LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
Data File : BF089078.D
Acq On : 17 Jul 2016 15:12
Operator : UM/SJ
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

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-BF063016.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	14	rVV	62617	112339	7.77%	0.603%
2	1.758	14	15	38	rVB	877553	1445558	100.00%	7.764%
3	3.393	153	158	162	rVB	85934	172638	11.94%	0.927%
4	4.787	278	280	285	rBV	55189	87908	6.08%	0.472%
5	5.244	318	320	322	rBV	1239842	1172185	81.09%	6.295%
6	6.307	410	413	416	rBV	1083932	1130888	78.23%	6.074%
7	6.422	421	423	426	rBV	1114152	1217189	84.20%	6.537%
8	6.650	441	443	445	rBV	334575	353962	24.49%	1.901%
9	6.810	455	457	459	rVB	1097106	958761	66.32%	5.149%
10	7.222	490	493	496	rBV	750209	726373	50.25%	3.901%
11	7.713	532	536	540	rBV2	19462	42261	2.92%	0.227%
12	7.942	553	556	558	rBV	610616	514250	35.57%	2.762%
13	8.376	592	594	597	rBV	11691	15554	1.08%	0.084%
14	8.650	616	618	622	rVV	20219	20265	1.40%	0.109%
15	9.016	648	650	653	rBV	1126761	1357362	93.90%	7.290%
16	9.108	657	658	661	rBV	13121	18293	1.27%	0.098%
17	9.348	678	679	681	rBV	20886	24830	1.72%	0.133%
18	9.416	683	685	687	rVV	265631	220790	15.27%	1.186%
19	9.553	695	697	699	rVB	71605	95155	6.58%	0.511%
20	9.633	703	704	706	rVB	13814	17341	1.20%	0.093%
21	9.690	706	709	711	rBV	529205	493600	34.15%	2.651%
22	9.896	723	727	729	rBV2	14284	19812	1.37%	0.106%
23	10.102	742	745	747	rBV	11192	20177	1.40%	0.108%
24	10.136	747	748	750	rVB	47587	33220	2.30%	0.178%
25	10.353	763	767	769	rBV2	23355	37249	2.58%	0.200%
26	10.388	769	770	773	rVB2	8594	14947	1.03%	0.080%
27	10.468	775	777	780	rVB2	486224	667163	46.15%	3.583%
28	10.605	787	789	794	rBV	61196	96090	6.65%	0.516%
29	10.925	815	817	820	rVB4	12031	14496	1.00%	0.078%
30	10.971	820	821	823	rVB	19076	16088	1.11%	0.086%
31	11.051	826	828	830	rBV	43494	37634	2.60%	0.202%
32	11.165	835	838	839	rBV	430465	409323	28.32%	2.198%
33	11.188	839	840	841	rVB	73521	50435	3.49%	0.271%
34	11.233	841	844	846	rVB	97849	91586	6.34%	0.492%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.268	846	847	851	rBV2	11651	15967	1.10%	0.086%
36	11.394	856	858	859	rBV	31899	28889	2.00%	0.155%
37	11.474	863	865	870	rVB3	22947	45120	3.12%	0.242%
38	11.656	879	881	883	rBV	14633	23951	1.66%	0.129%
39	11.691	883	884	887	rVB2	43545	41476	2.87%	0.223%
40	11.736	887	888	889	rBV	27068	19201	1.33%	0.103%
41	11.771	889	891	896	rVB	44867	66717	4.62%	0.358%
42	11.885	899	901	903	rVV2	18297	25380	1.76%	0.136%
43	11.976	906	909	912	rVB2	28644	46186	3.20%	0.248%
44	12.102	918	920	922	rBV2	10604	15978	1.11%	0.086%
45	12.205	927	929	931	rBV2	35003	51674	3.57%	0.278%
46	12.296	933	937	939	rVB3	30001	66749	4.62%	0.358%
47	12.365	941	943	945	rBV	358079	314711	21.77%	1.690%
48	12.422	945	948	950	rBV3	11851	17002	1.18%	0.091%
49	12.456	950	951	953	rVB	32618	31105	2.15%	0.167%
50	12.502	953	955	957	rBV2	22481	41689	2.88%	0.224%
51	12.594	959	963	965	rBV	376968	379813	26.27%	2.040%
52	12.639	965	967	970	rVB3	27048	42932	2.97%	0.231%
53	12.708	971	973	974	rBV2	17370	23331	1.61%	0.125%
54	12.742	974	976	979	rVB	804600	993049	68.70%	5.333%
55	12.822	979	983	986	rBV3	31145	69070	4.78%	0.371%
56	12.902	986	990	993	rBV3	45147	116500	8.06%	0.626%
57	12.994	993	998	999	rBV4	45405	88650	6.13%	0.476%
58	13.028	999	1001	1004	rBV2	45628	62902	4.35%	0.338%
59	13.085	1004	1006	1007	rBV	61254	89542	6.19%	0.481%
60	13.119	1007	1009	1010	rVB	40100	50416	3.49%	0.271%
61	13.142	1010	1011	1014	rBV2	25689	31833	2.20%	0.171%
62	13.337	1023	1028	1030	rBV6	38328	111174	7.69%	0.597%
63	13.428	1034	1036	1040	rVB	64994	82465	5.70%	0.443%
64	13.485	1040	1041	1043	rBV2	14797	17982	1.24%	0.097%
65	13.531	1043	1045	1047	rBV	58469	90369	6.25%	0.485%
66	13.588	1047	1050	1053	rVV3	50244	119212	8.25%	0.640%
67	13.657	1053	1056	1059	rVB3	68676	140096	9.69%	0.752%
68	13.782	1064	1067	1074	rBV3	423524	911816	63.08%	4.897%
69	13.885	1074	1076	1077	rBV2	26416	38281	2.65%	0.206%
70	14.171	1099	1101	1103	rVB	45567	44852	3.10%	0.241%
71	14.205	1103	1104	1106	rVB2	34788	40610	2.81%	0.218%

LSC Area Percent Report

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Acq On : 17 Jul 2016 15:12
Operator : UM/SJ
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.297	1110	1112	1117	rVB4	52125	97894	6.77%	0.526%
73	14.468	1125	1127	1129	rBV2	28430	46274	3.20%	0.249%
74	14.571	1132	1136	1138	rVV4	36952	91342	6.32%	0.491%
75	14.640	1139	1142	1144	rVV3	57081	85763	5.93%	0.461%
76	14.788	1152	1155	1159	rBV	280814	587524	40.64%	3.155%
77	14.868	1161	1162	1164	rVB	74765	91022	6.30%	0.489%
78	15.040	1175	1177	1180	rVB	165061	231056	15.98%	1.241%
79	15.097	1180	1182	1185	rVV	195469	229190	15.85%	1.231%
80	15.154	1185	1187	1196	rVB2	255883	418695	28.96%	2.249%
81	15.577	1222	1224	1226	rBV	33718	58822	4.07%	0.316%
82	16.125	1270	1272	1280	rVB6	40440	108243	7.49%	0.581%
83	16.423	1295	1298	1303	rVB2	88203	199052	13.77%	1.069%
84	16.560	1308	1310	1313	rBV	23991	50616	3.50%	0.272%
85	16.800	1328	1331	1336	rVB	84481	159215	11.01%	0.855%
86	16.914	1339	1341	1345	rVB4	29911	62601	4.33%	0.336%

Sum of corrected areas: 18619721

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
Data File : BF089078.D
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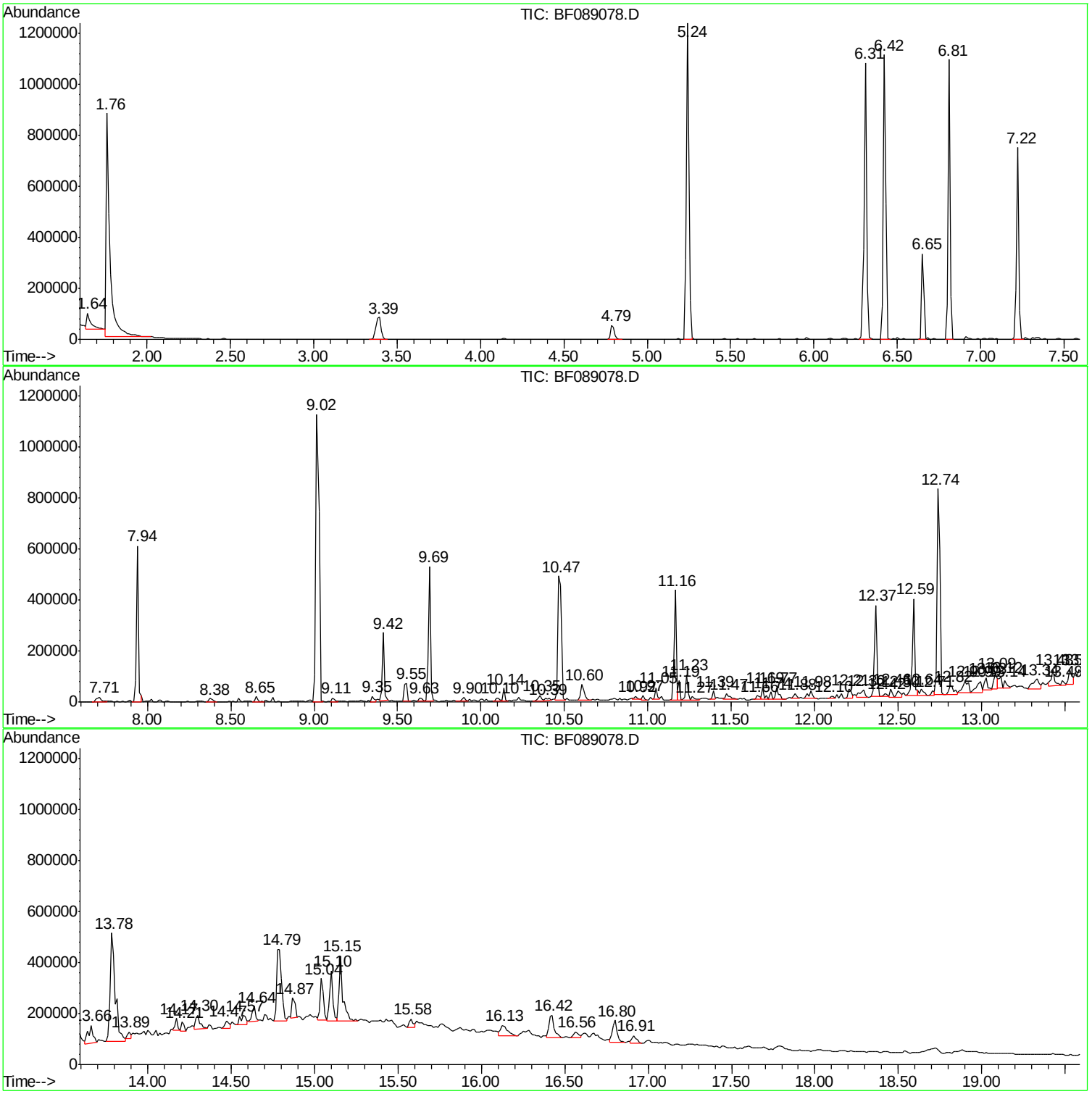
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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\BF071716\
Data File : BF089078.D
Acq On : 17 Jul 2016 15:12
Operator : UM/SJ
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

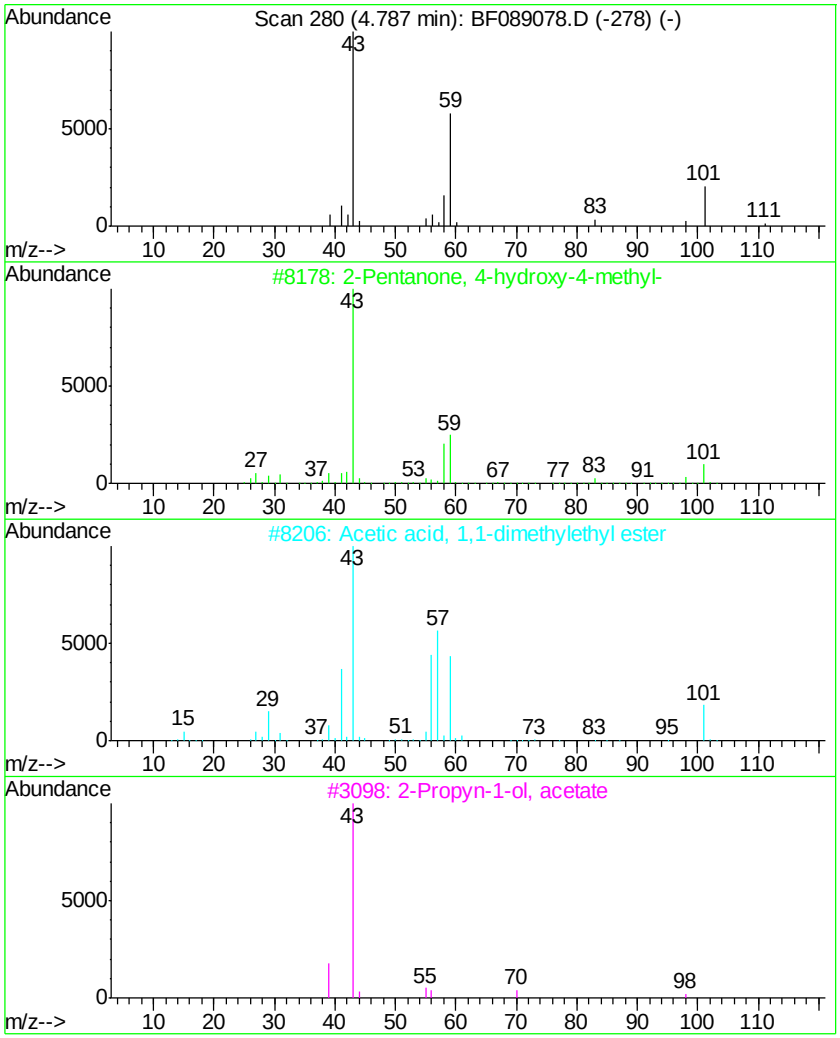
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

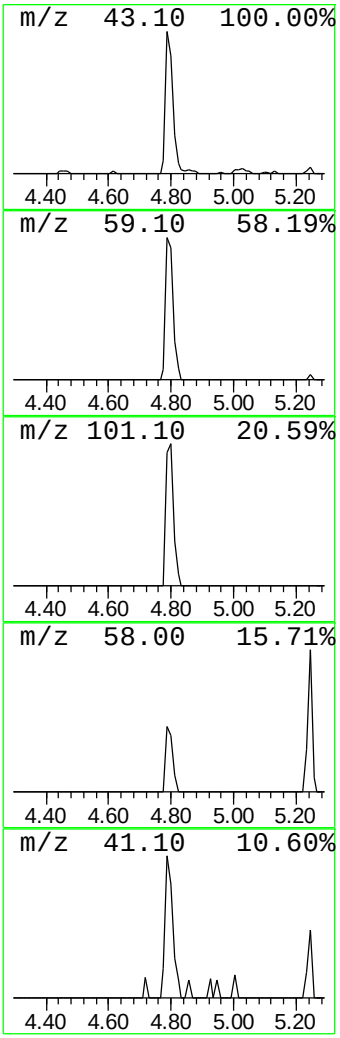
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	4.97 ng	87908	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
Data File : BF089078.D
Acq On : 17 Jul 2016 15:12
Operator : UM/SJ
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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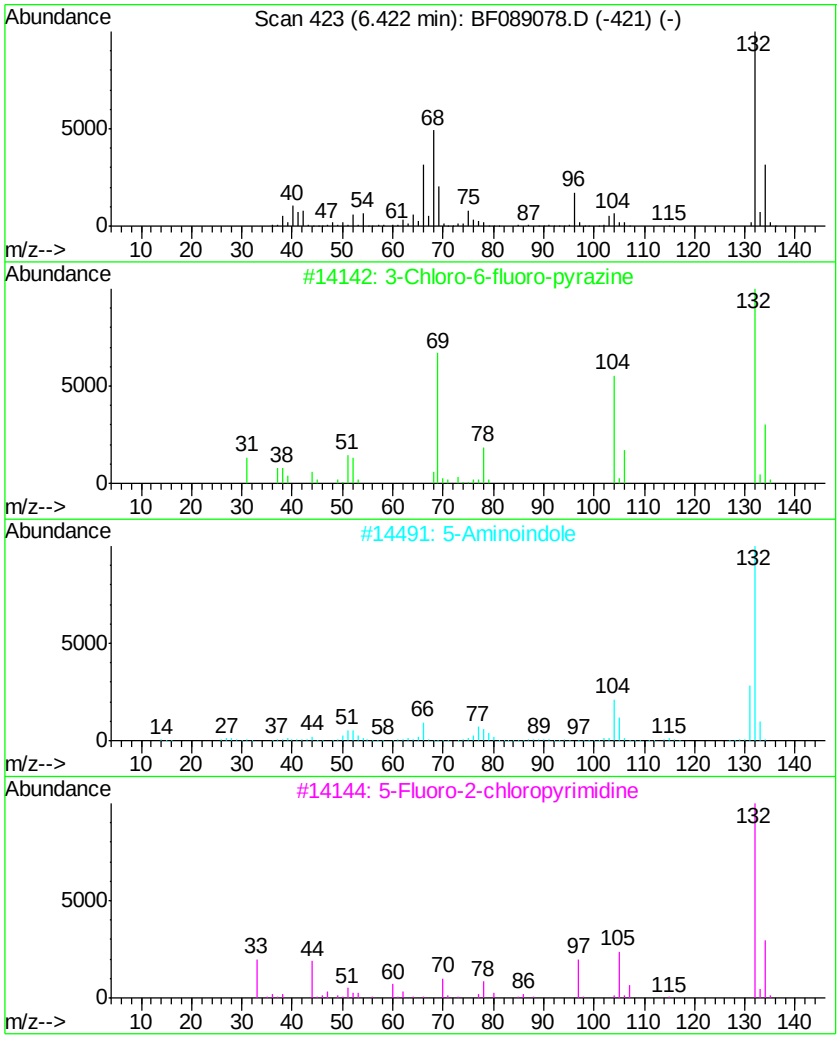
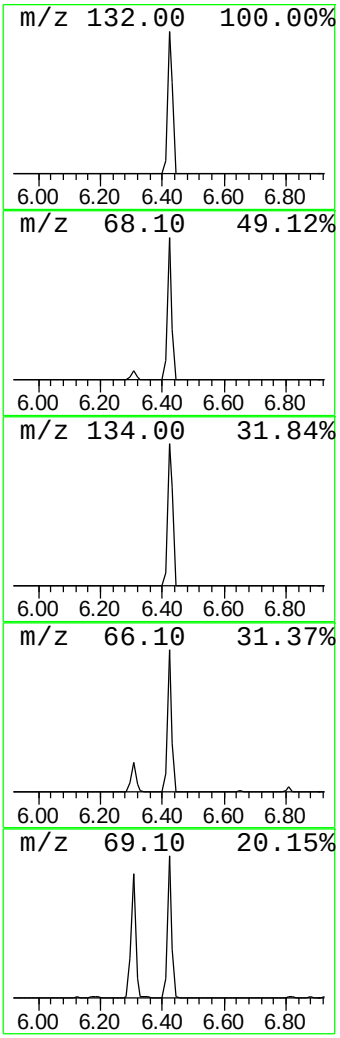
Peak Number 5 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	68.78 ng	1217190	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
Data File : BF089078.D
Acq On : 17 Jul 2016 15:12
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Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

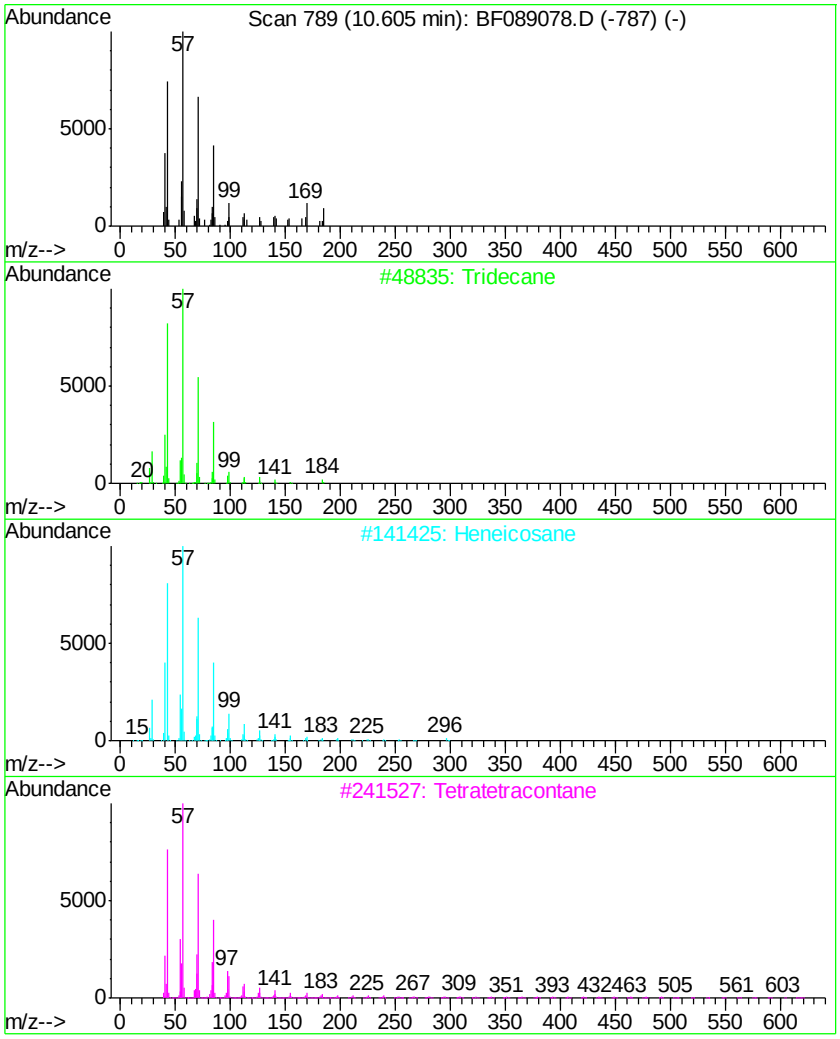
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

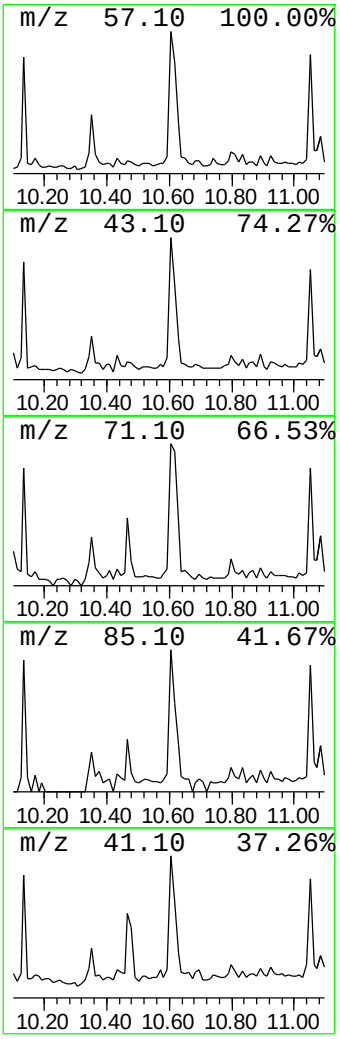
****

Peak Number 7 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	4.70 ng	96090	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Heneicosane	296	C21H44	000629-94-7	74
3	Tetratetracontane	619	C44H90	007098-22-8	74
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	74
5	Hexadecane	226	C16H34	000544-76-3	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
Data File : BF089078.D
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Misc :
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Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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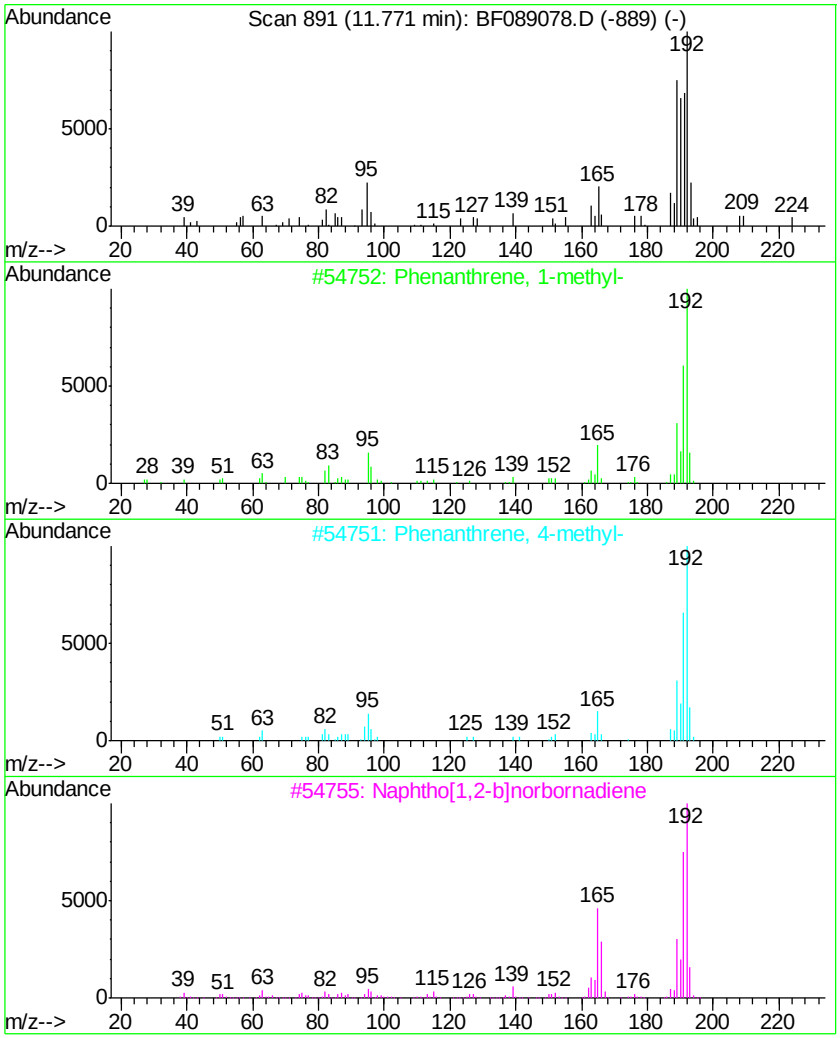
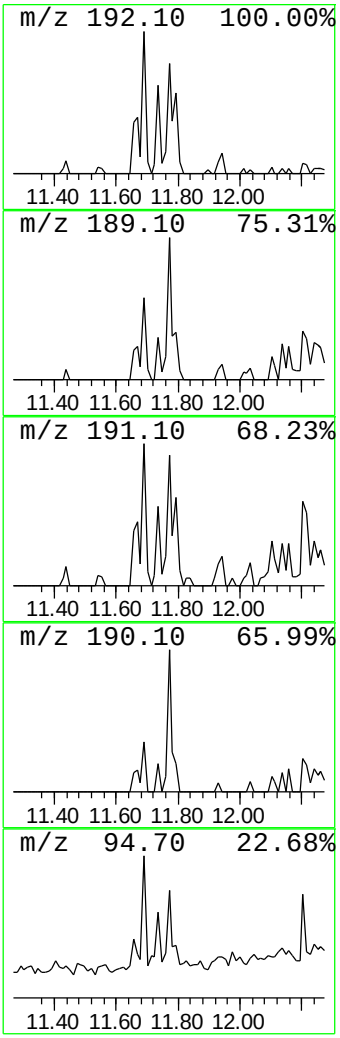
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.26 ng	66717	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
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Acq On : 17 Jul 2016 15:12
Operator : UM/SJ
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

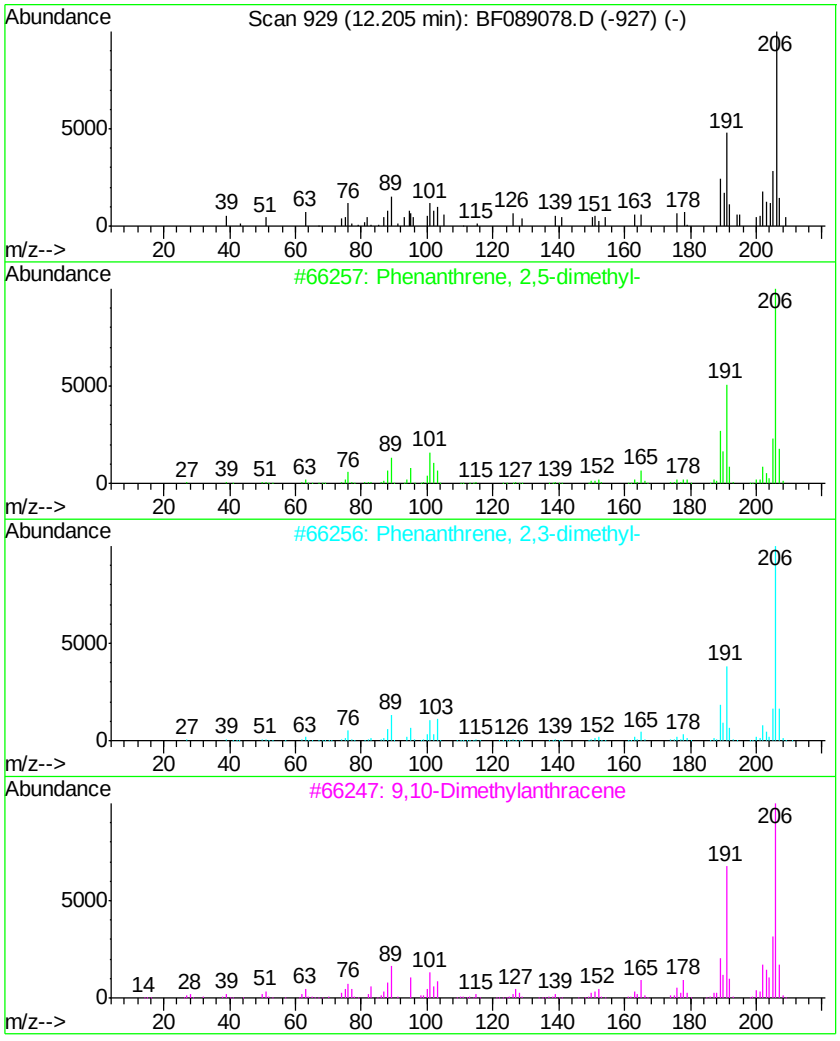
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

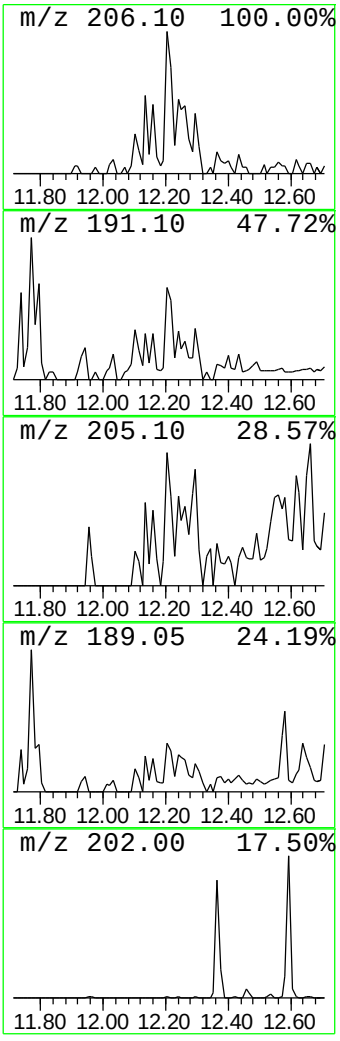
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.52 ng	51674	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
Data File : BF089078.D
Acq On : 17 Jul 2016 15:12
Operator : UM/SJ
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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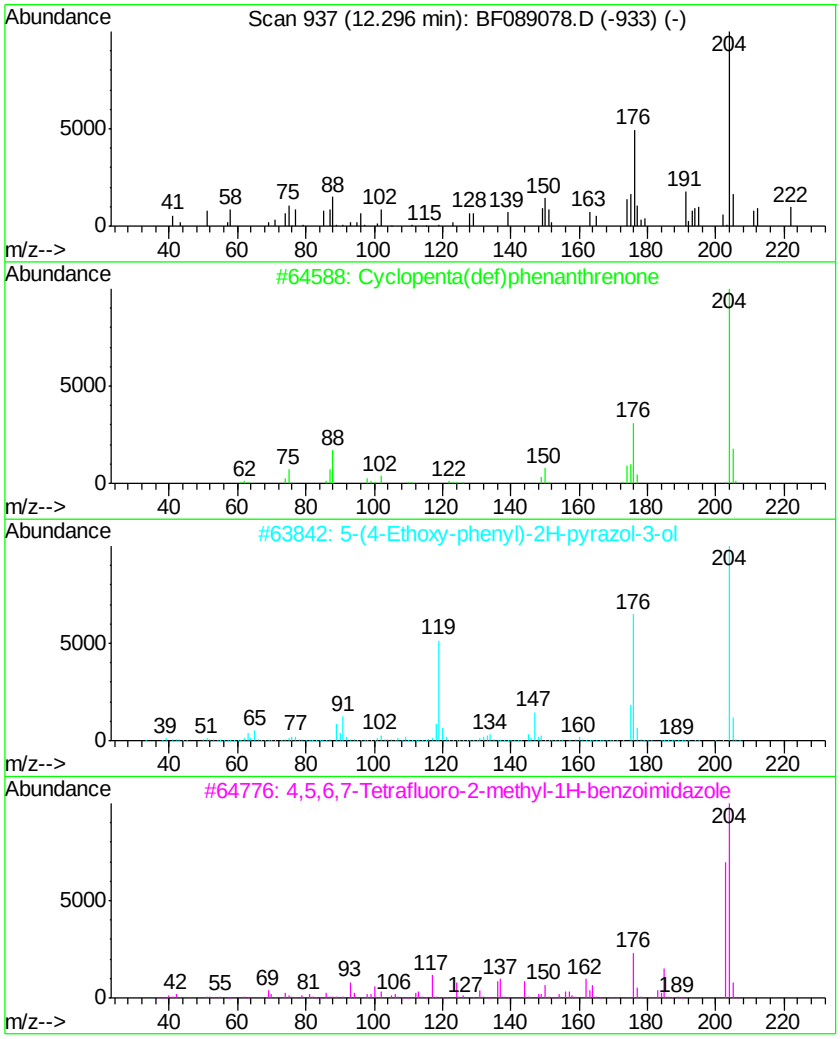
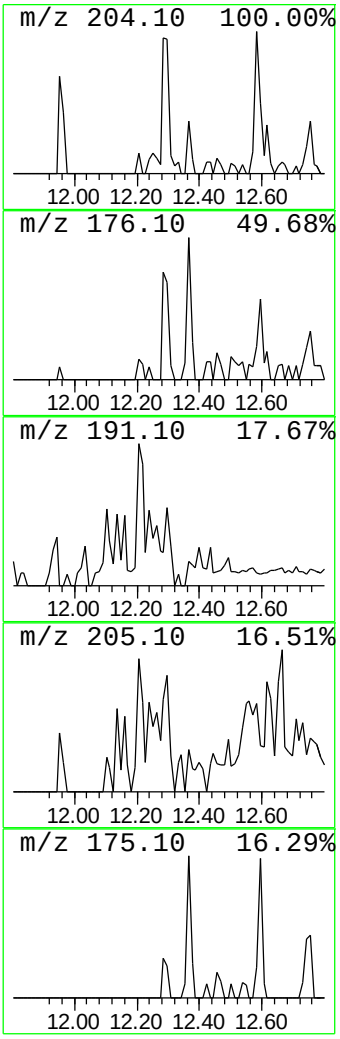
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.26 ng	66749	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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Data File : BF089078.D
Acq On : 17 Jul 2016 15:12
Operator : UM/SJ
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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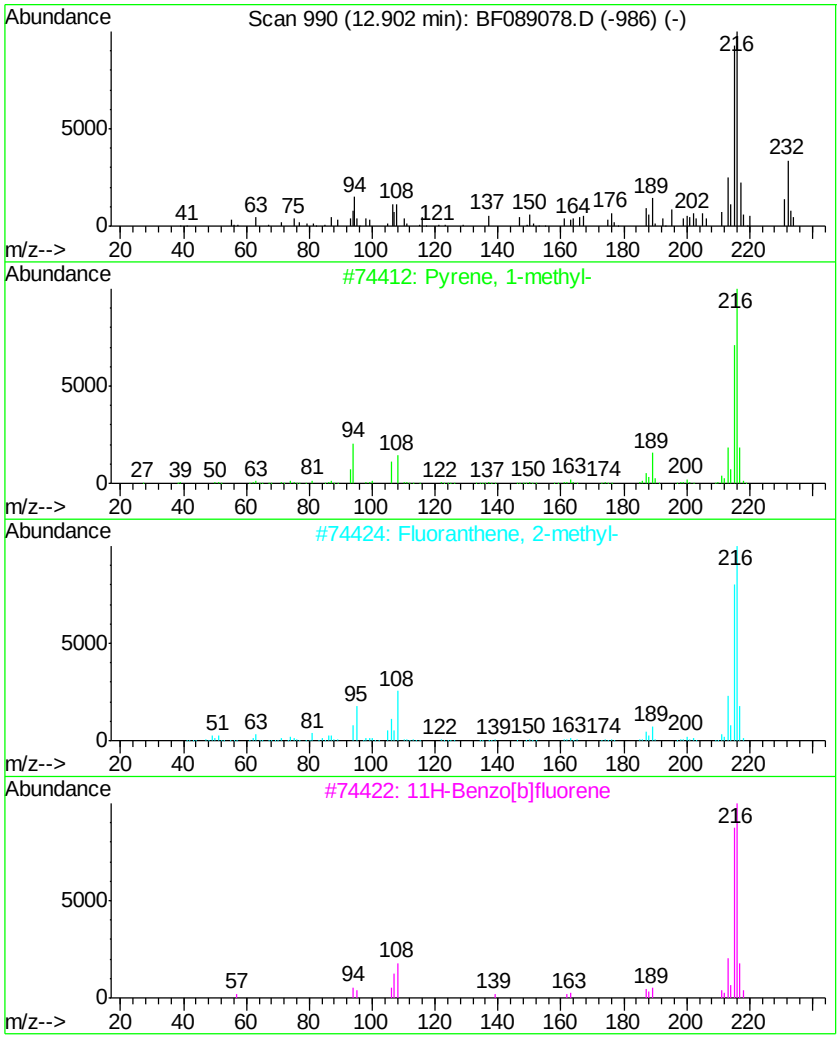
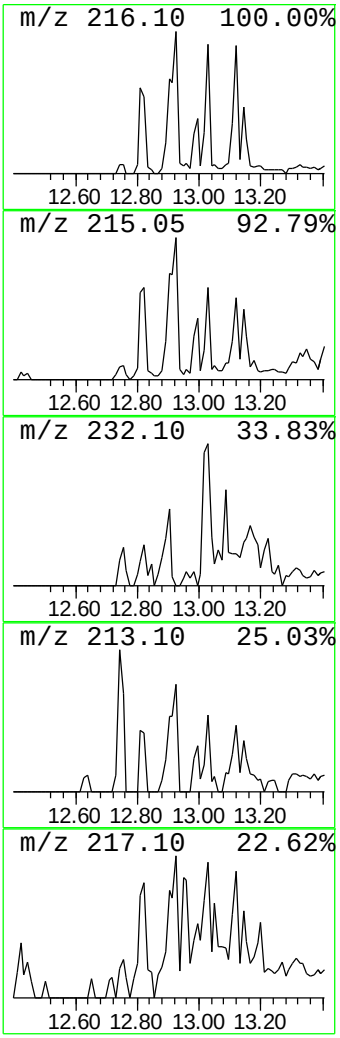
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.56 ng	116500	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	52





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Operator : UM/SJ
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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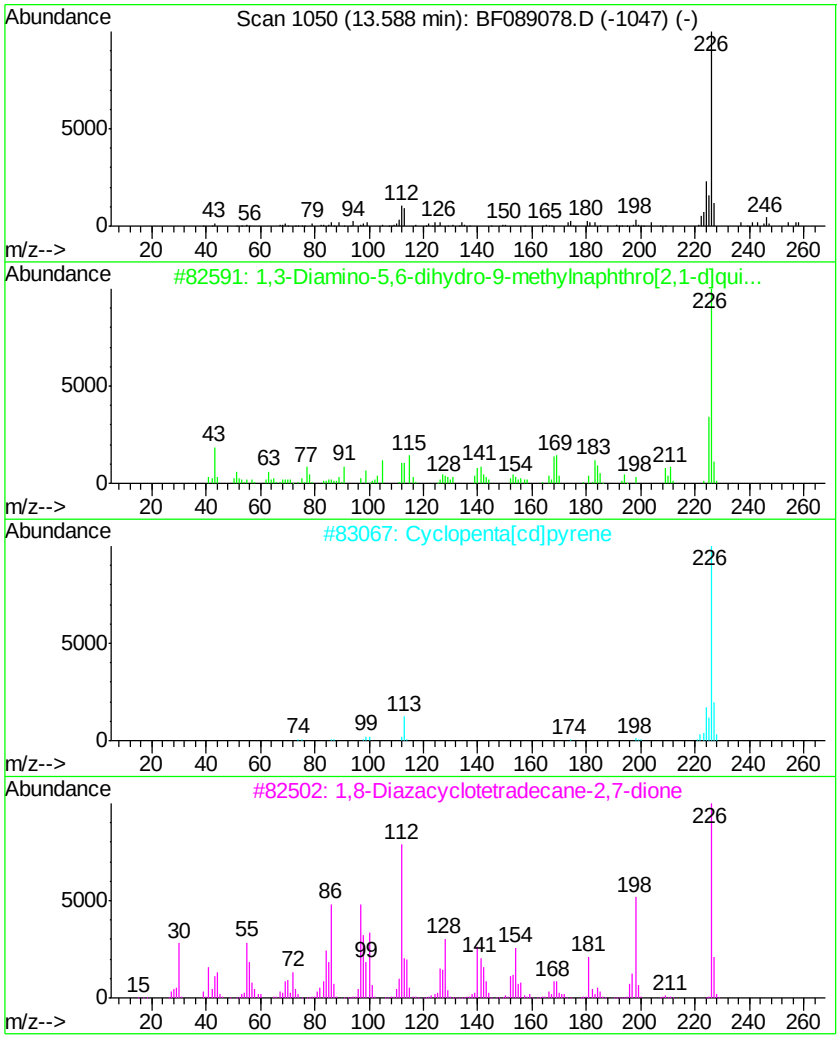
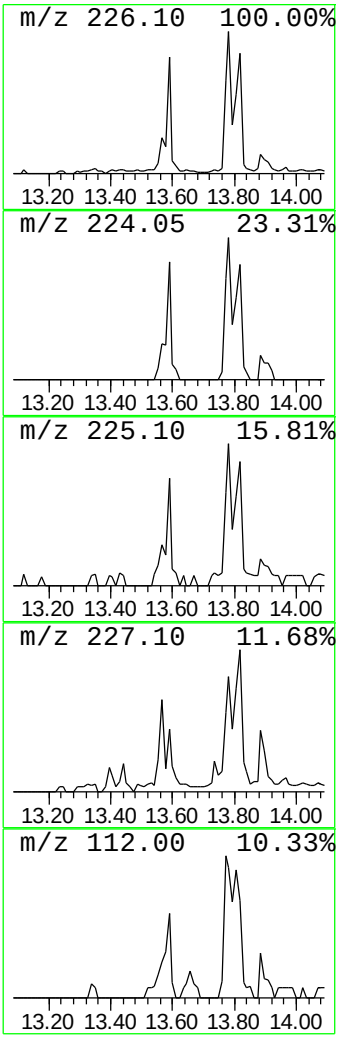
Peak Number 12 unknown13.59 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.61 ng	119212	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	42
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
3	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	37
4	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	36
5	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	33





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Acq On : 17 Jul 2016 15:12
Operator : UM/SJ
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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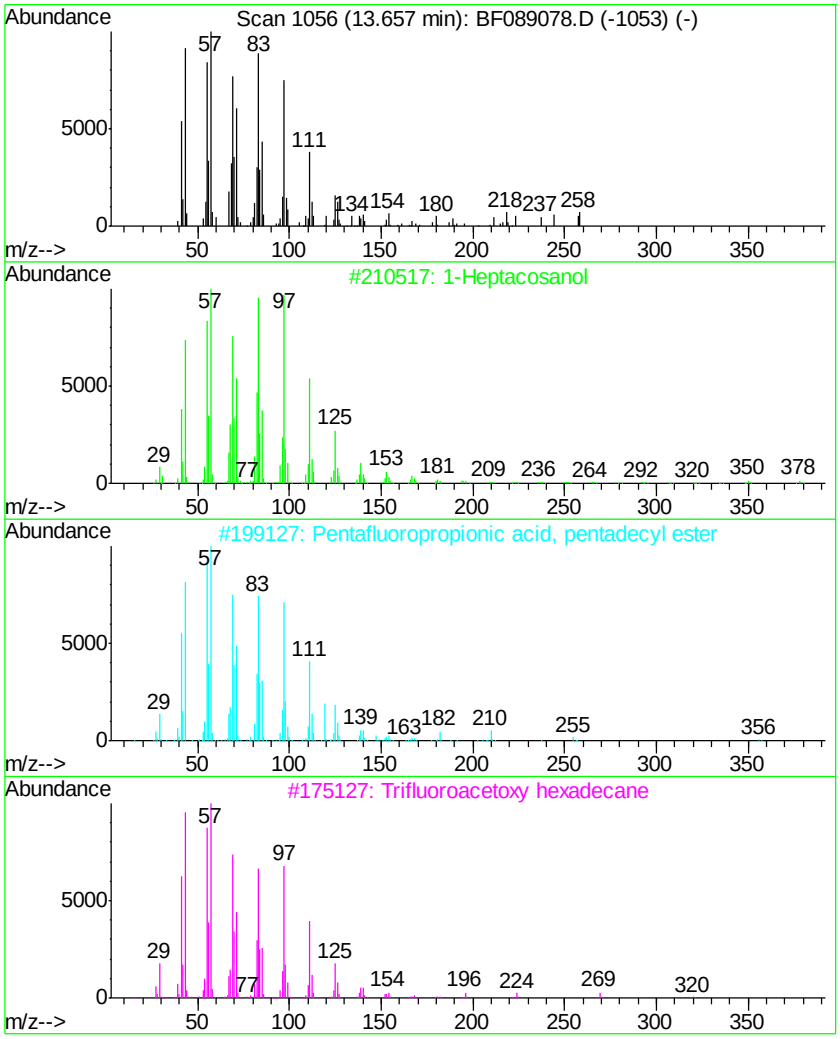
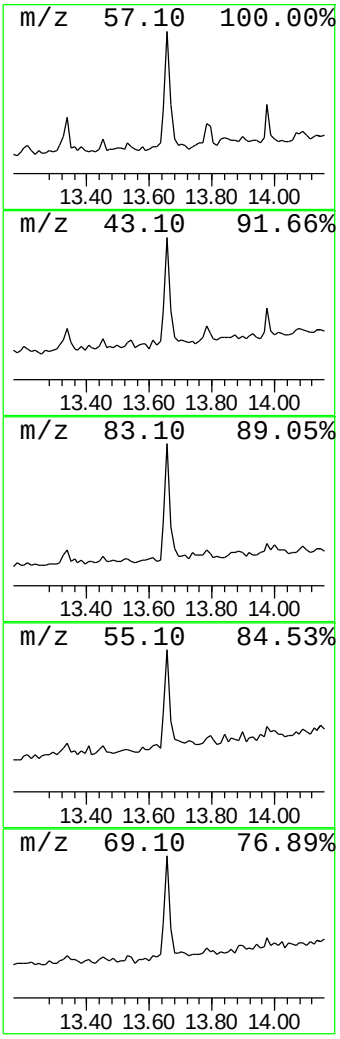
Peak Number 13 1-Heptacosanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	3.07 ng	140096	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
5	1-Heneicosanol	312	C21H44O	015594-90-8	87





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Operator : UM/SJ
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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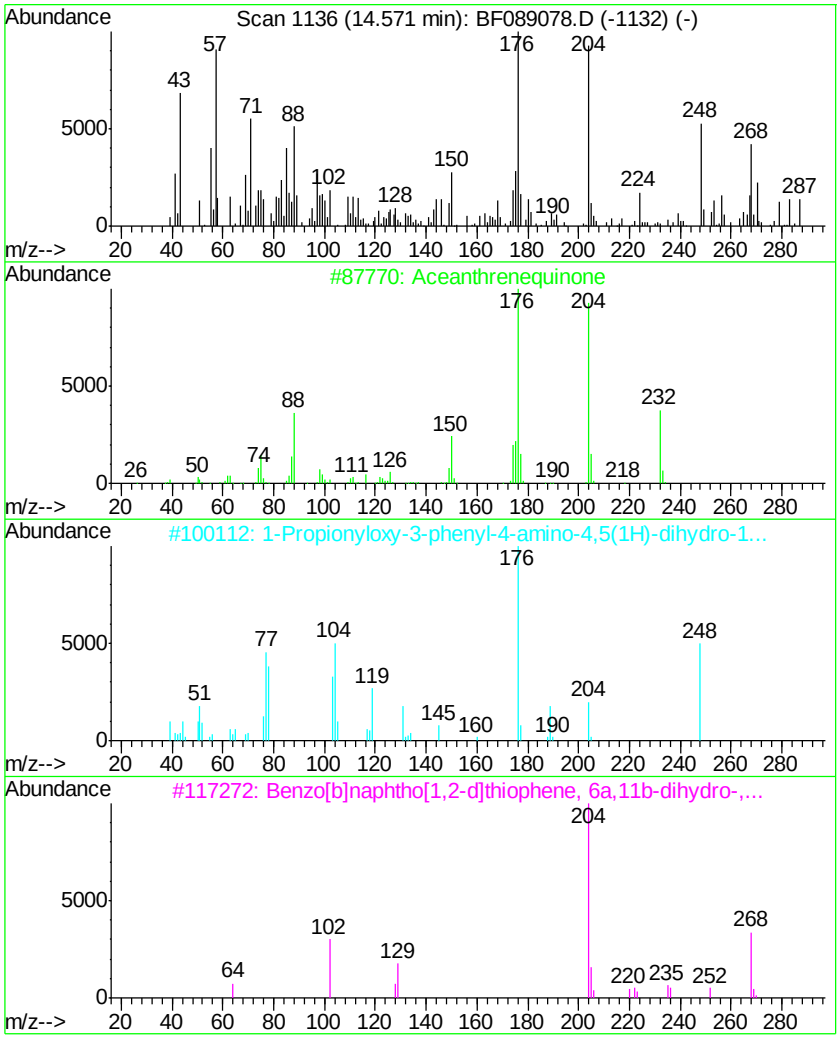
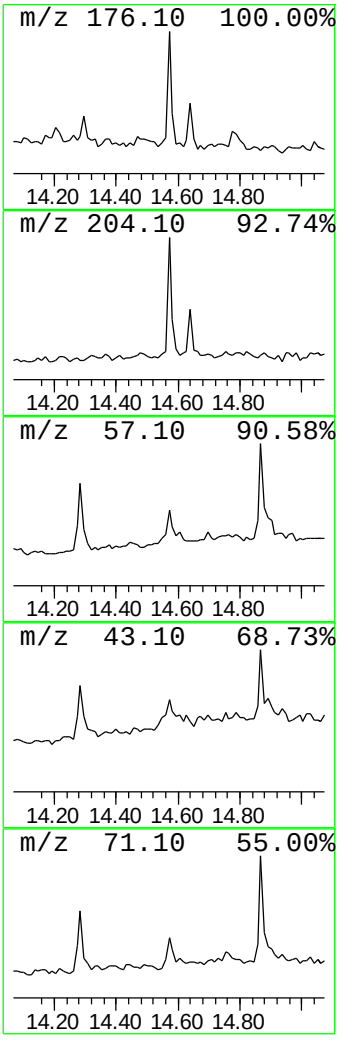
Peak Number 14 unknown14.57 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	4.36 ng	91342	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aceanthrenequinone	232	C16H8O2	006373-11-1	35
2	1-Propionyloxy-3-phenyl-4-amino-...	248	C11H12N4O3	1000147-10-6	22
3	Benzo[b]naphtho[1,2-d]thiophene,...	268	C16H12O2S	019076-30-3	14
4	Benzene, 1,5-difluoro-2,4-dinitro-	204	C6H2F2N2O4	000327-92-4	11
5	2-Propenal, 3-(1,3-benzodioxol-5...	176	C10H8O3	014756-00-4	11





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Acq On : 17 Jul 2016 15:12
Operator : UM/SJ
Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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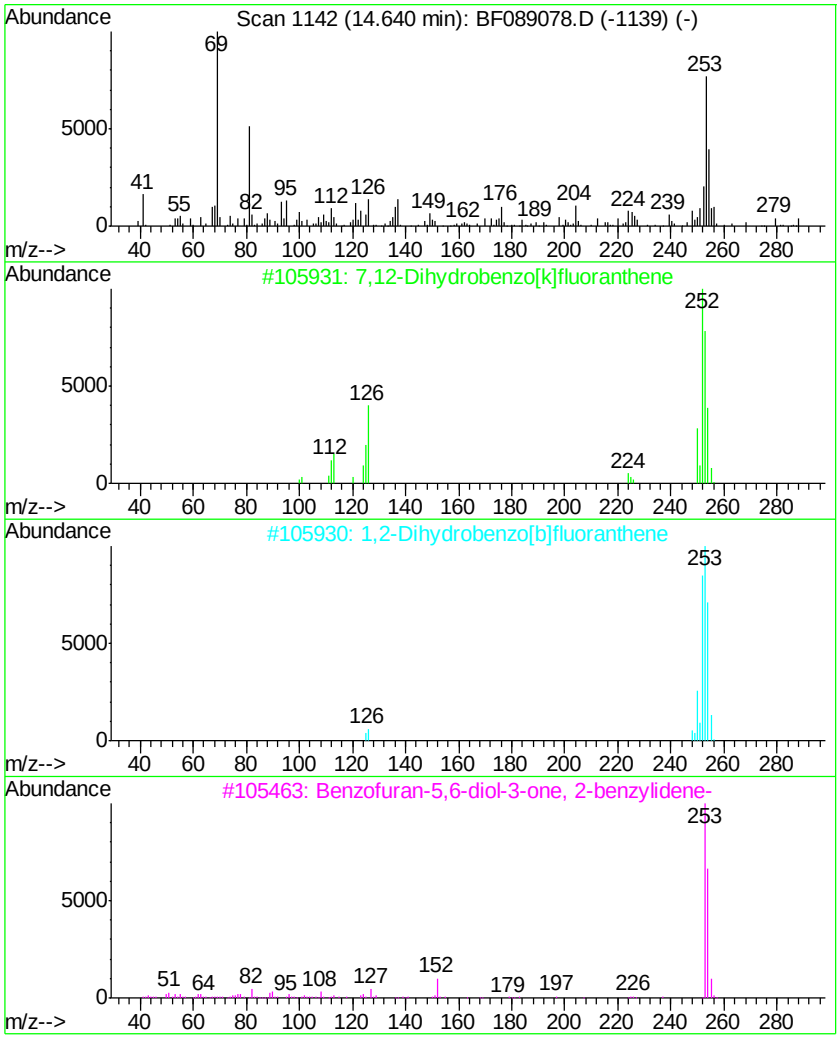
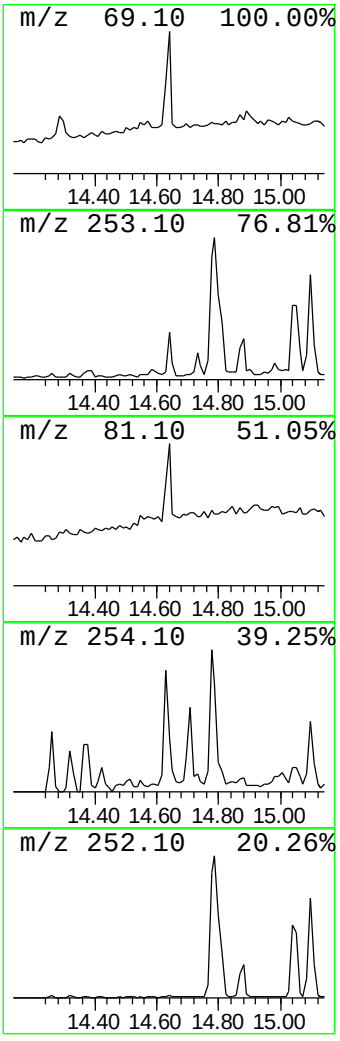
Peak Number 15 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.10 ng	85763	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
2	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	64
3	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	43
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	43
5	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	38





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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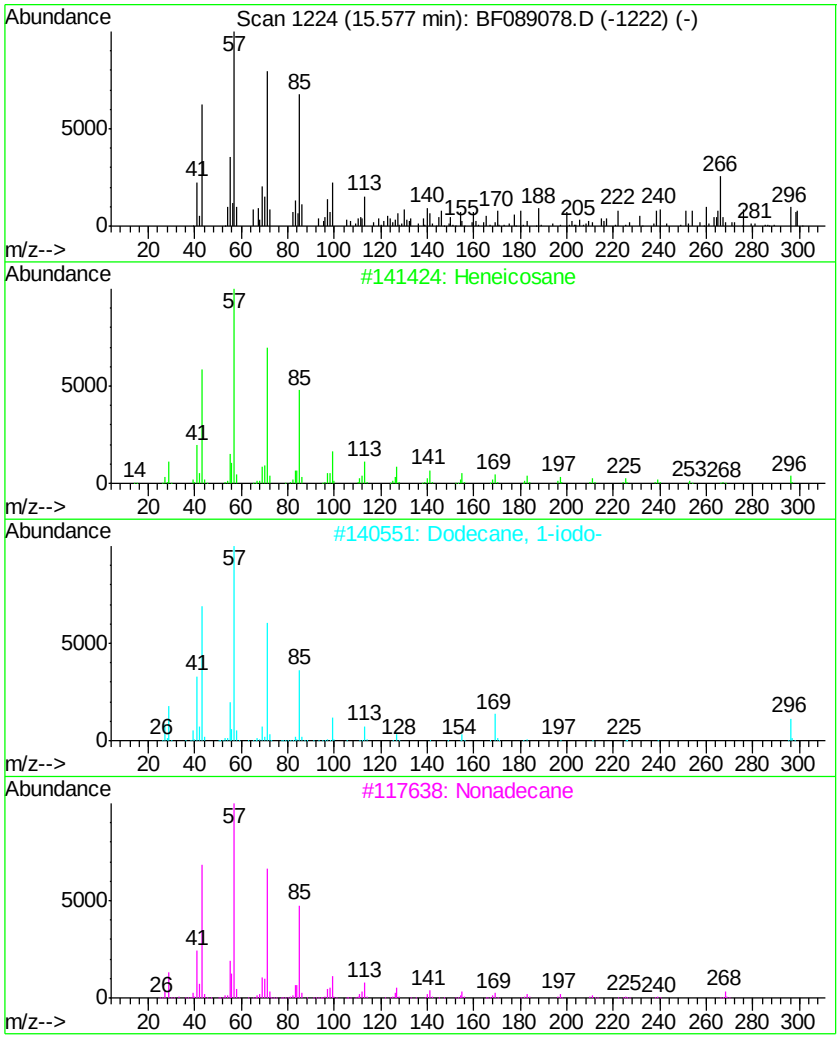
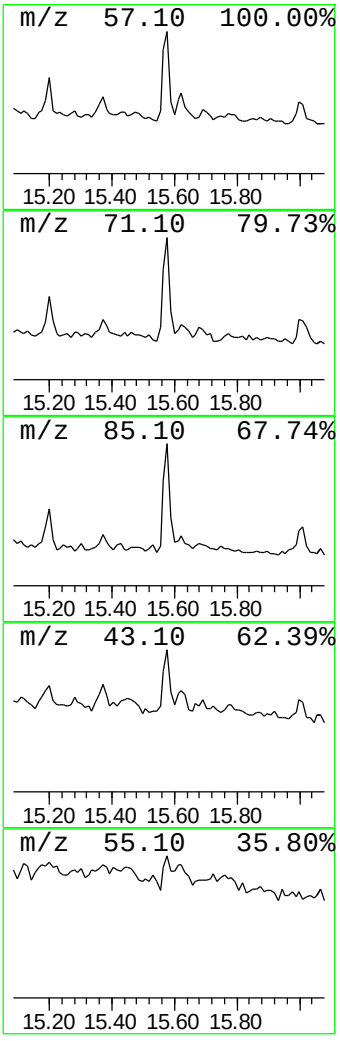
Peak Number 18 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.81 ng	58822	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	76
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	76
3	Nonadecane	268	C19H40	000629-92-5	64
4	Heptadecane	240	C17H36	000629-78-7	62
5	Hexacosane	366	C26H54	000630-01-3	58





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Sample : H4046-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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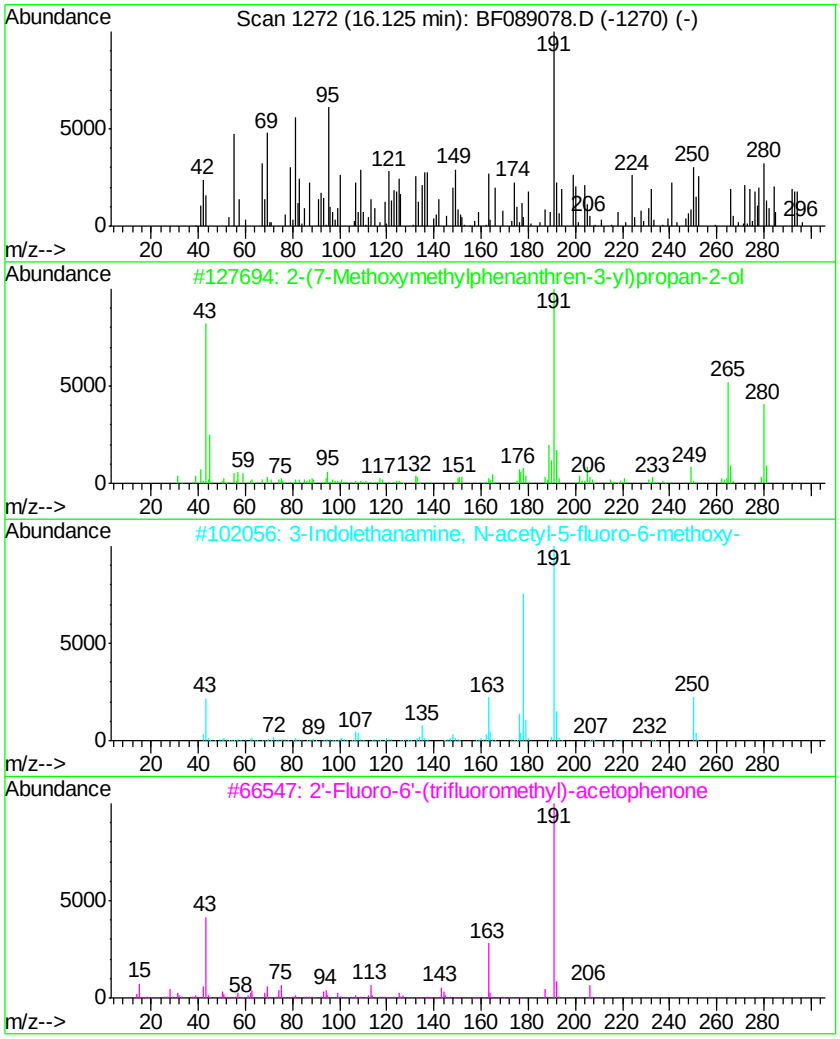
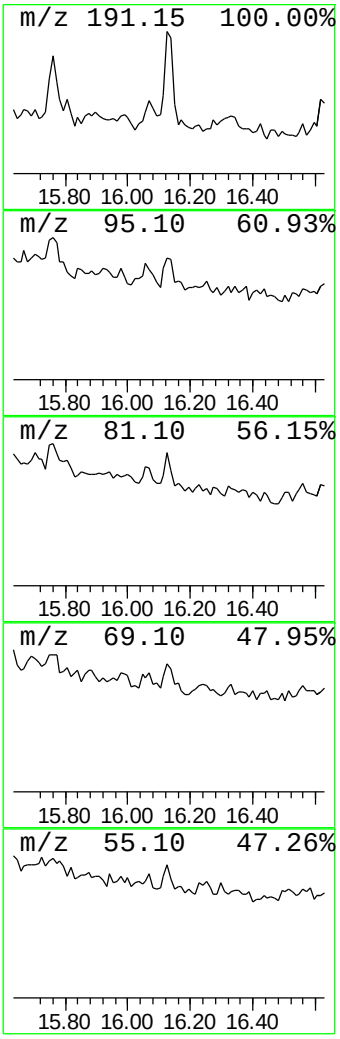
Peak Number 19 unknown16.13 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	5.17 ng	108243	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(7-Methoxymethylphenanthren-3-...	280	C19H20O2	1000201-97-9	30
2	3-Indolethanamine, N-acetyl-5-fl...	250	C13H15FN2O2	1000116-27-1	22
3	2'-Fluoro-6'-(trifluoromethyl)-a...	206	C9H6F4O	174013-29-7	18
4	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	18
5	Anthracene, 9-heptyl-	276	C21H24	1000157-50-3	18





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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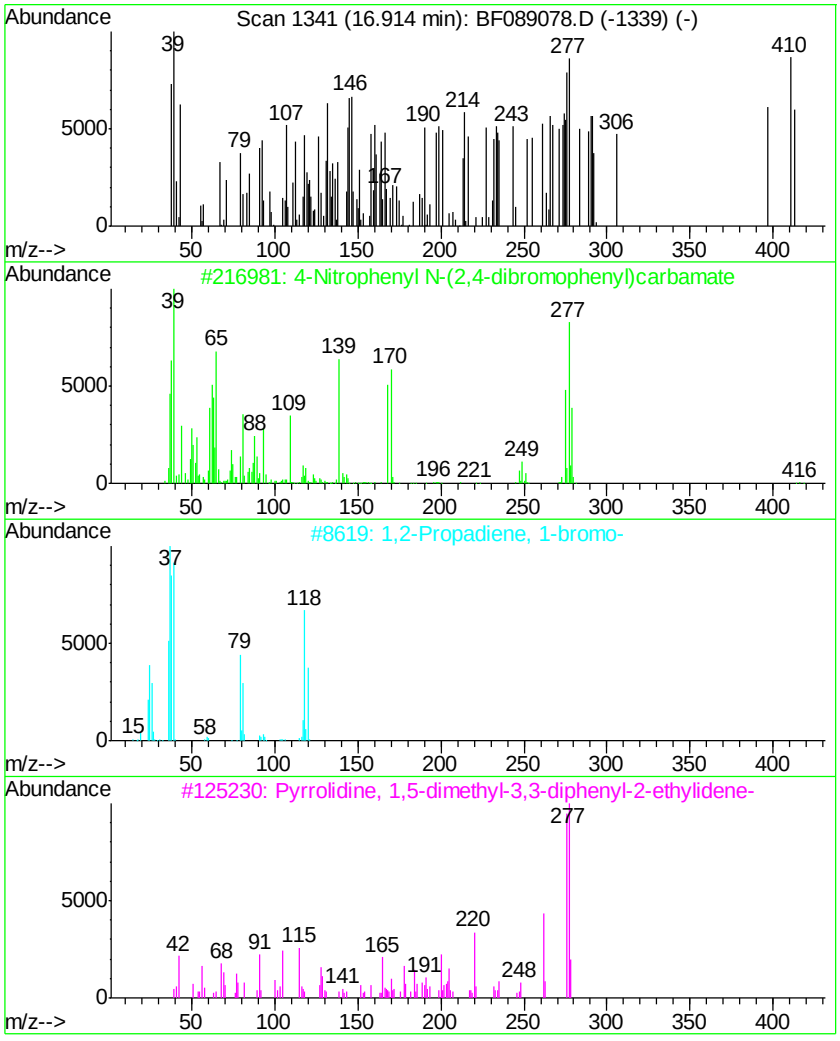
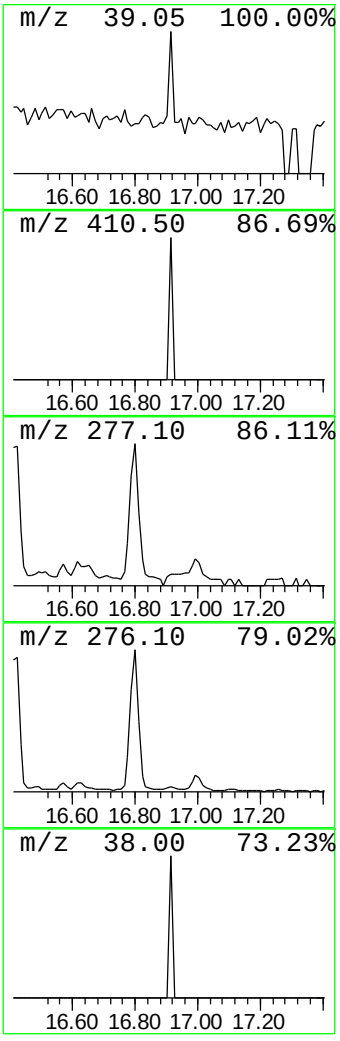
Peak Number 20 unknown16.91 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	2.99 ng	62601	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nitrophenyl N-(2,4-dibromophen...	414	C13H8Br2N2O4	1000224-61-5	38
2	1,2-Propadiene, 1-bromo-	118	C3H3Br	010024-18-7	27
3	Pyrrolidine, 1,5-dimethyl-3,3-di...	277	C20H23N	030223-73-5	14
4	4-Hydroxy-5,10-dioxo-3a,12a-dihy...	306	C18H10O5	1000148-52-0	11
5	Quinazolin-4(3H)-one, 3-(3-trifl...	290	C15H9F3N2O	024122-28-9	11





Tentatively Identified Compound (LSC) summary

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Data File : BF089078.D
Acq On : 17 Jul 2016 15:12
Operator : UM/SJ
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Misc :
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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	5.0	ng	87908	1	6.65	353962	20.0
unknown6.42	6.42	68.8	ng	1217190	1	6.65	353962	20.0
Tridecane	10.60	4.7	ng	96090	4	11.16	409323	20.0
Phenanthrene, 1-m...	11.77	3.3	ng	66717	4	11.16	409323	20.0
Phenanthrene, 2,5...	12.21	2.5	ng	51674	4	11.16	409323	20.0
Cyclopenta(def)ph...	12.30	3.3	ng	66749	4	11.16	409323	20.0
Pyrene, 1-methyl-	12.90	2.6	ng	116500	5	13.79	911816	20.0
unknown13.59	13.59	2.6	ng	119212	5	13.79	911816	20.0
1-Heptacosanol	13.66	3.1	ng	140096	5	13.79	911816	20.0
unknown14.57	14.57	4.4	ng	91342	6	15.15	418695	20.0
7,12-Dihydrobenzo...	14.64	4.1	ng	85763	6	15.15	418695	20.0
Heneicosane	15.58	2.8	ng	58822	6	15.15	418695	20.0
unknown16.13	16.13	5.2	ng	108243	6	15.15	418695	20.0
unknown16.91	16.91	3.0	ng	62601	6	15.15	418695	20.0