LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF081716\
Data File : BF089781.D
Acq On : 17 Aug 2016 23:26
Operator : UM/SJ
Sample : H4490-12
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-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-BF081616.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	1.667	6	7	16	rVV	1565367	3105633	8.90%	1.355%
2	1.793	16	18	83	rVB	12473801	34901767	100.00%	15.230%
3	4.844	281	285	294	rVB	2252057	3403772	9.75%	1.485%
4	5.279	320	323	325	rBV	9648842	9590307	27.48%	4.185%
5	6.330	412	415	418	rVB	8086489	9444215	27.06%	4.121%
6	6.467	424	427	429	rBV	9080325	11302850	32.38%	4.932%
7	6.696	445	447	450	rBV	4066466	3422893	9.81%	1.494%
8	6.856	459	461	463	rVV	10050484	8853696	25.37%	3.864%
9	7.267	494	497	499	rBV	5288255	6976885	19.99%	3.045%
10	7.370	503	506	509	rVB	276364	475626	1.36%	0.208%
11	7.988	557	560	562	rBV	3753494	4196604	12.02%	1.831%
12	9.062	652	654	657	rBV	9864375	11726740	33.60%	5.117%
13	9.405	681	684	686	rVB2	407700	440016	1.26%	0.192%
14	9.462	686	689	692	rBV	6031057	5579094	15.99%	2.435%
15	9.553	695	697	699	rVB	465337	562657	1.61%	0.246%
16	9.599	699	701	703	rBV	448489	612878	1.76%	0.267%
17	9.679	705	708	710	rVB2	352245	691426	1.98%	0.302%
18	9.736	710	713	715	rBV	5471586	5007631	14.35%	2.185%
19	10.182	751	752	754	rVB	327618	378092	1.08%	0.165%
20	10.456	775	776	778	rVB	1918867	1695402	4.86%	0.740%
21	10.513	778	781	784	rBV2	5410454	6931364	19.86%	3.025%
22	10.662	790	794	797	rBV3	347604	660853	1.89%	0.288%
23	10.971	817	821	824	rBV6	126100	377341	1.08%	0.165%
24	11.211	838	842	843	rBV	5218095	4756290	13.63%	2.076%
25	11.279	846	848	850	rVB	484116	564485	1.62%	0.246%
26	11.474	863	865	869	rVB	903592	1344646	3.85%	0.587%
27	11.542	869	871	873	rVB2	450802	537623	1.54%	0.235%
28	11.656	879	881	883	rVB2	976513	1276033	3.66%	0.557%
29	11.736	883	888	889	rBV2	1448430	2806877	8.04%	1.225%
30	11.771	889	891	894	rVV3	1957182	2788007	7.99%	1.217%
31	11.816	894	895	900	rVB	1699924	2776635	7.96%	1.212%
32	11.942	904	906	909	rVB	499940	547845	1.57%	0.239%
33	12.022	909	913	917	rVB4	378007	1223248	3.50%	0.534%
34	12.114	917	921	922	rBV3	274243	511045	1.46%	0.223%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF081716\
Data File : BF089781.D
Acq On : 17 Aug 2016 23:26
Operator : UM/SJ
Sample : H4490-12
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-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-BF081616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.182	926	927	931	rVB2	464126	937247	2.69%	0.409%
36	12.262	931	934	935	rBV	1721514	1861570	5.33%	0.812%
37	12.297	935	937	940	rVV2	1599306	2982159	8.54%	1.301%
38	12.342	940	941	944	rVV2	655448	990739	2.84%	0.432%
39	12.422	946	948	951	rVV	2258037	3088716	8.85%	1.348%
40	12.479	951	953	955	rVV2	567162	1207713	3.46%	0.527%
41	12.514	955	956	958	rVV2	536670	577652	1.66%	0.252%
42	12.548	958	959	961	rVV	1183814	1182402	3.39%	0.516%
43	12.605	963	964	965	rVV	396309	459941	1.32%	0.201%
44	12.639	965	967	971	rVV	4279527	5163152	14.79%	2.253%
45	12.708	971	973	975	rVB2	486378	563812	1.62%	0.246%
46	12.799	979	981	984	rVB	9474996	9468839	27.13%	4.132%
47	12.868	984	987	989	rBV	995349	1460816	4.19%	0.637%
48	12.914	990	991	992	rVV	360098	375168	1.07%	0.164%
49	12.971	992	996	998	rVB	1355325	2566386	7.35%	1.120%
50	13.039	998	1002	1004	rBV3	905856	1406203	4.03%	0.614%
51	13.074	1004	1005	1007	rVV	1392564	1306825	3.74%	0.570%
52	13.165	1012	1013	1015	rVV2	1365155	1584799	4.54%	0.692%
53	13.199	1015	1016	1018	rVB	1328153	984351	2.82%	0.430%
54	13.279	1021	1023	1028	rVB5	263662	569887	1.63%	0.249%
55	13.382	1028	1032	1035	rBV4	522509	1466334	4.20%	0.640%
56	13.485	1037	1041	1043	rVV2	631849	1244939	3.57%	0.543%
57	13.588	1048	1050	1054	rBV4	629023	1625146	4.66%	0.709%
58	13.657	1054	1056	1058	rVV3	548953	1004819	2.88%	0.438%
59	13.748	1062	1064	1070	rVB4	702635	1360626	3.90%	0.594%
60	13.851	1070	1073	1077	rBV3	3764771	9063713	25.97%	3.955%
61	13.954	1080	1082	1084	rBV2	258913	512229	1.47%	0.224%
62	14.045	1084	1090	1092	rVV5	263050	806469	2.31%	0.352%
63	14.194	1101	1103	1105	rBV2	223864	408005	1.17%	0.178%
64	14.262	1107	1109	1111	rBV	987993	1277077	3.66%	0.557%
65	14.297	1111	1112	1114	rVB	574344	648597	1.86%	0.283%
66	14.365	1114	1118	1119	rBV2	506118	625717	1.79%	0.273%
67	14.400	1119	1121	1125	rVV2	804287	1285839	3.68%	0.561%
68	14.708	1146	1148	1150	rVV	291112	359184	1.03%	0.157%
69	14.800	1153	1156	1158	rVV2	210395	483846	1.39%	0.211%
70	14.845	1158	1160	1164	rVB3	252728	508809	1.46%	0.222%
71	14.925	1164	1167	1170	rBV	1586417	3049247	8.74%	1.331%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H4490-12
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-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-BF081616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.051	1176	1178	1179	rBV	762911	638214	1.83%	0.278%
73	15.188	1188	1190	1193	rVB	967508	1187815	3.40%	0.518%
74	15.245	1193	1195	1198	rBV	1603761	1772583	5.08%	0.774%
75	15.303	1198	1200	1202	rBV	2440862	3142956	9.01%	1.372%
76	15.394	1206	1208	1211	rVB2	299595	588012	1.68%	0.257%
77	15.463	1211	1214	1215	rBV2	270857	502696	1.44%	0.219%
78	15.588	1222	1225	1227	rBV3	190188	413441	1.18%	0.180%
79	15.794	1240	1243	1245	rBV2	802851	1439089	4.12%	0.628%
80	16.445	1297	1300	1303	rBV2	169677	373299	1.07%	0.163%
81	16.594	1310	1313	1317	rVB2	655978	1210236	3.47%	0.528%
82	16.674	1317	1320	1325	rVB4	168312	374147	1.07%	0.163%
83	16.766	1325	1328	1329	rBV2	215187	435555	1.25%	0.190%
84	16.983	1344	1347	1352	rVB	623464	1217509	3.49%	0.531%
85	17.166	1359	1363	1369	rVB2	509008	1490978	4.27%	0.651%
86	17.783	1413	1417	1422	rVB3	146987	435586	1.25%	0.190%

Sum of corrected areas: 229161565

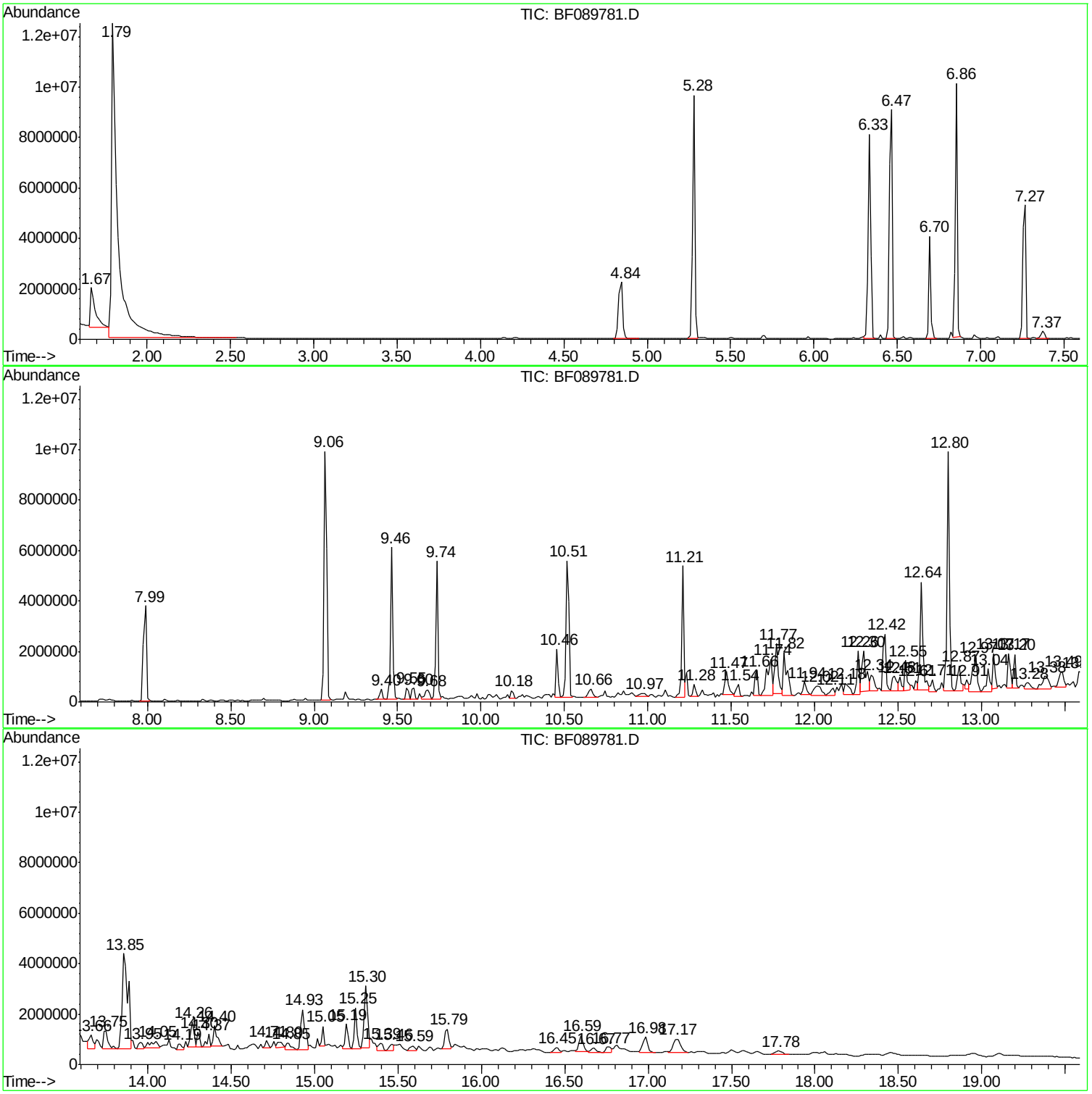
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\Data\BF081716\
Data File : BF089781.D
Acq On : 17 Aug 2016 23:26
Operator : UM/SJ
Sample : H4490-12
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.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\BF081716\
Data File : BF089781.D
Acq On : 17 Aug 2016 23:26
Operator : UM/SJ
Sample : H4490-12
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

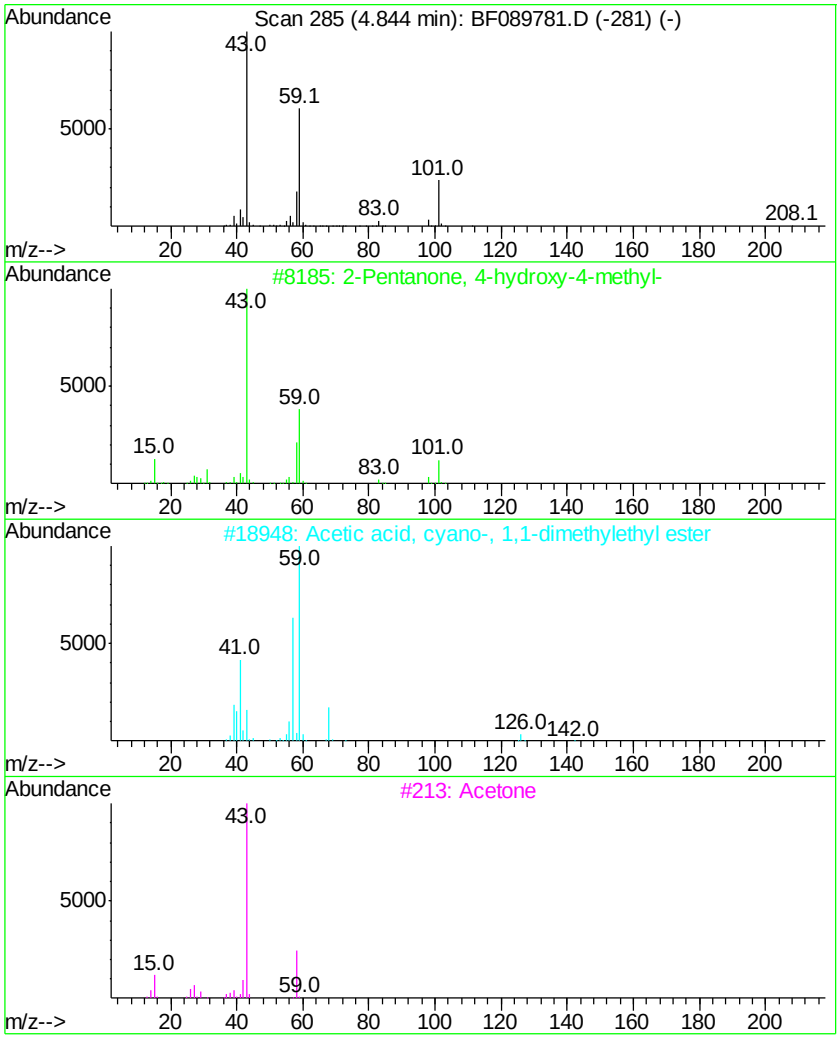
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

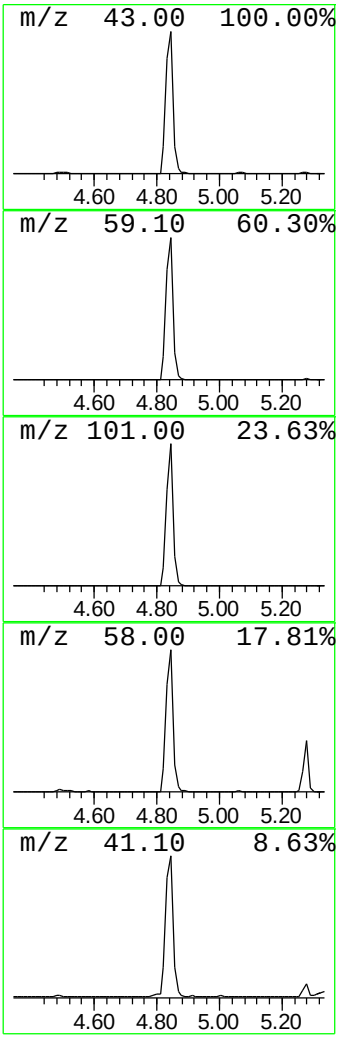
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	19.89 ng	3403770	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Acetone	58	C3H6O	000067-64-1	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF081716\
Data File : BF089781.D
Acq On : 17 Aug 2016 23:26
Operator : UM/SJ
Sample : H4490-12
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

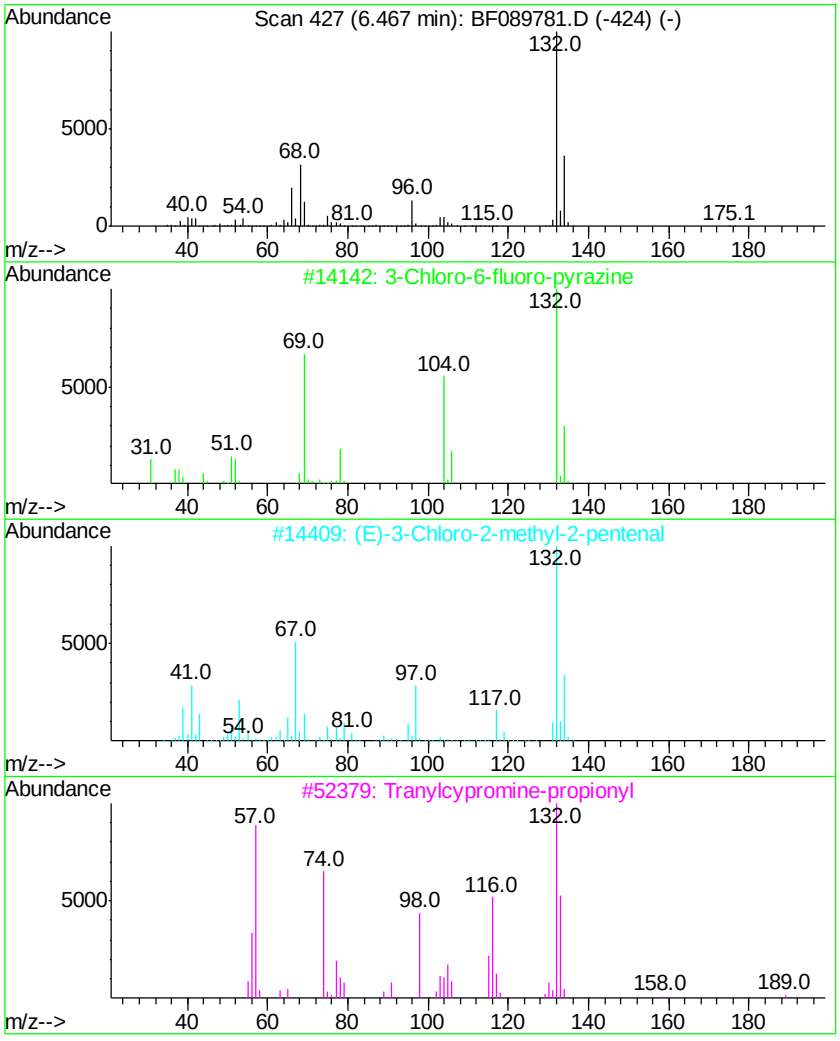
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

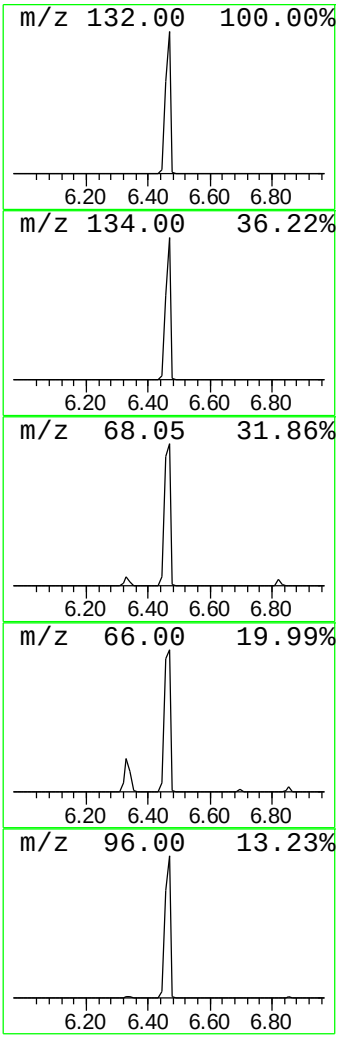
****

Peak Number 4 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	66.04 ng	11302900	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12





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Data File : BF089781.D
Acq On : 17 Aug 2016 23:26
Operator : UM/SJ
Sample : H4490-12
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

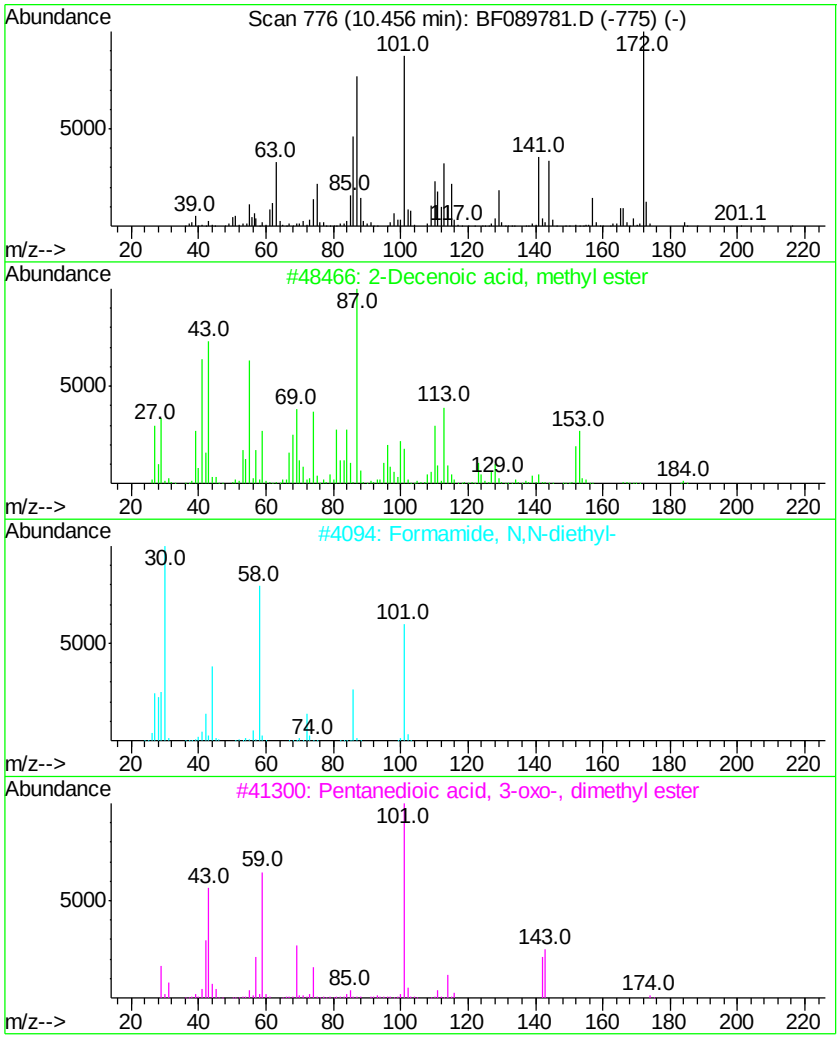
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

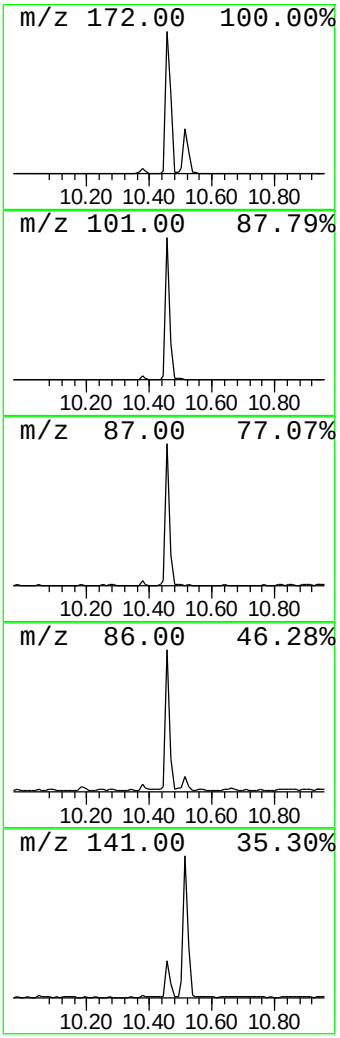
****

Peak Number 6 unknown10.46 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	6.77 ng	1695400	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenoic acid, methyl ester	184	C11H20O2	002482-39-5	25
2	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	14
3	Pentanedioic acid, 3-oxo-, dimet...	174	C7H10O5	001830-54-2	11
4	2-Aminocaprylic acid, N-methoxyc...	385	C22H43NO4	1000325-44-2	10
5	2-Aminocaprylic acid, N-methoxyc...	301	C16H31NO4	1000325-43-6	10





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Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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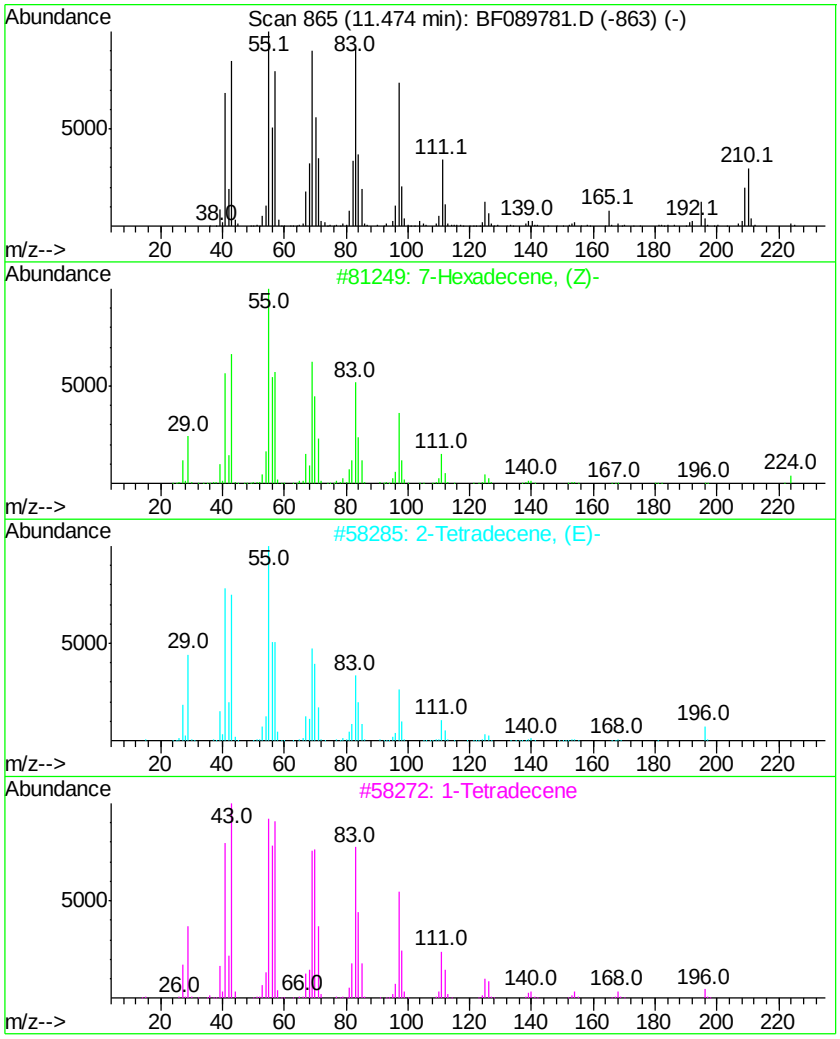
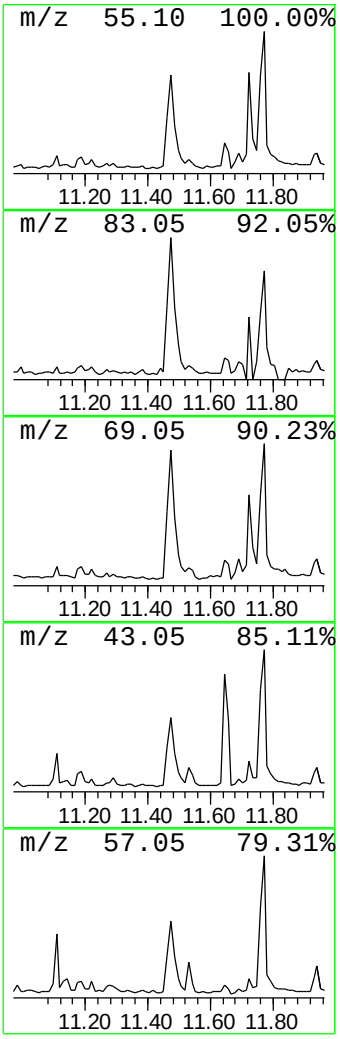
****

Peak Number 7 7-Hexadecene, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	5.65 ng	1344650	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	98
2	2-Tetradecene, (E)-	196	C14H28	035953-54-9	96
3	1-Tetradecene	196	C14H28	001120-36-1	93
4	Cyclotetradecane	196	C14H28	000295-17-0	93
5	1-Hexadecanol	242	C16H34O	036653-82-4	93





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Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

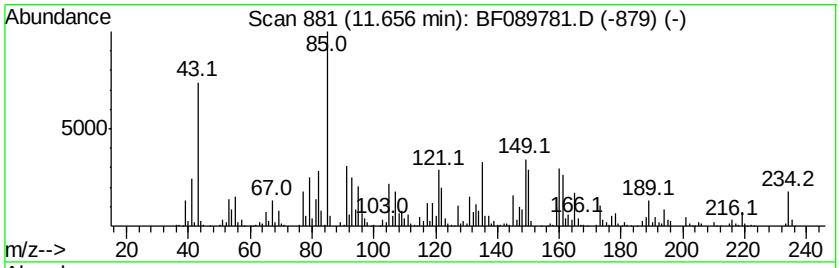
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

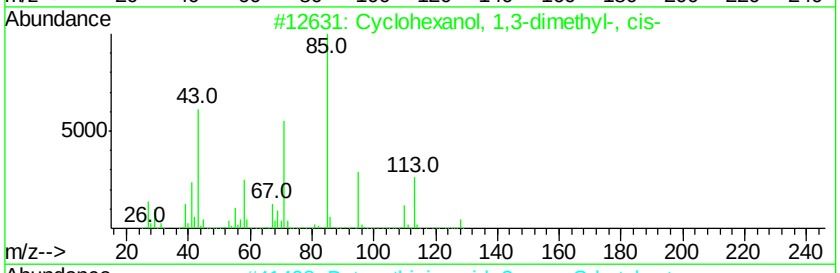
****

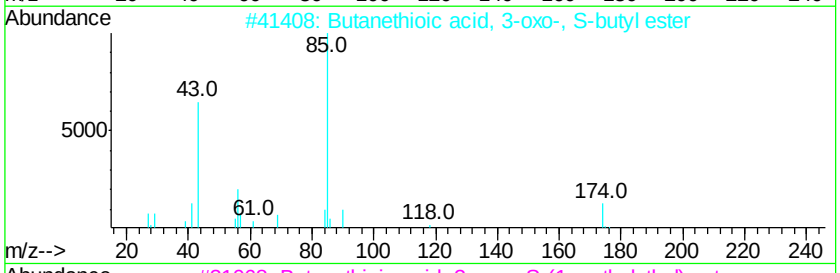
Peak Number 8 unknown11.66 Concentration Rank 17

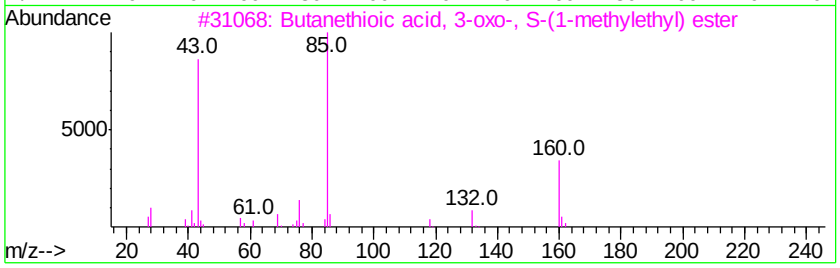
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	5.37 ng	1276030	Phenanthrene-d10	11.21

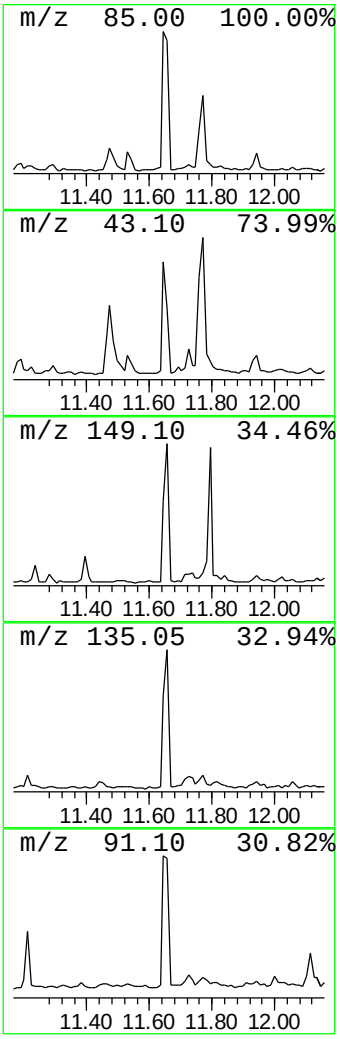
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	27
2	Butanethioic acid, 3-oxo-, S-but...	174	C8H14O2S	015780-63-9	25
3	Butanethioic acid, 3-oxo-, S-(1-...	160	C7H12O2S	015780-62-8	25
4	2(3H)-Furanone, dihydro-5-(2-oct...	196	C12H20O2	018679-18-0	25
5	2,6,10-Trimethyl-3-oxo-12-(tetra...	366	C21H34O5	165966-74-5	22











Data Path : Z:\HPCHEM1\BNA F\Data\BF081716\
Data File : BF089781.D
Acq On : 17 Aug 2016 23:26
Operator : UM/SJ
Sample : H4490-12
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.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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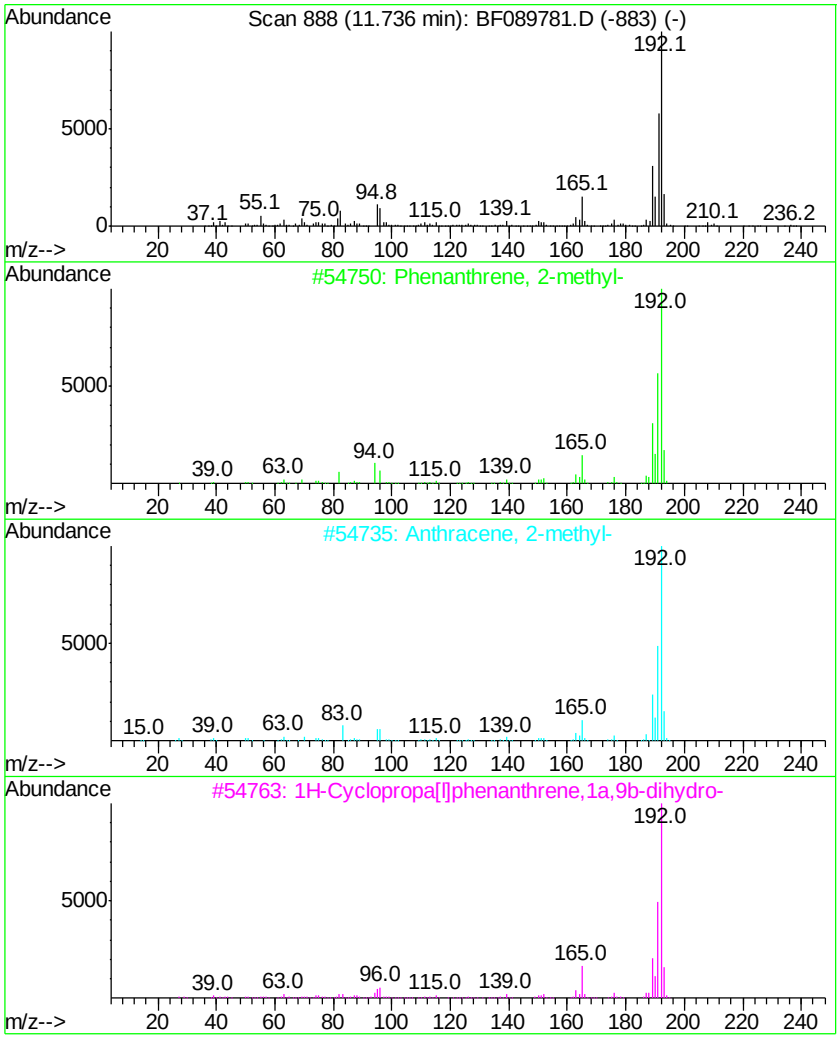
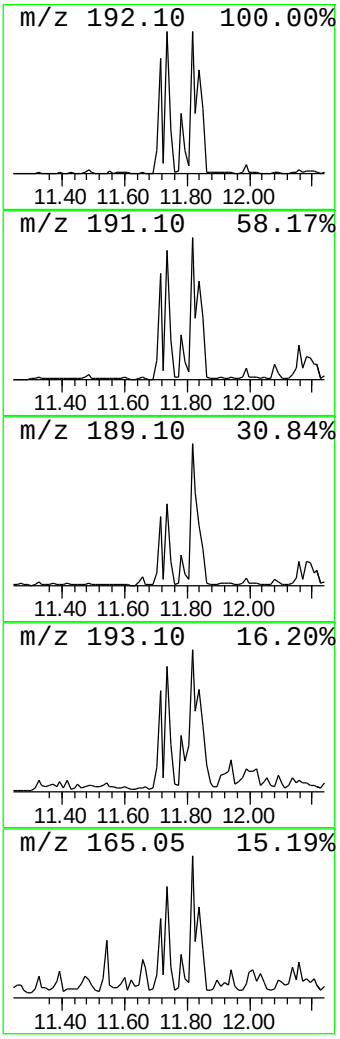
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	11.80 ng	2806880	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





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Sample : H4490-12
Misc :
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ClientSampleId : 670-UNDERCLIFF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.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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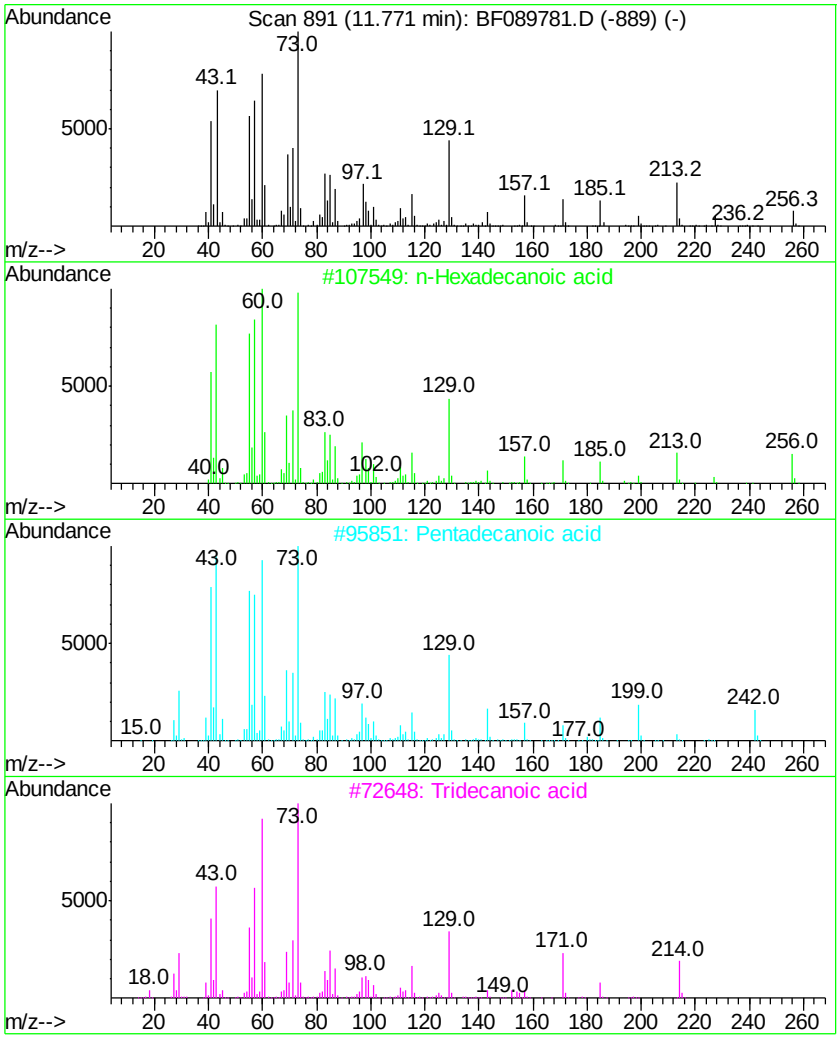
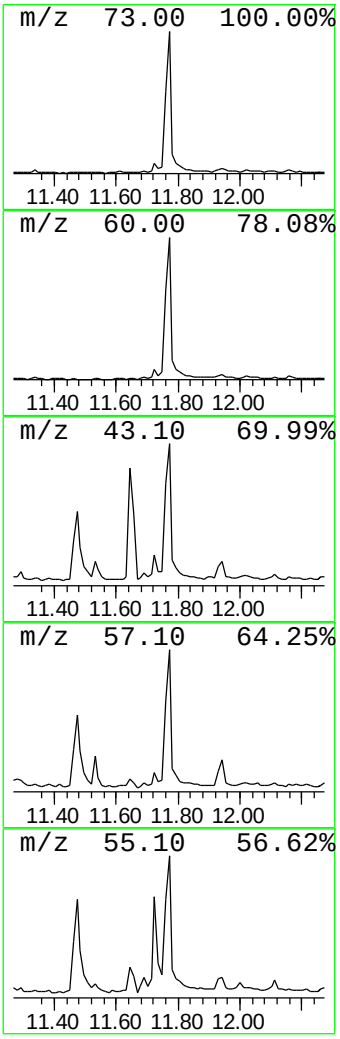
Peak Number 10 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	11.72 ng	2788010	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





Library Search Compound Report

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Operator : UM/SJ
Sample : H4490-12
Misc :
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Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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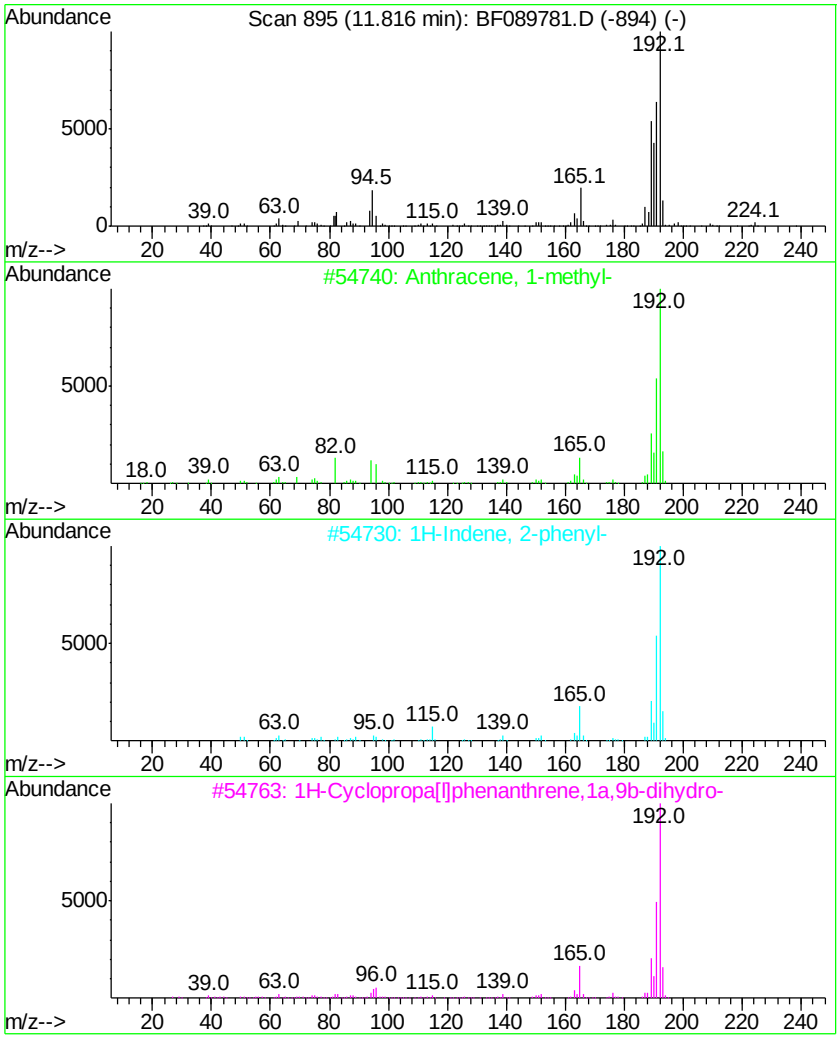
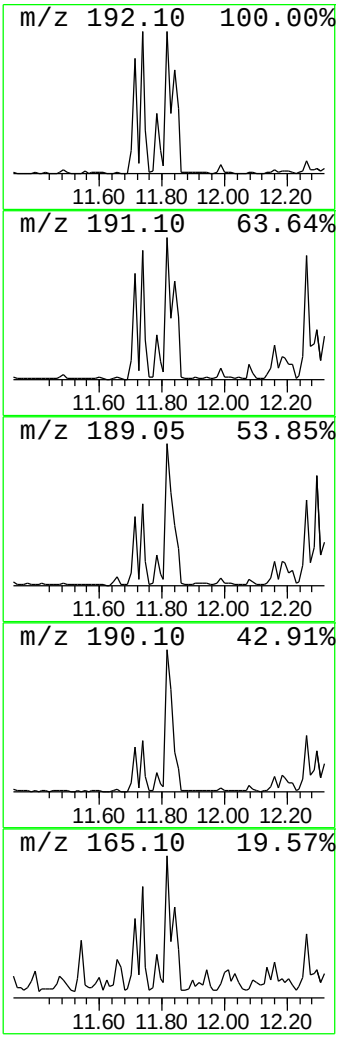
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	11.68 ng	2776640	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53





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Sample : H4490-12
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Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-6

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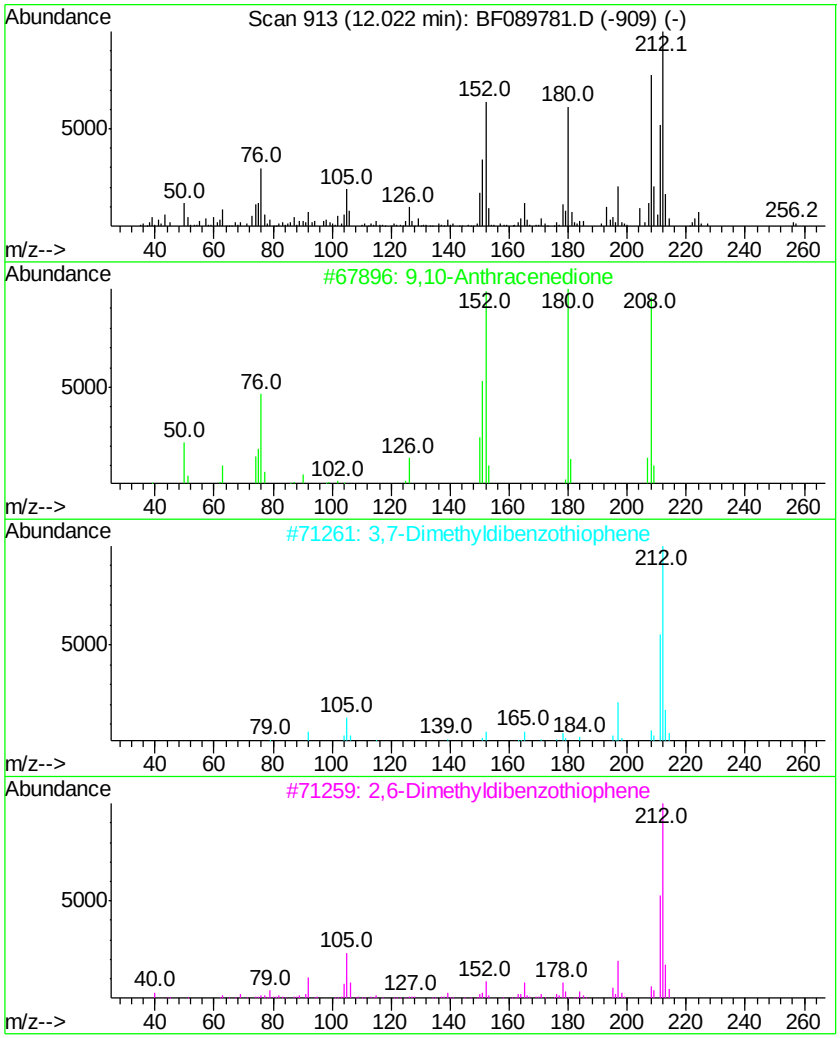
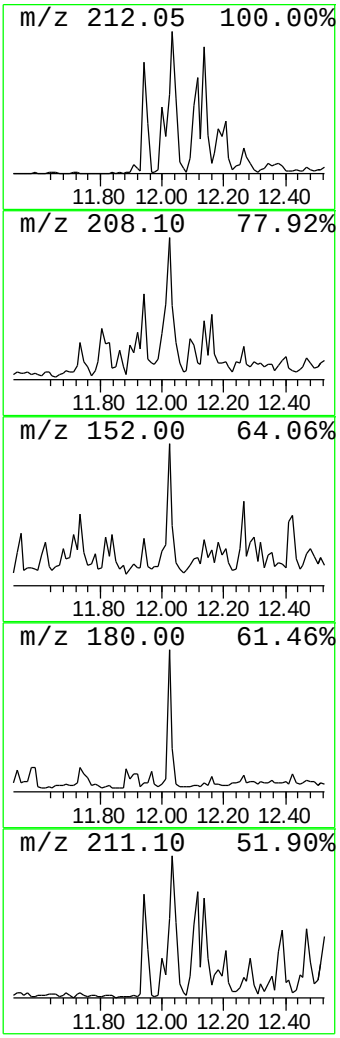
Peak Number 12 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.14 ng	1223250	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	83
3	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	62
5	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	56





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ALS Vial : 52 Sample Multiplier: 1

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ClientSampleId : 670-UNDERCLIFF-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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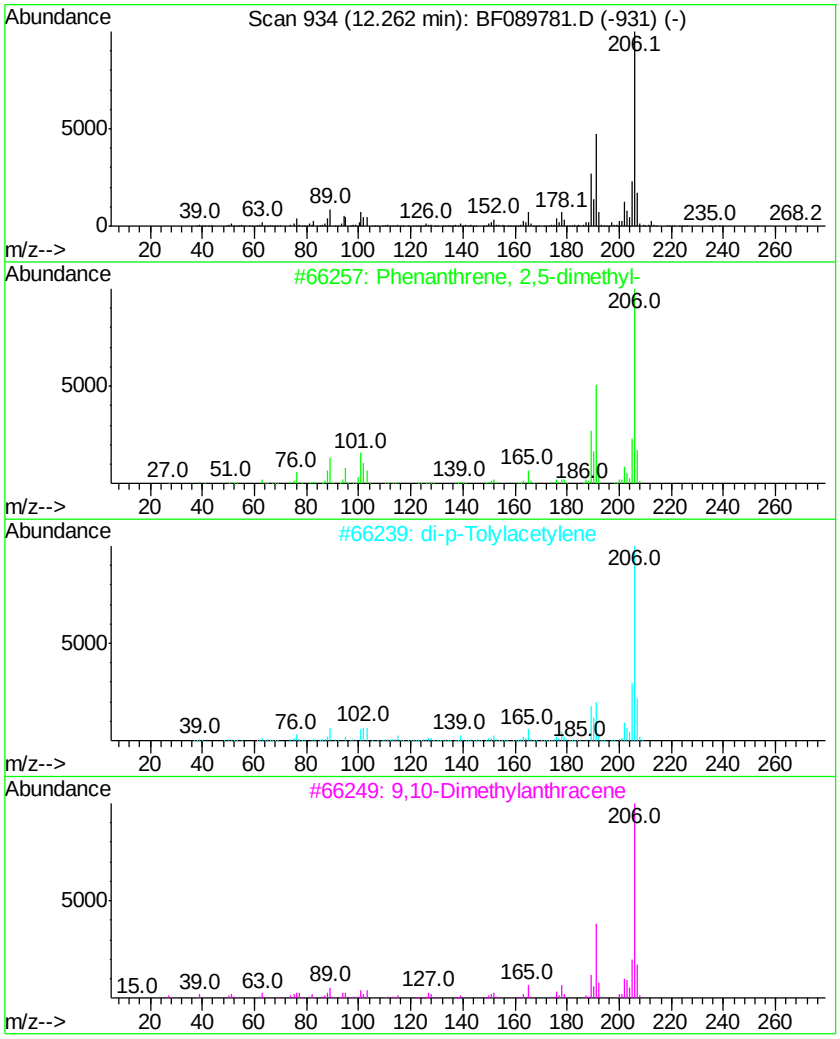
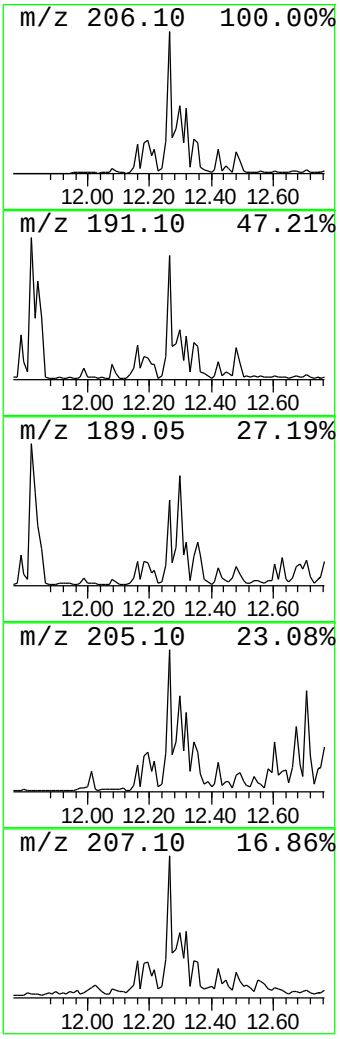
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	7.83 ng	1861570	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
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 : H4490-12
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
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TIC Library : C:\Database\NIST11.L
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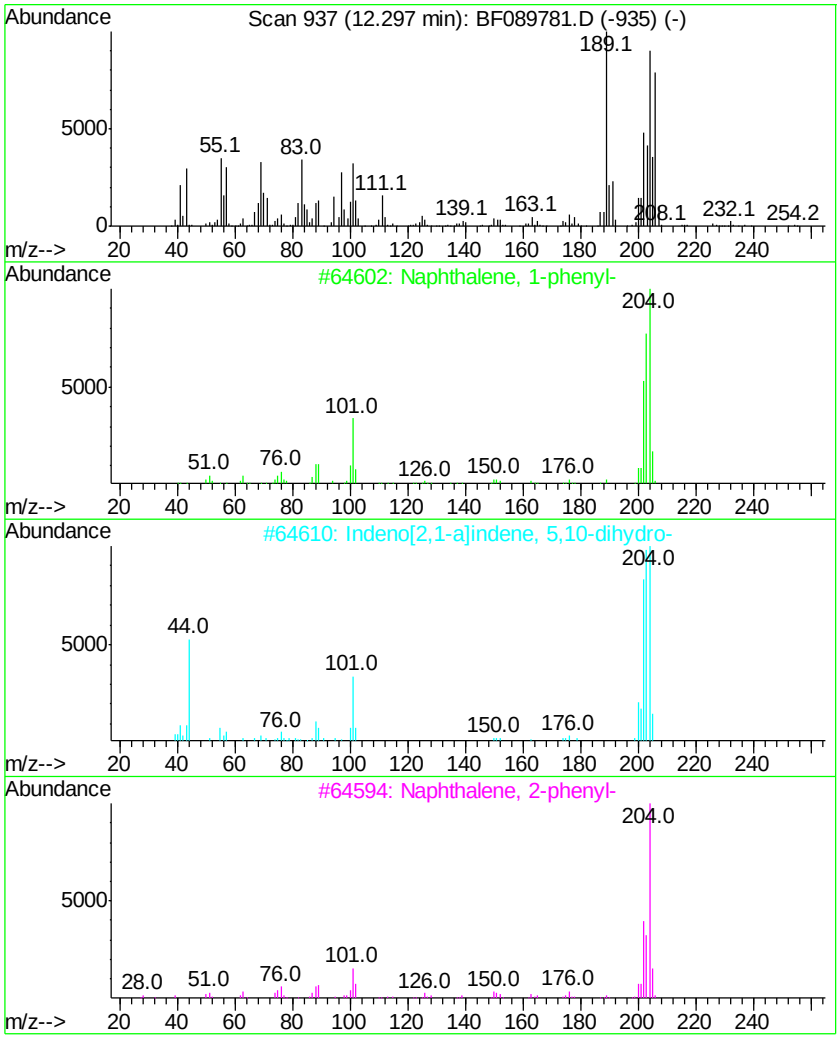
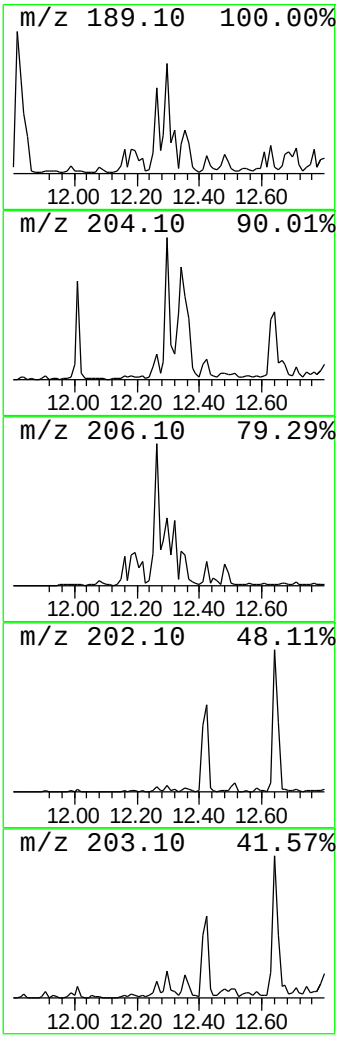
Peak Number 14 unknown12.30 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	12.54 ng	2982160	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	44
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	41
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38





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Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-6

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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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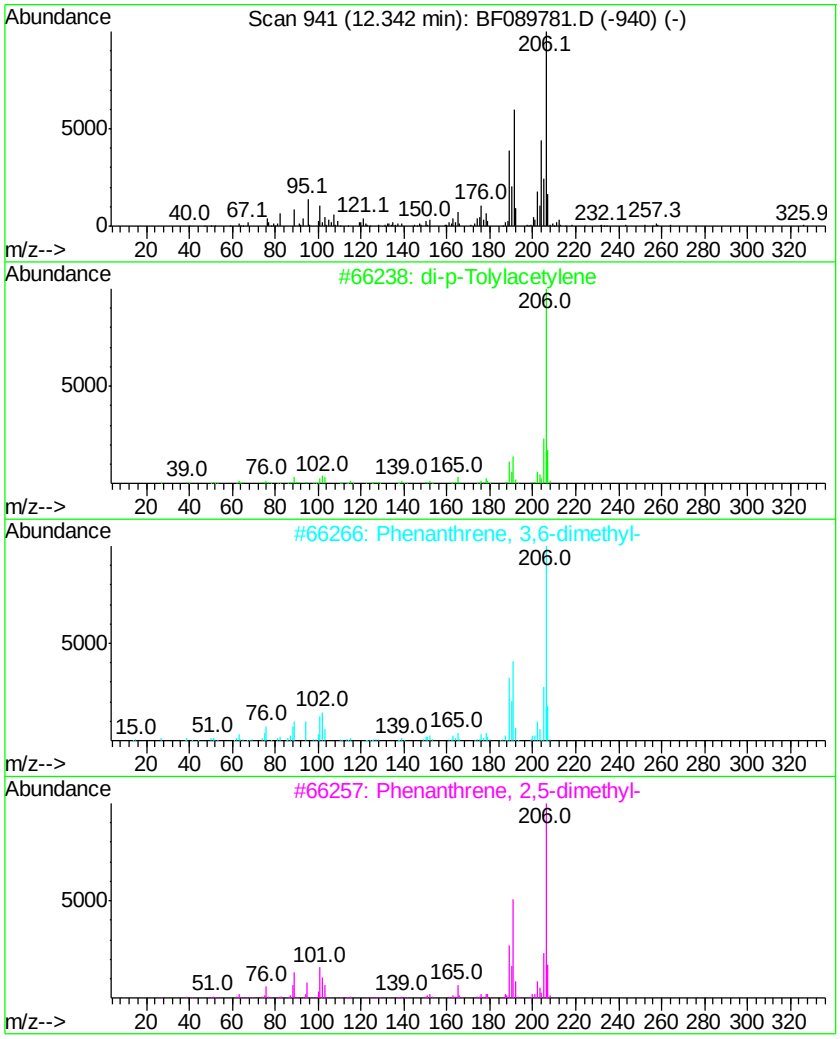
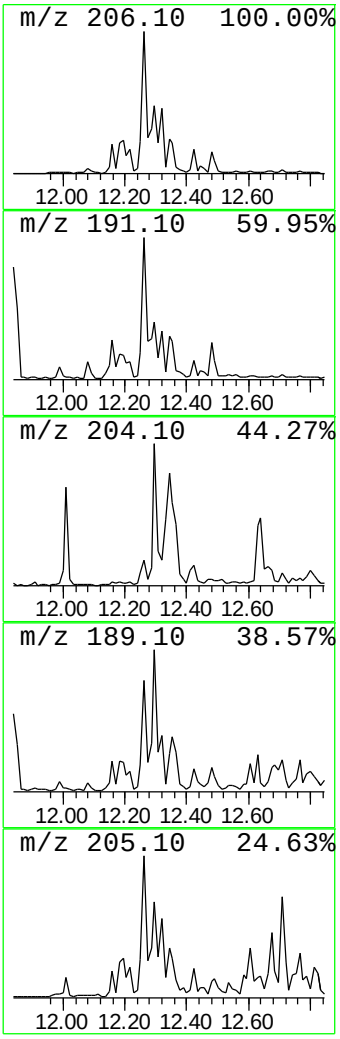
Peak Number 15 di-p-Tolylacetylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	4.17 ng	990739	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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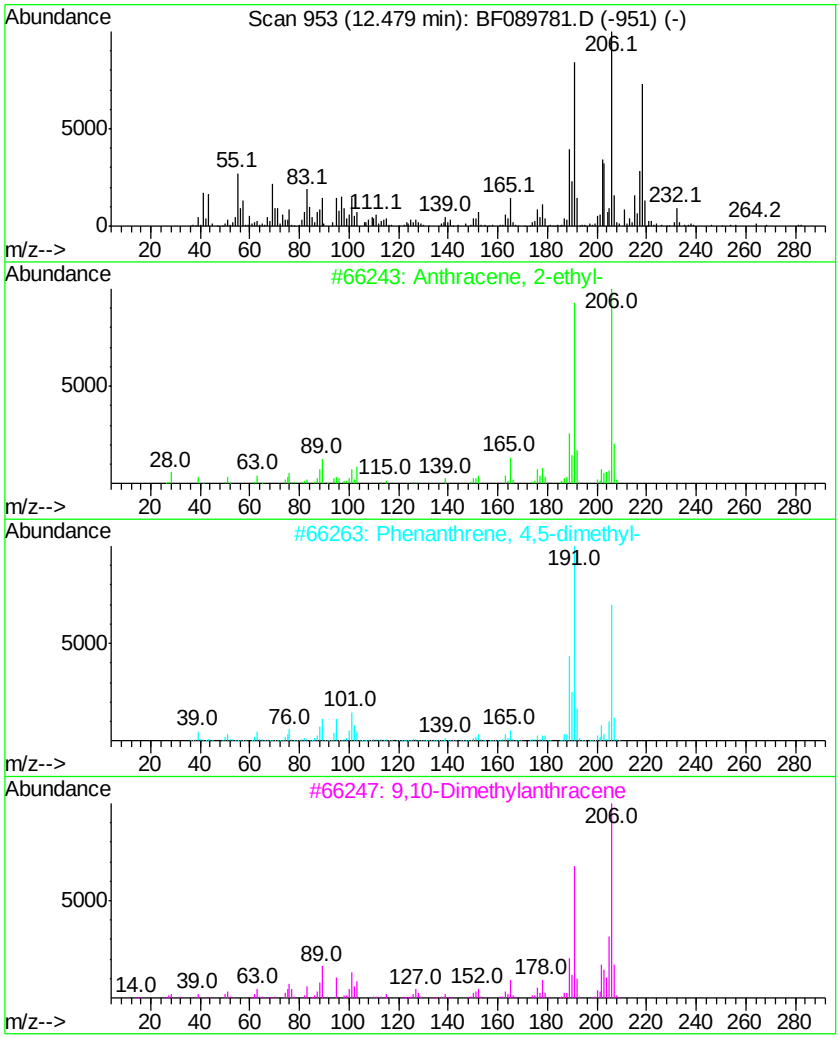
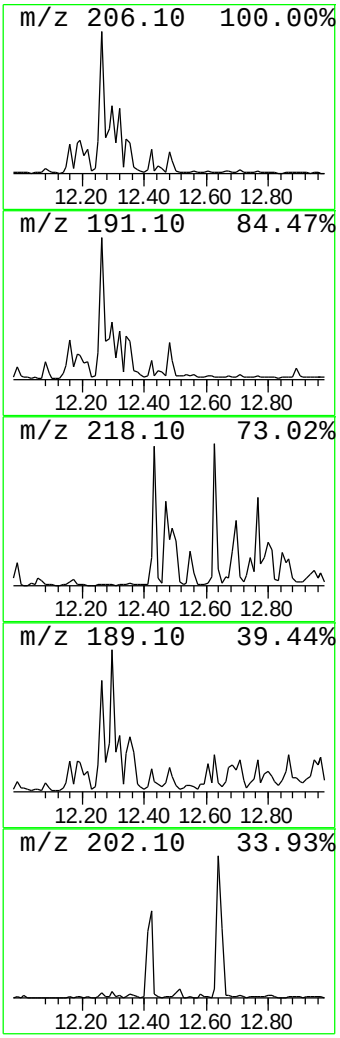
Peak Number 16 Anthracene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	5.08 ng	1207710	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	95
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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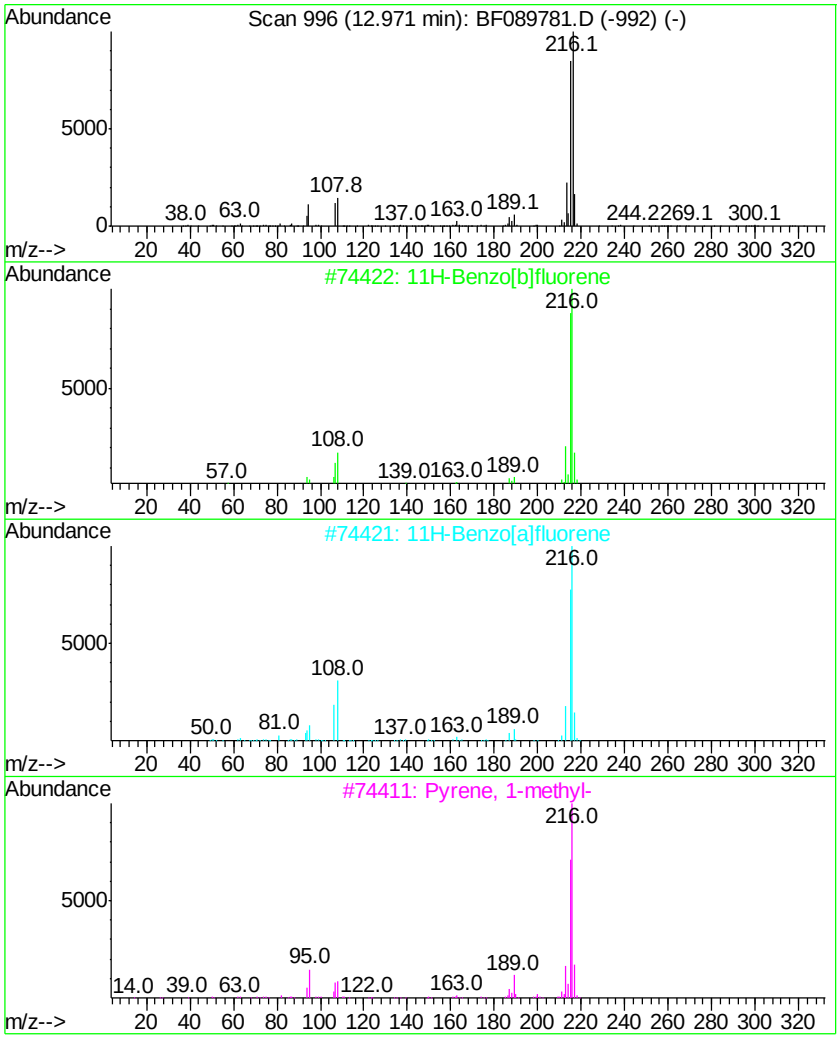
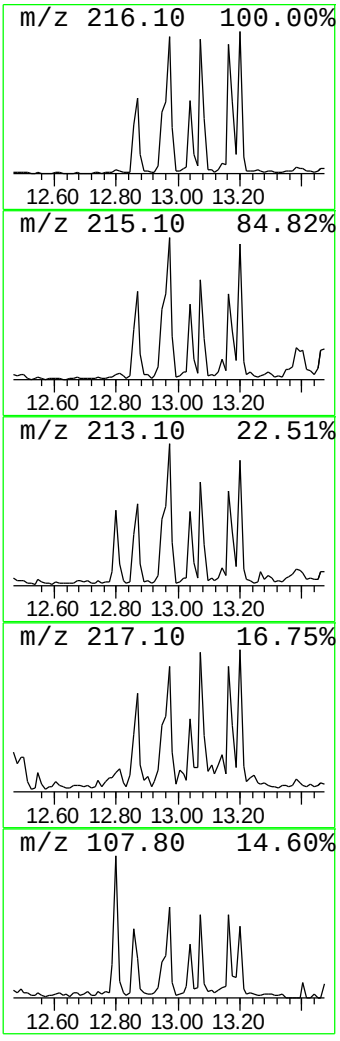
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	5.66 ng	2566390	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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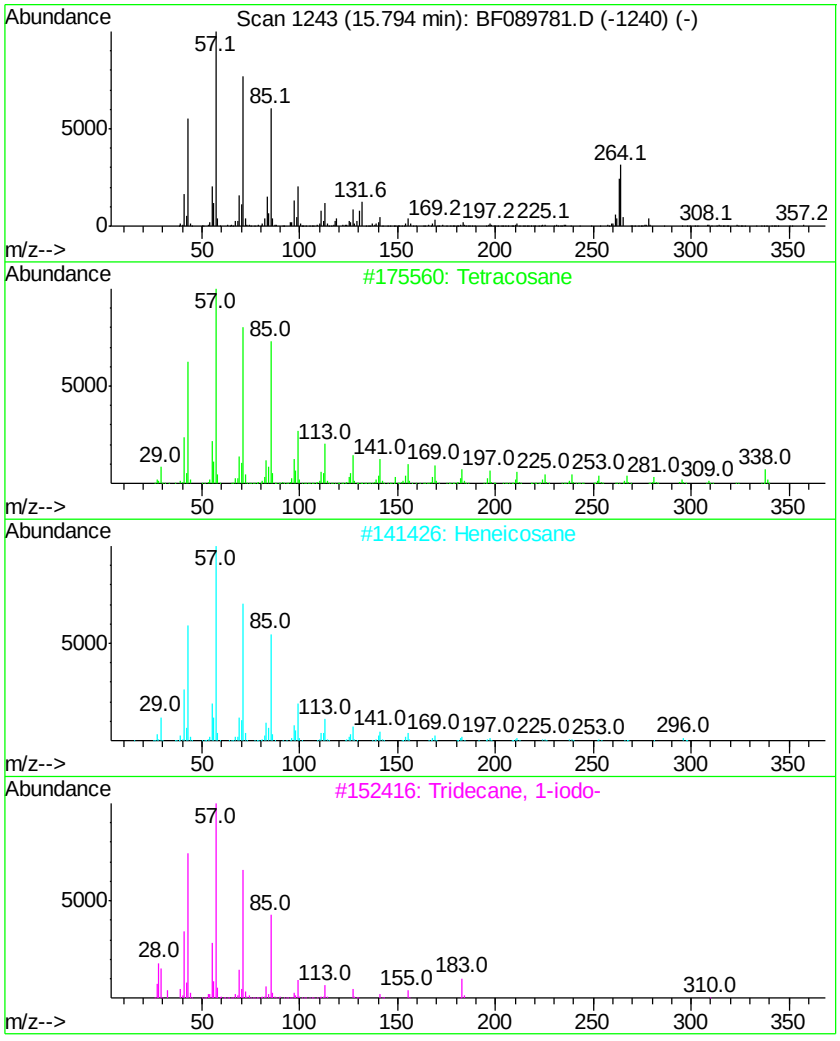
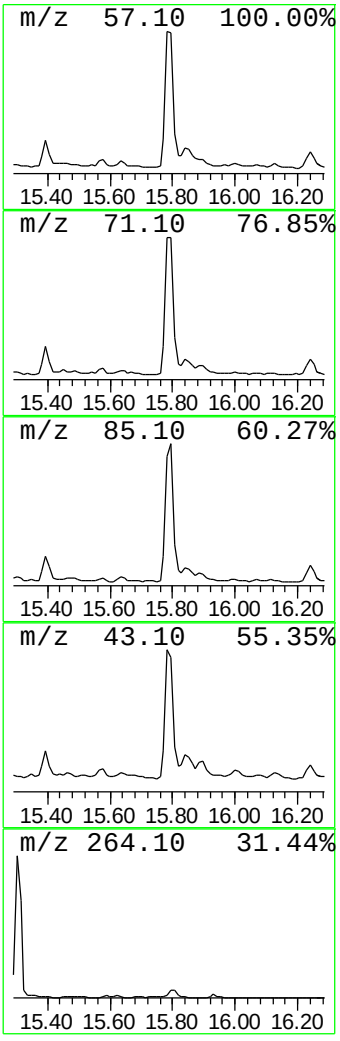
Peak Number 19 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	9.16 ng	1439090	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	64
2	Heneicosane	296	C21H44	000629-94-7	64
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	60
4	2-methyloctacosane	408	C29H60	1000376-72-8	58
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	52





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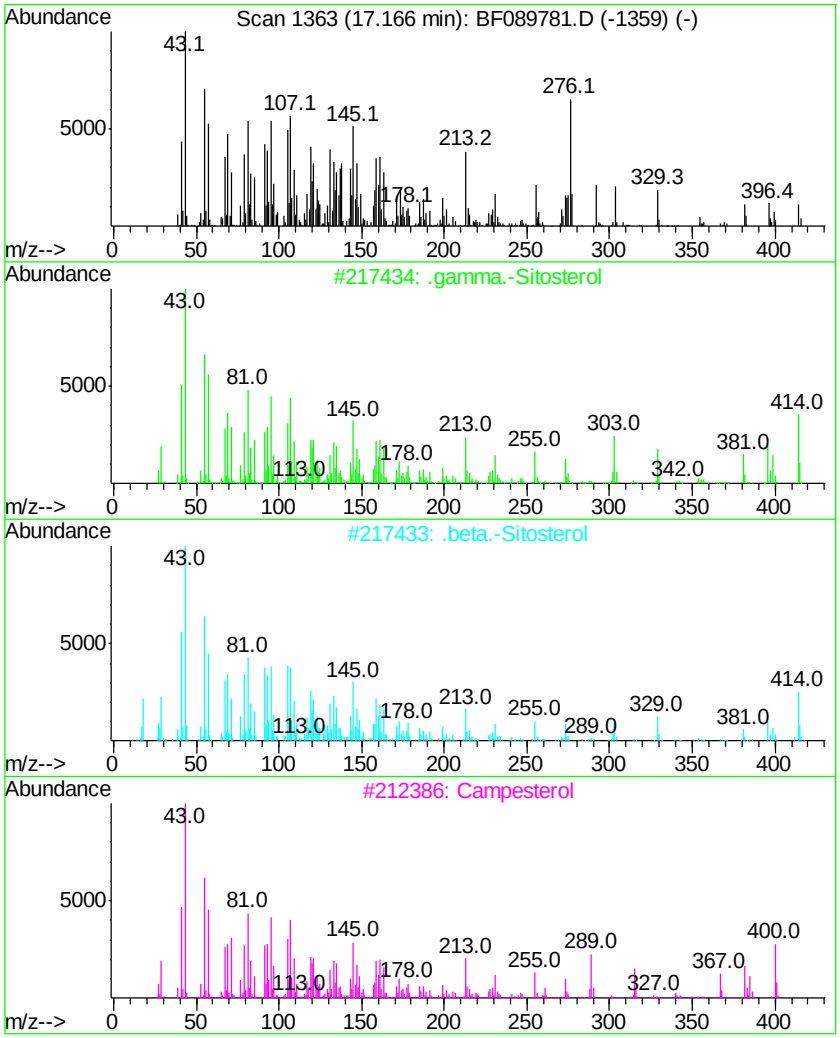
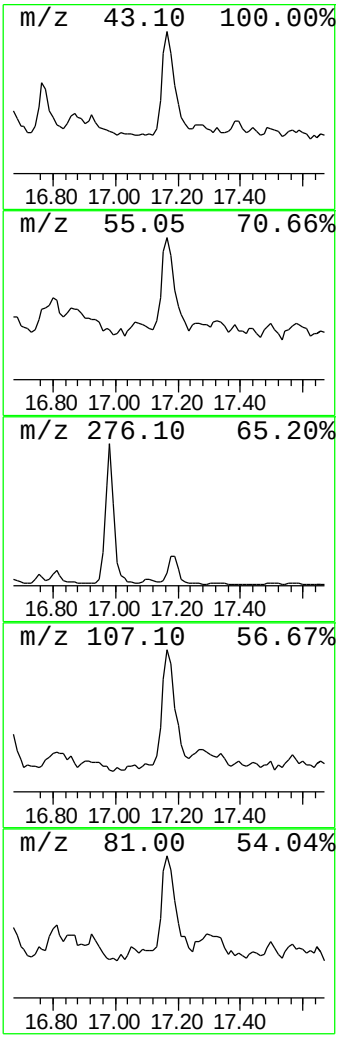
Peak Number 20 .gamma.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	9.49 ng	1490980	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	95
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	91
3	Campesterol	400	C28H48O	000474-62-4	47
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	47
5	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081716\
Data File : BF089781.D
Acq On : 17 Aug 2016 23:26
Operator : UM/SJ
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Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.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...	4.84	19.9	ng	3403770	1	6.70	3422890	20.0
unknown6.47	6.47	66.0	ng	11302900	1	6.70	3422890	20.0
unknown10.46	10.46	6.8	ng	1695400	3	9.74	5007630	20.0
7-Hexadecene, (Z)-	11.47	5.7	ng	1344650	4	11.21	4756290	20.0
unknown11.66	11.66	5.4	ng	1276030	4	11.21	4756290	20.0
Phenanthrene, 2-m...	11.74	11.8	ng	2806880	4	11.21	4756290	20.0
n-Hexadecanoic acid	11.77	11.7	ng	2788010	4	11.21	4756290	20.0
Anthracene, 1-met...	11.82	11.7	ng	2776640	4	11.21	4756290	20.0
9,10-Anthracenedione	12.02	5.1	ng	1223250	4	11.21	4756290	20.0
Phenanthrene, 2,5...	12.26	7.8	ng	1861570	4	11.21	4756290	20.0
unknown12.30	12.30	12.5	ng	2982160	4	11.21	4756290	20.0
di-p-Tolylacetylene	12.34	4.2	ng	990739	4	11.21	4756290	20.0
Anthracene, 2-ethyl-	12.48	5.1	ng	1207710	4	11.21	4756290	20.0
11H-Benzo[b]fluorene	12.97	5.7	ng	2566390	5	13.86	9063710	20.0
Tetracosane	15.79	9.2	ng	1439090	6	15.30	3142960	20.0
.gamma.-Sitosterol	17.17	9.5	ng	1490980	6	15.30	3142960	20.0