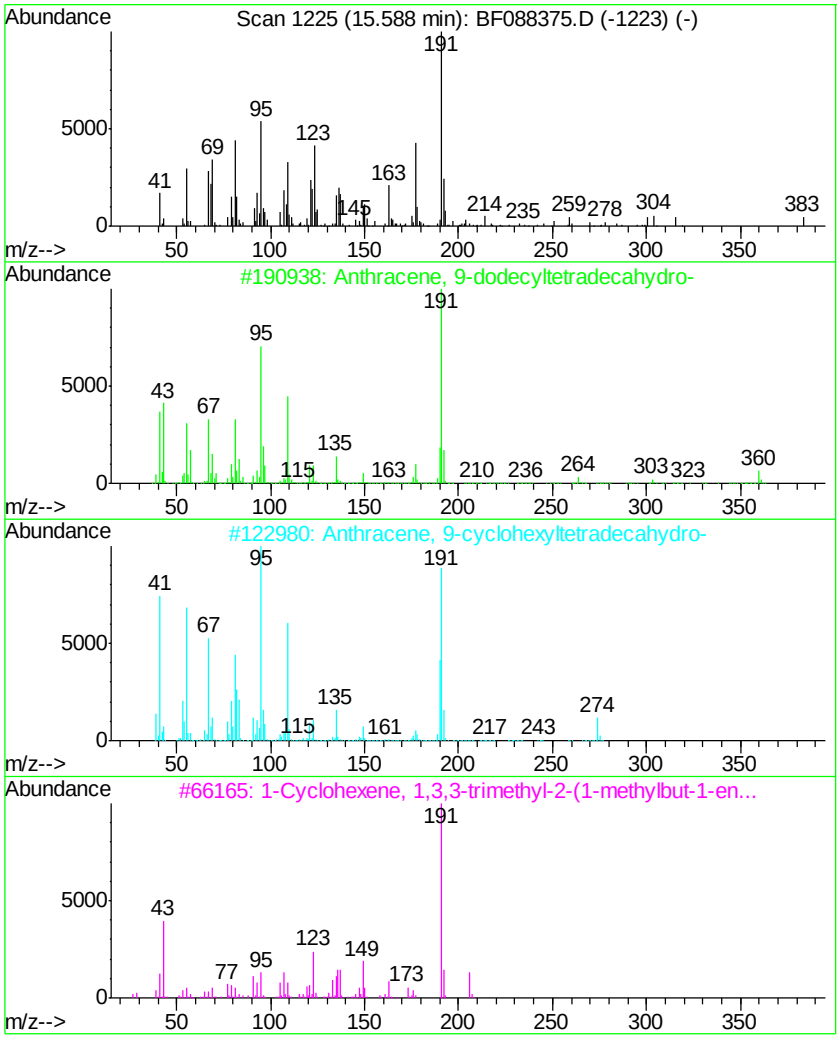
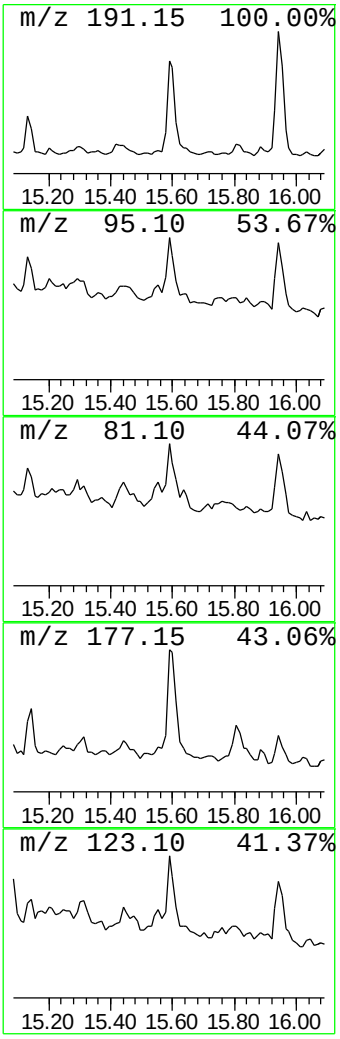
Peak Number 17 unknown15.59 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	14.06 ng	237384	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	32
2	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	27
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	25
4	Benzene, 1,1'-[1,2-cyclohexanedi...	300	C18H20S2	1000362-19-6	25
5	3-Fluoro-5-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-66-5	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088375.D
Acq On : 25 Jun 2016 14:20
Operator : UM/SJ
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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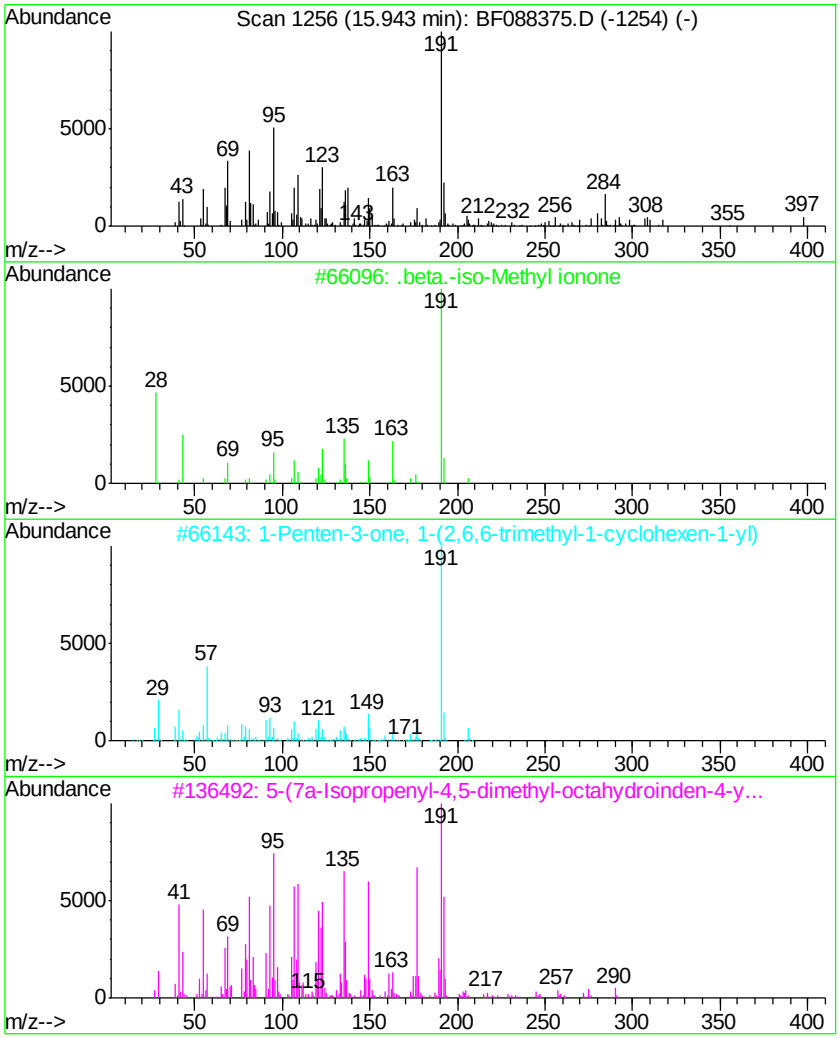
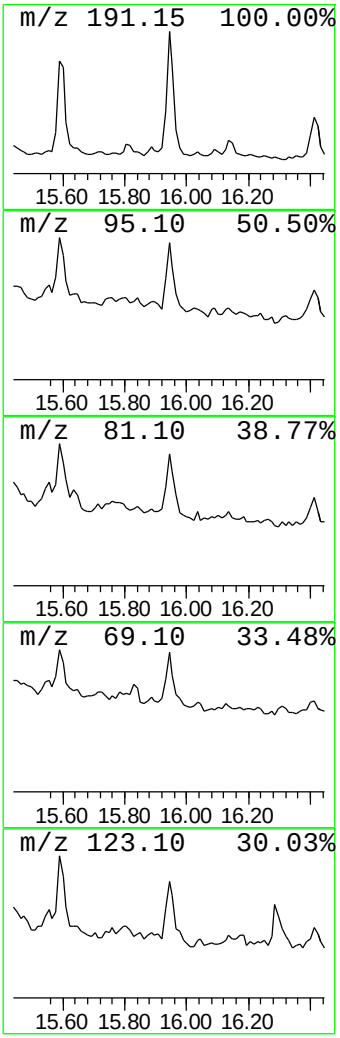
Peak Number 18 .beta.-iso-Methyl ionone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	9.68 ng	163398	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	53
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
3	5-(7a-Isopropenyl-4,5-dimethyl-o...	290	C20H34O	1000193-54-0	35
4	3-Indolethanamine, N-acetyl-5-fl...	250	C13H15FN2O2	1000116-27-1	35
5	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088375.D
Acq On : 25 Jun 2016 14:20
Operator : UM/SJ
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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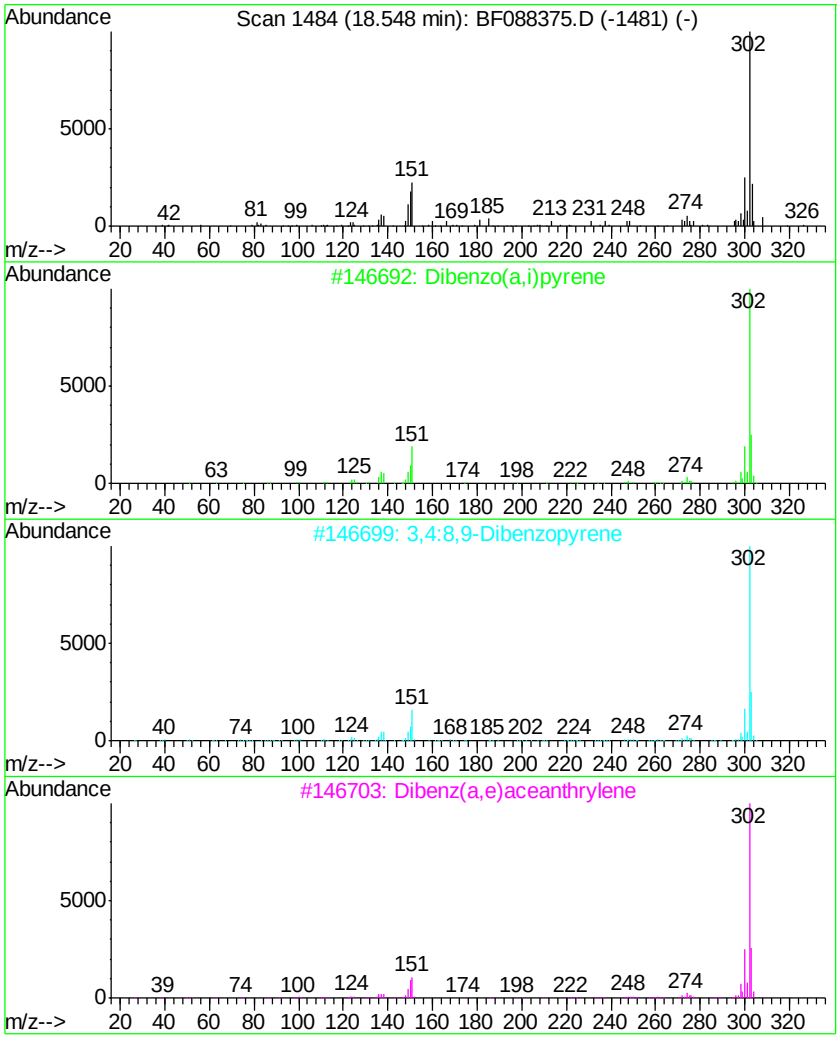
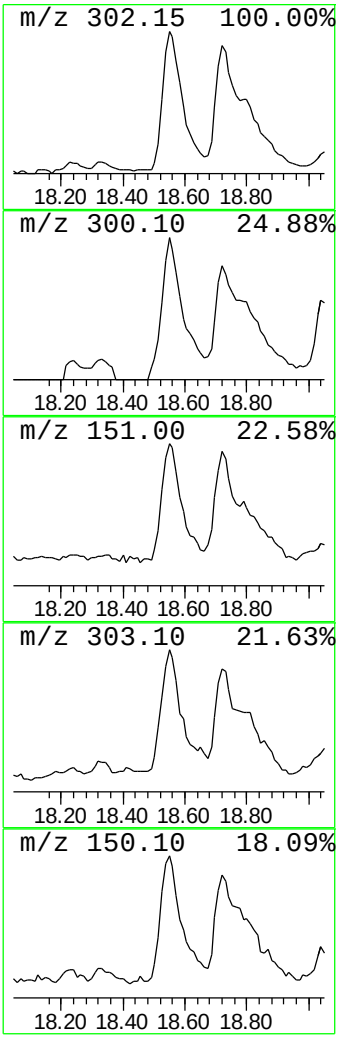
Peak Number 19 Dibenzo(a,i)pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	8.62 ng	145540	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	93
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	90
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088375.D
Acq On : 25 Jun 2016 14:20
Operator : UM/SJ
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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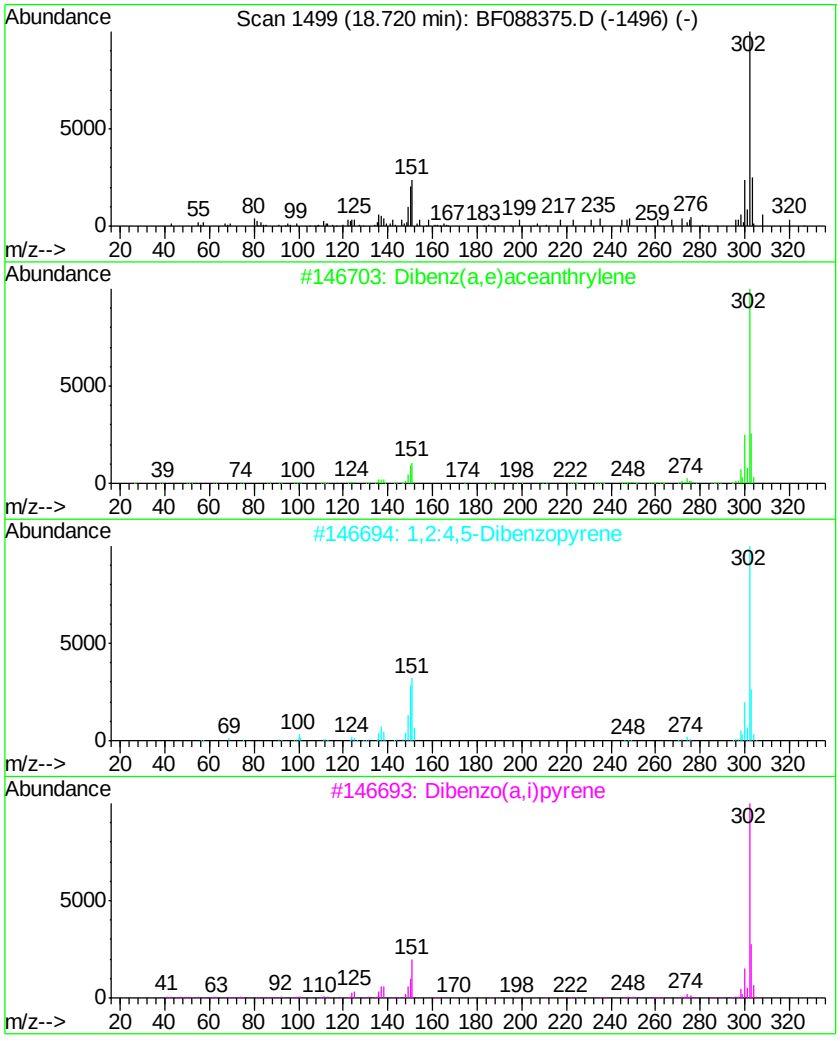
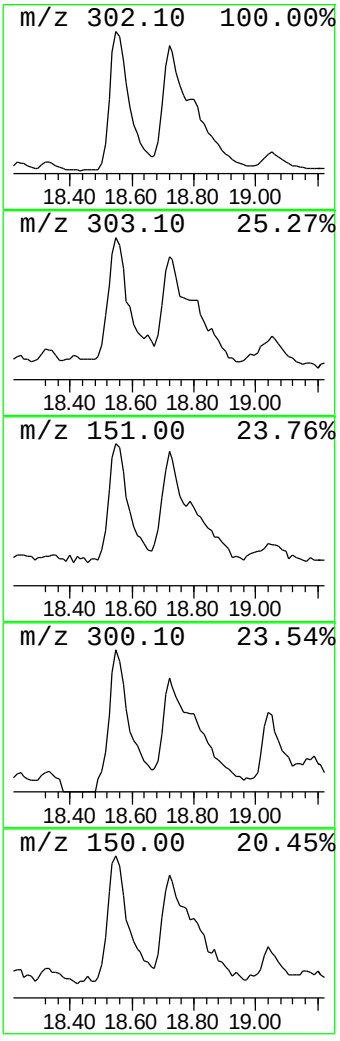
Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	5.46 ng	92246	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	90
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	90
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	89
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	74
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088375.D
Acq On : 25 Jun 2016 14:20
Operator : UM/SJ
Sample : H3602-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q8-B2(0-16)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
Sulfurous acid, 2...	8.28	5.7	ng	180946	2	7.85	638242	20.0
9-Hexadecenoic ac...	11.40	5.6	ng	602037	4	11.07	2143010	20.0
Hexadecanoic acid...	11.50	46.7	ng	5006960	4	11.07	2143010	20.0
4H-Cyclopenta[def...	11.68	5.9	ng	629859	4	11.07	2143010	20.0
16-Octadecenoic a...	12.22	67.9	ng	7271010	4	11.07	2143010	20.0
Fluoranthene, 2-m...	12.83	9.2	ng	848586	5	13.70	1839010	20.0
Nonadecane	14.47	7.5	ng	127003	6	15.05	337738	20.0
4,5-Dihydrobenzo[...	14.56	7.3	ng	124006	6	15.05	337738	20.0
Benzo[e]pyrene	14.79	11.2	ng	188988	6	15.05	337738	20.0
13H-Dibenzo[a,h]f...	15.21	6.4	ng	108818	6	15.05	337738	20.0
Perylene, 3-methyl-	15.43	6.8	ng	114982	6	15.05	337738	20.0
unknown15.59	15.59	14.1	ng	237384	6	15.05	337738	20.0
.beta.-iso-Methyl...	15.94	9.7	ng	163398	6	15.05	337738	20.0
Dibenzo(a,i)pyrene	18.55	8.6	ng	145540	6	15.05	337738	20.0
Dibenz(a,e)aceant...	18.72	5.5	ng	92246	6	15.05	337738	20.0