LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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	1768112	3551205	8.60%	1.742%
2	1.793	16	18	85	rVB	13925001	41290248	100.00%	20.256%
3	4.844	282	285	295	rVB	2333599	3610889	8.75%	1.771%
4	5.279	320	323	325	rBV	9992005	10290108	24.92%	5.048%
5	6.330	412	415	418	rVB	8515860	10193228	24.69%	5.001%
6	6.467	424	427	429	rBV	9036189	11864341	28.73%	5.820%
7	6.696	445	447	449	rBV	3999954	3253760	7.88%	1.596%
8	6.856	459	461	463	rVB	10697974	9609479	23.27%	4.714%
9	7.268	494	497	499	rBV	6075143	7735308	18.73%	3.795%
10	7.382	503	507	509	rVV	297157	552823	1.34%	0.271%
11	7.988	557	560	562	rBV	3555159	4098309	9.93%	2.011%
12	9.062	652	654	657	rBV	10825233	12801202	31.00%	6.280%
13	9.462	686	689	691	rBV	6338424	5654045	13.69%	2.774%
14	9.668	705	707	710	rVB2	274866	518513	1.26%	0.254%
15	9.736	710	713	715	rBV	5198598	4782382	11.58%	2.346%
16	10.514	779	781	784	rVB2	6014652	7201643	17.44%	3.533%
17	10.662	790	794	797	rBV2	417282	655831	1.59%	0.322%
18	11.211	838	842	843	rBV	5134586	4888249	11.84%	2.398%
19	11.737	882	888	889	rBV2	853029	1774354	4.30%	0.870%
20	11.771	889	891	894	rVV3	1957853	2740225	6.64%	1.344%
21	11.817	894	895	900	rVB	932332	1405623	3.40%	0.690%
22	11.942	904	906	909	rVV	384472	475183	1.15%	0.233%
23	11.999	909	911	917	rVB5	313756	841386	2.04%	0.413%
24	12.114	917	921	922	rBV3	651443	807606	1.96%	0.396%
25	12.182	926	927	931	rVB2	277450	475803	1.15%	0.233%
26	12.262	931	934	935	rBV	809381	976640	2.37%	0.479%
27	12.297	935	937	938	rVV	607106	801055	1.94%	0.393%
28	12.331	938	940	941	rVV2	322517	617851	1.50%	0.303%
29	12.411	945	947	951	rVV	1696471	1956972	4.74%	0.960%
30	12.468	951	952	955	rVV2	439813	942244	2.28%	0.462%
31	12.514	955	956	957	rVV	540324	473794	1.15%	0.232%
32	12.548	957	959	963	rVV3	1045388	1321569	3.20%	0.648%
33	12.639	963	967	968	rVV	3248271	3499504	8.48%	1.717%
34	12.662	968	969	971	rVV2	1419686	1529604	3.70%	0.750%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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	12.800	979	981	984	rVB	10184282	10920513	26.45%	5.357%
36	12.868	984	987	990	rBV2	530009	859097	2.08%	0.421%
37	12.971	992	996	998	rVB	761405	1315528	3.19%	0.645%
38	13.040	998	1002	1004	rBV3	442846	703832	1.70%	0.345%
39	13.074	1004	1005	1007	rVB	838544	682706	1.65%	0.335%
40	13.165	1012	1013	1015	rVV	721803	691205	1.67%	0.339%
41	13.200	1015	1016	1018	rVV	701323	557007	1.35%	0.273%
42	13.291	1018	1024	1028	rVB5	291215	803631	1.95%	0.394%
43	13.382	1028	1032	1035	rBV5	290656	949149	2.30%	0.466%
44	13.485	1037	1041	1043	rVV2	293143	649161	1.57%	0.318%
45	13.588	1048	1050	1054	rBV3	328340	980132	2.37%	0.481%
46	13.657	1054	1056	1059	rVV4	1094290	1449952	3.51%	0.711%
47	13.748	1062	1064	1070	rVB5	639227	1142988	2.77%	0.561%
48	13.862	1070	1074	1078	rBV2	3671573	6777476	16.41%	3.325%
49	14.274	1107	1110	1111	rBV	567490	564678	1.37%	0.277%
50	14.411	1120	1122	1124	rBV2	399716	711485	1.72%	0.349%
51	14.937	1166	1168	1175	rBV	808171	1716683	4.16%	0.842%
52	15.074	1178	1180	1182	rVV	697307	819108	1.98%	0.402%
53	15.211	1190	1192	1194	rVV	512902	595886	1.44%	0.292%
54	15.268	1194	1197	1199	rVV	594100	858773	2.08%	0.421%
55	15.325	1199	1202	1208	rVB	2637246	3200473	7.75%	1.570%
56	15.817	1242	1245	1248	rBV	708225	1155714	2.80%	0.567%
57	16.617	1312	1315	1319	rVB2	313407	621373	1.50%	0.305%
58	16.994	1345	1348	1354	rVB	334864	699454	1.69%	0.343%
59	17.200	1362	1366	1373	rBV	427640	1221222	2.96%	0.599%

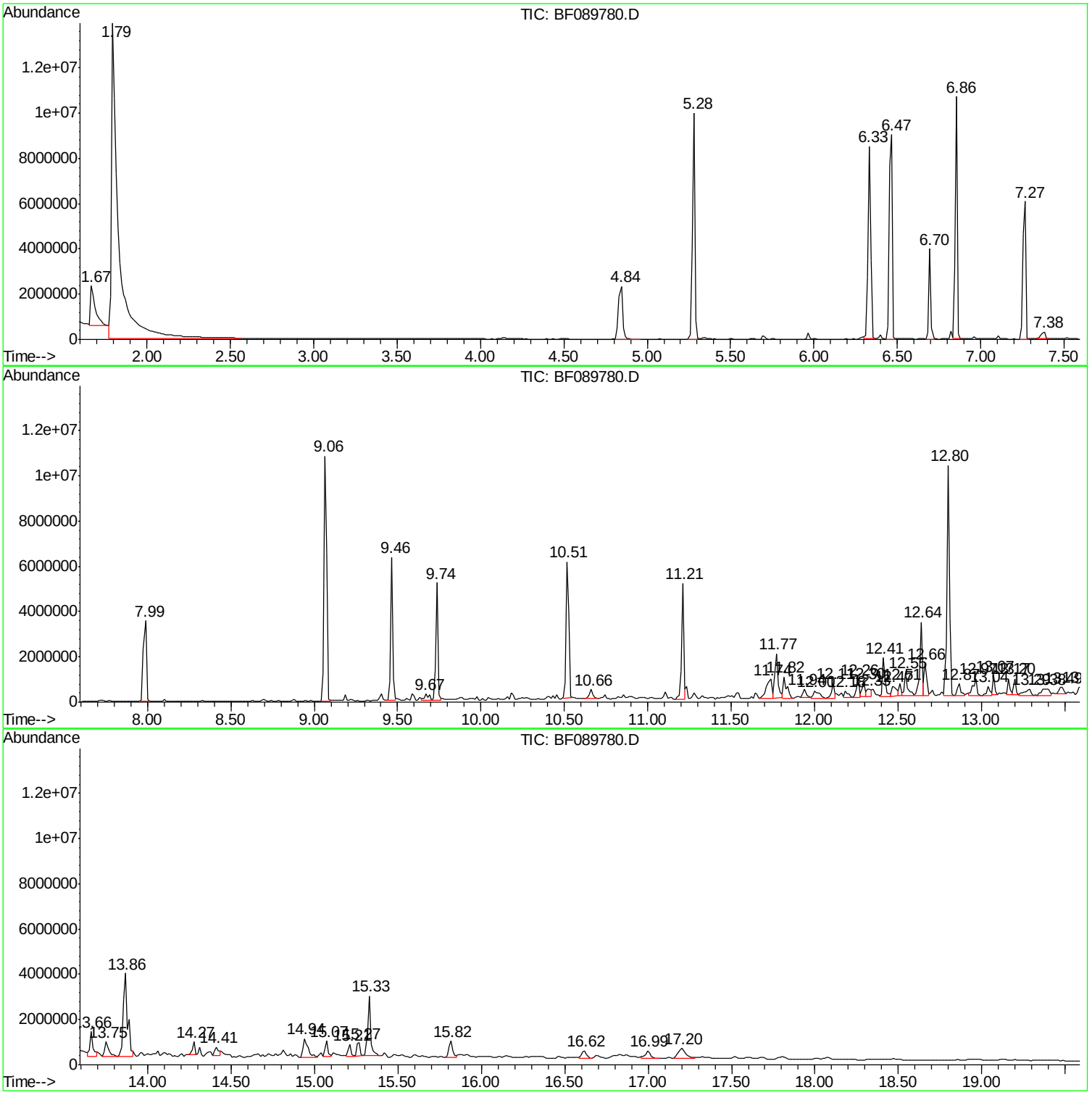
Sum of corrected areas: 203838202

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-5

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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

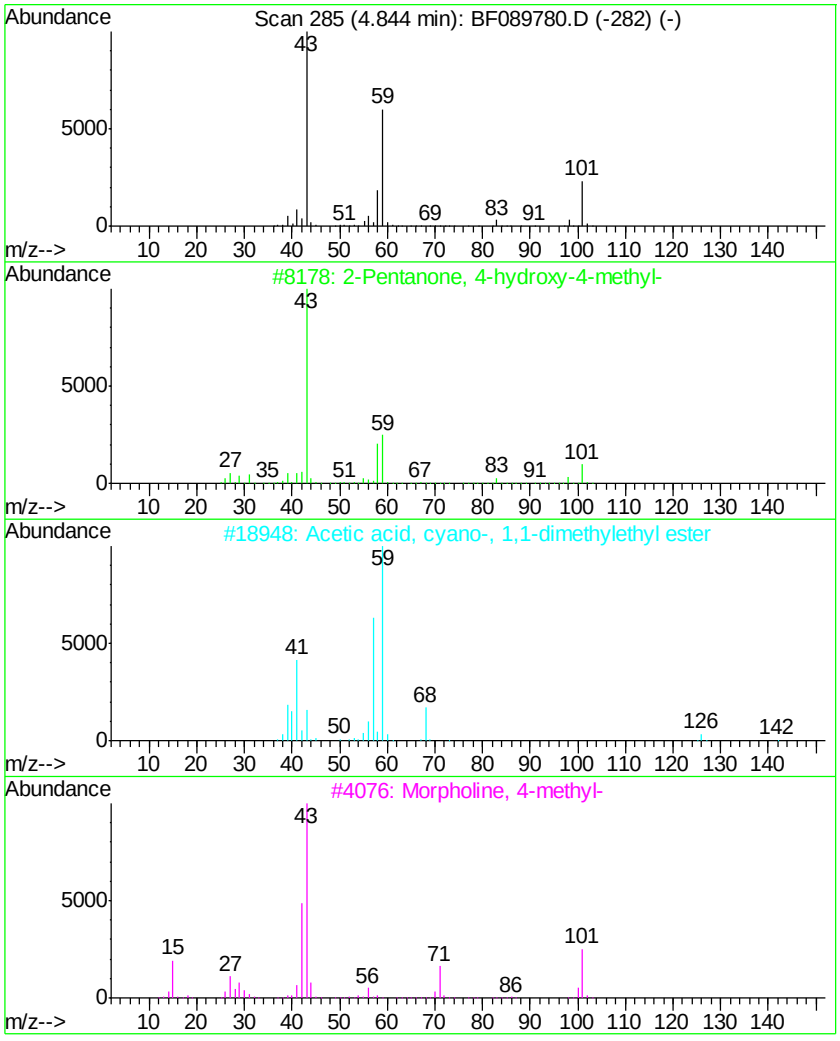
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

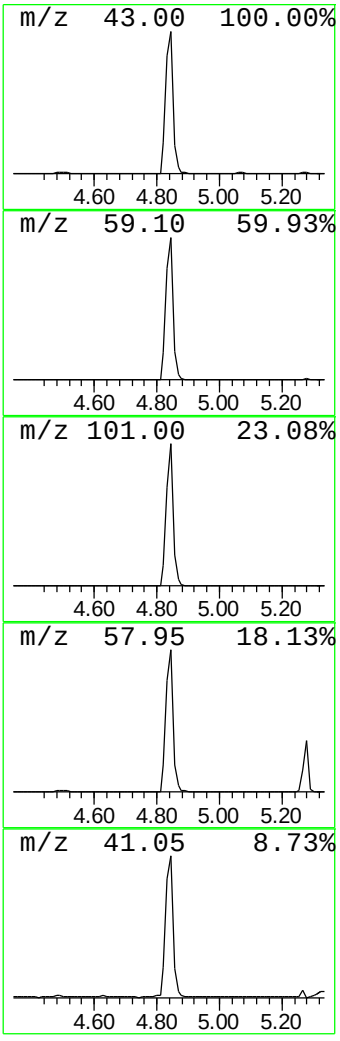
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	22.20 ng	3610890	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	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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

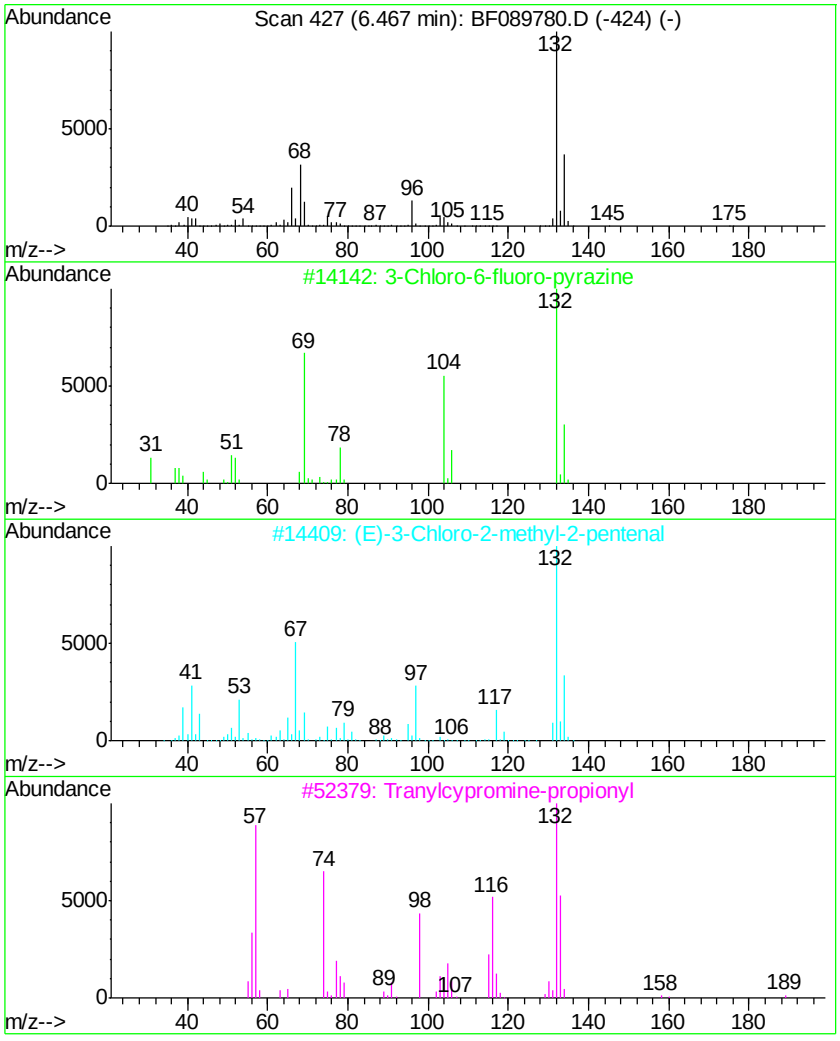
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

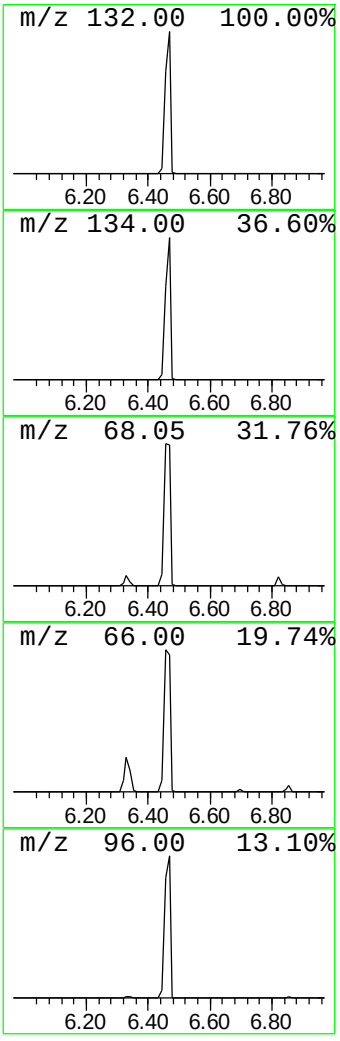
****

Peak Number 4 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	72.93 ng	11864300	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	38
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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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

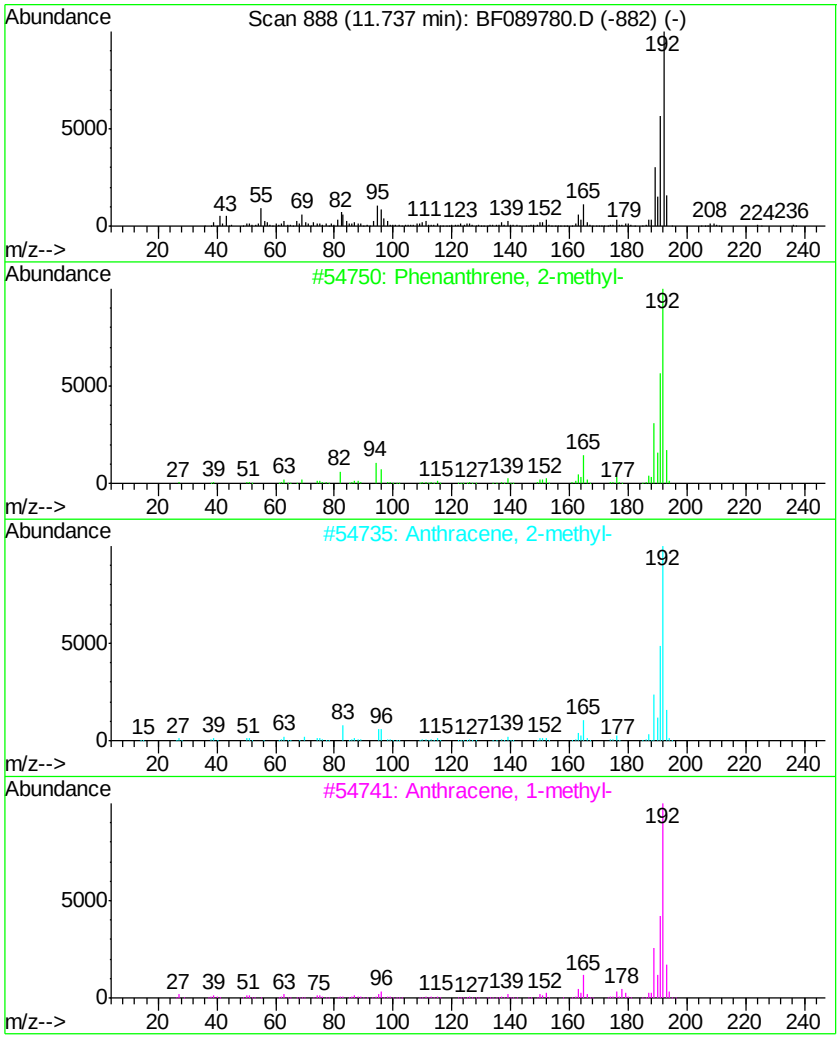
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

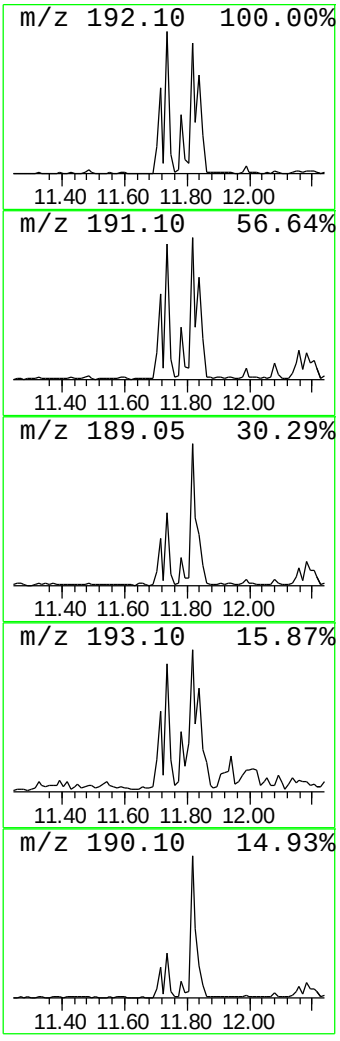
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	7.26 ng	1774350	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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

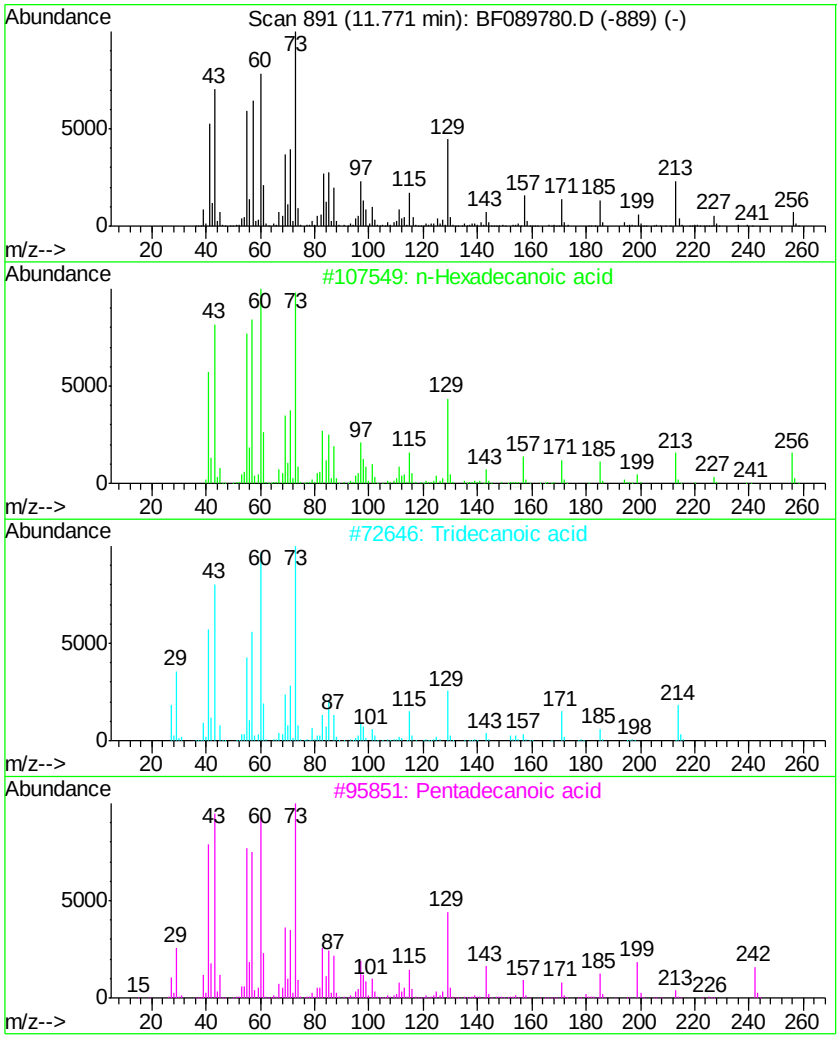
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

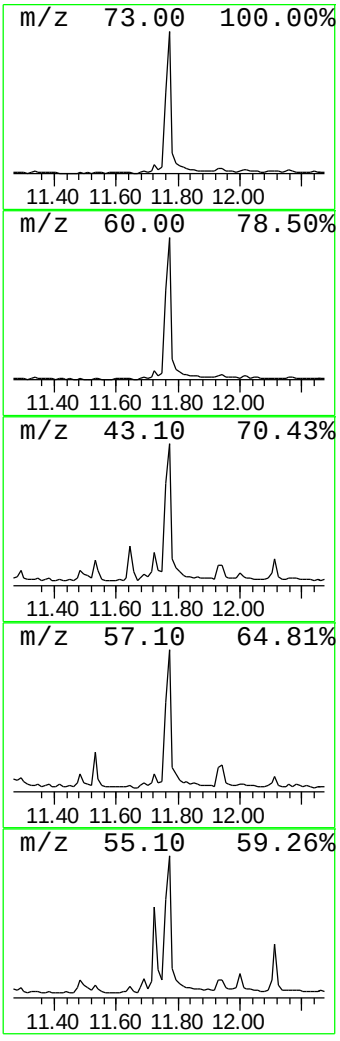
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	11.21 ng	2740230	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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

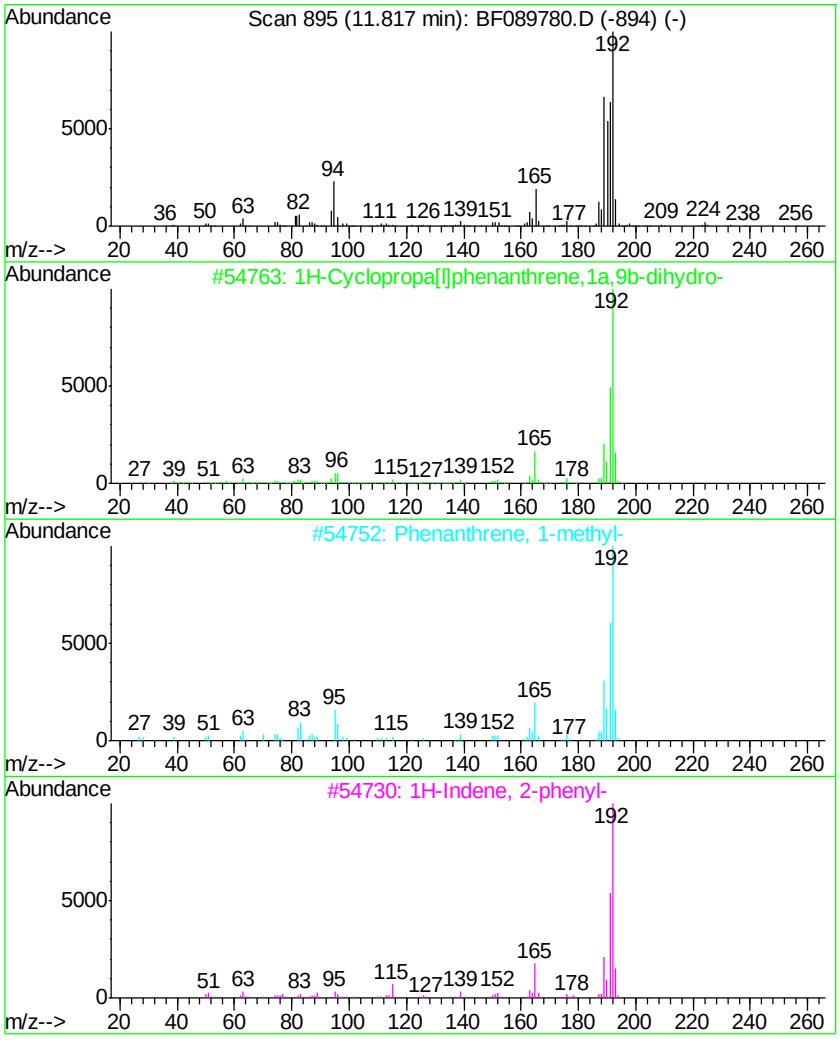
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

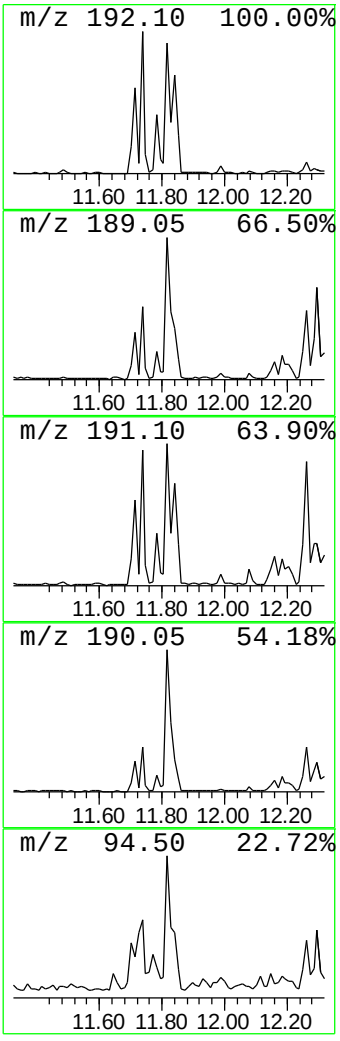
****

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	5.75 ng	1405620	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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

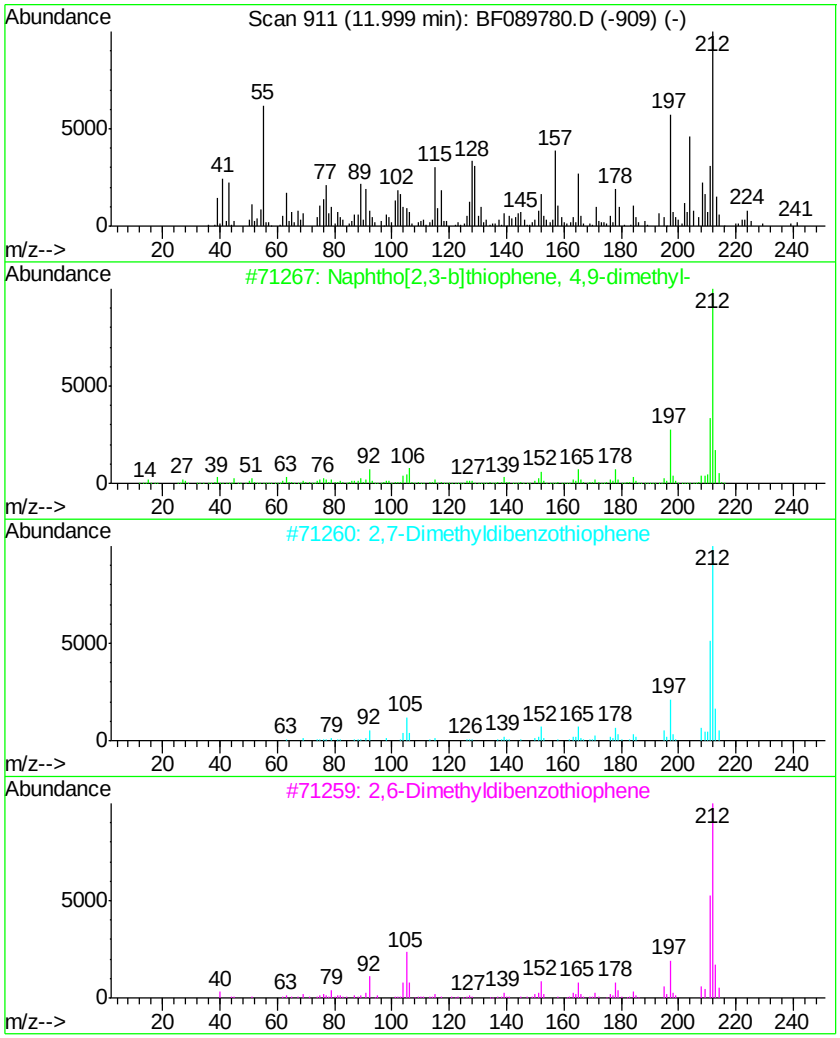
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

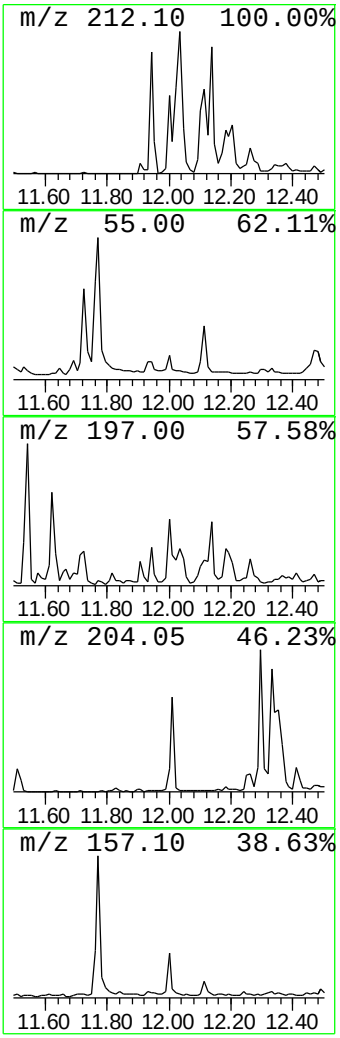
****

Peak Number 9 Naphtho[2,3-b]thiophene, 4,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.44 ng	841386	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	78
2	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	55
3	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	43
4	Dibenzo[c,e]thiepin, 5,7-dihydro-	212	C14H12S	006672-64-6	42
5	9,10-Anthracenedione, 1,4,4a,9a-...	212	C14H12O2	056136-14-2	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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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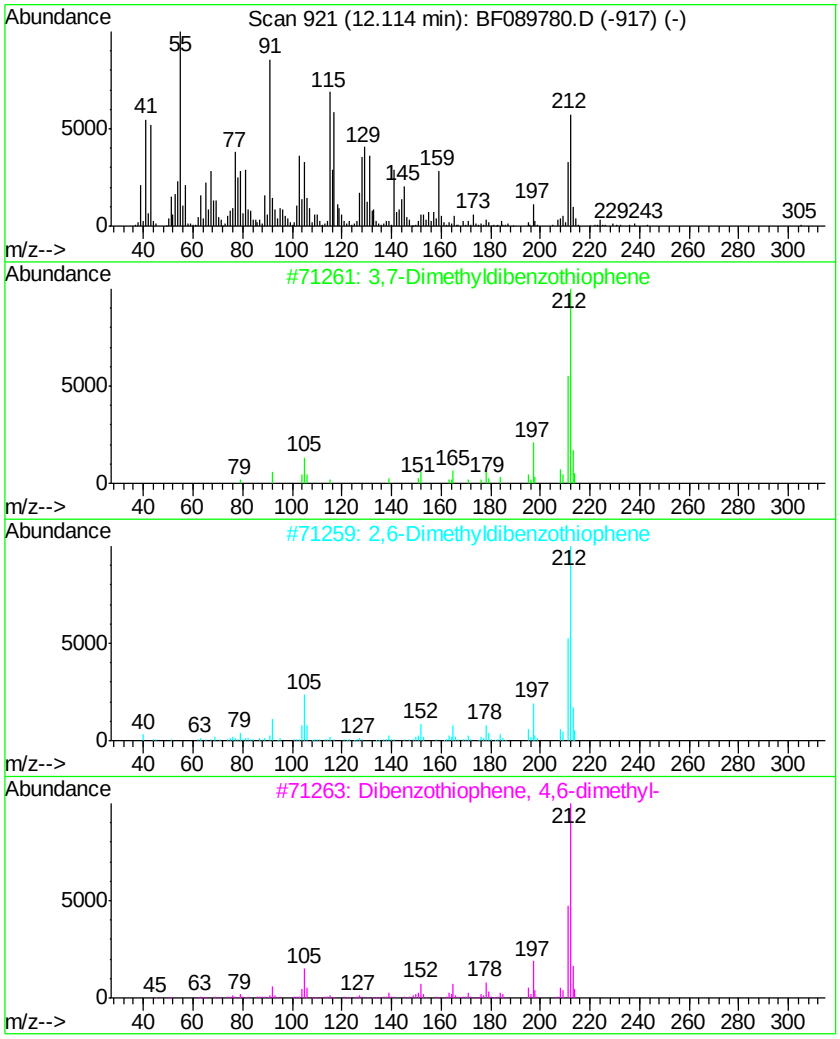
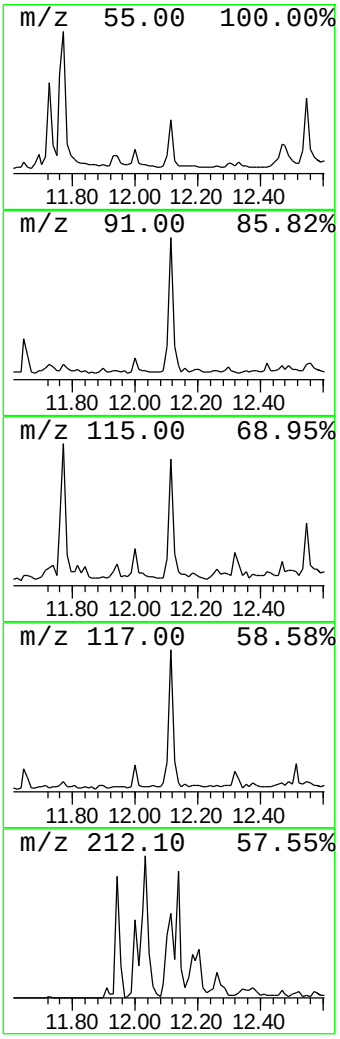
Peak Number 10 unknown12.11 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.30 ng	807606	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	45
2	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	44
3	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	44
4	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	42
5	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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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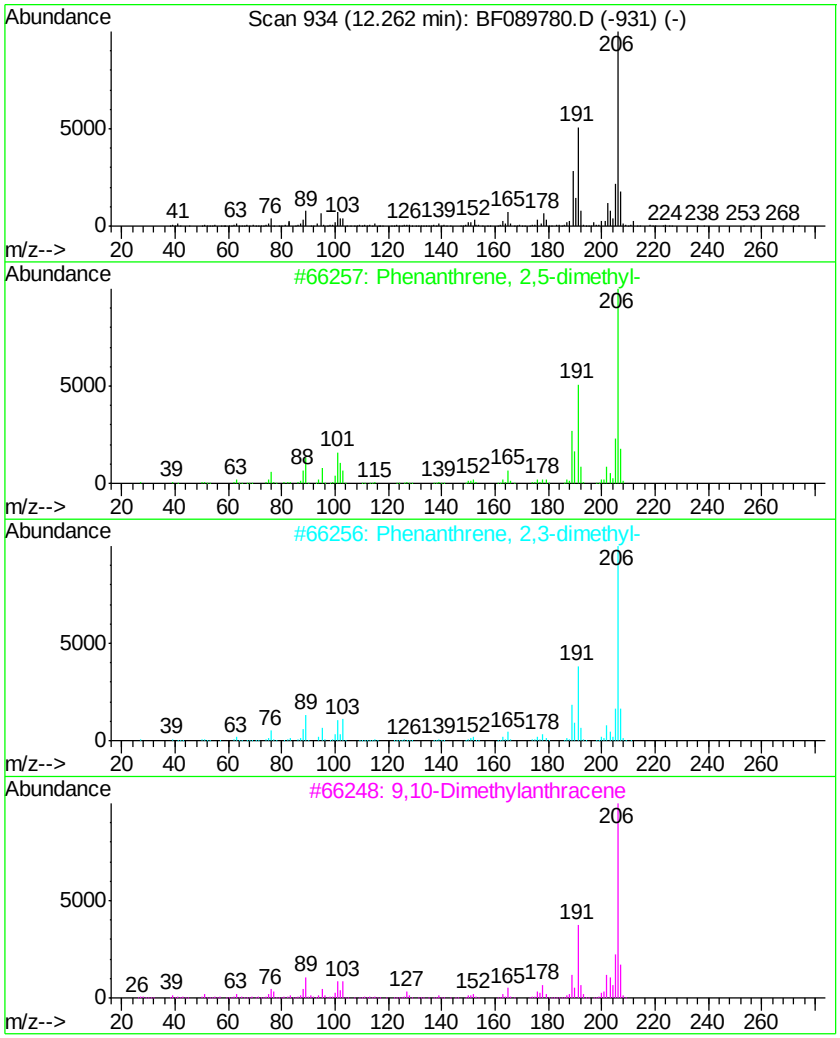
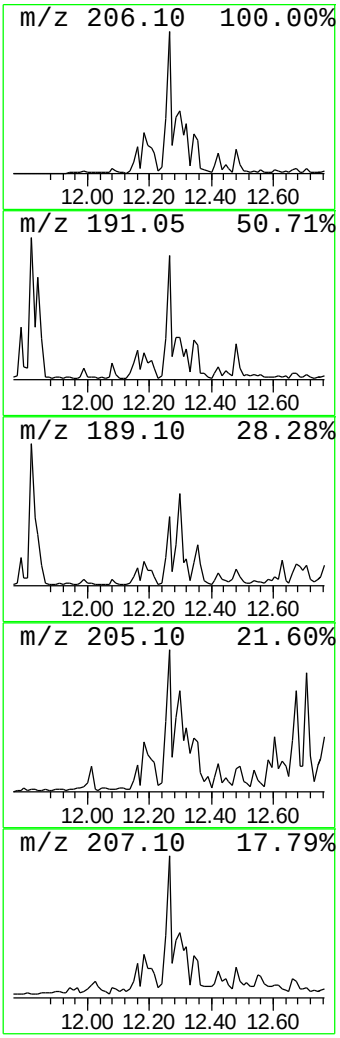
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	4.00 ng	976640	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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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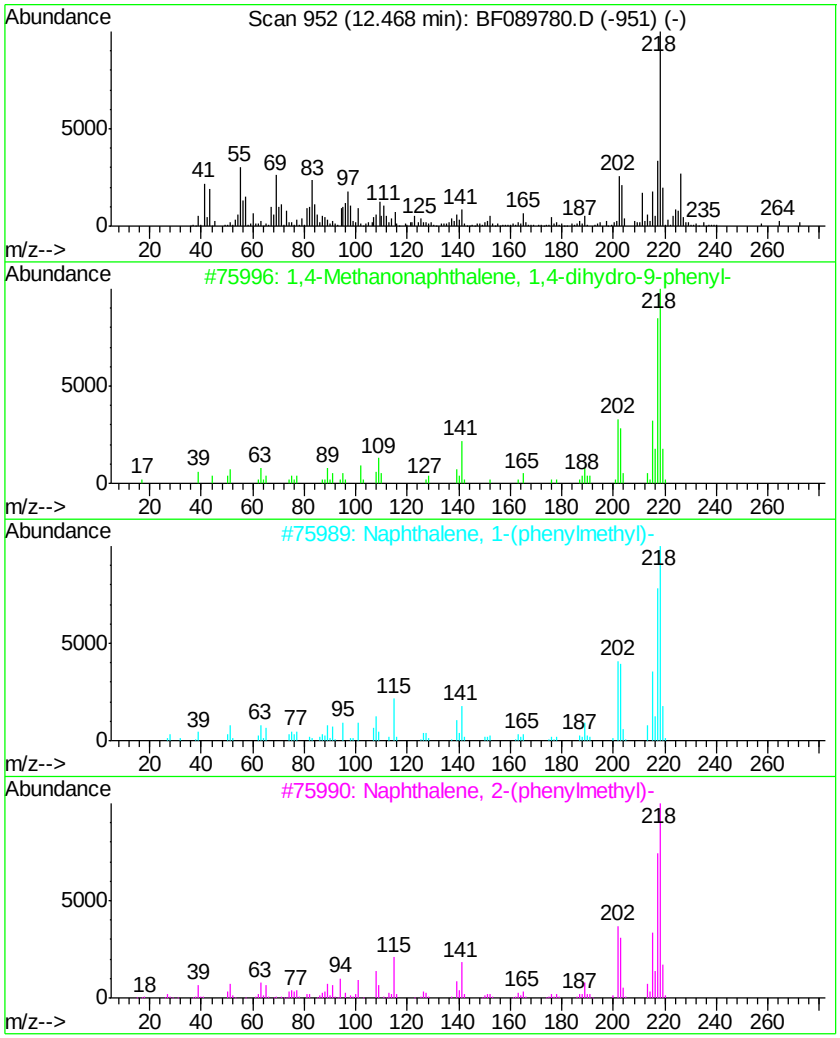
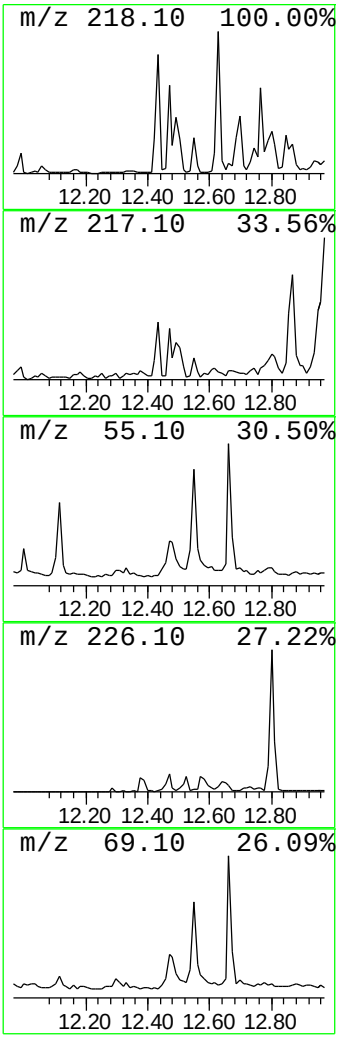
Peak Number 12 1,4-Methanonaphthalene, 1,4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.86 ng	942244	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	83
2	Naphthalene, 1-(phenylmethyl)-	218	C17H14	000611-45-0	55
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	53
4	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	52
5	Pyrrolo[2,3-b]indole, 1,2,3,3a,8...	218	C13H18N2O	046479-70-3	47





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Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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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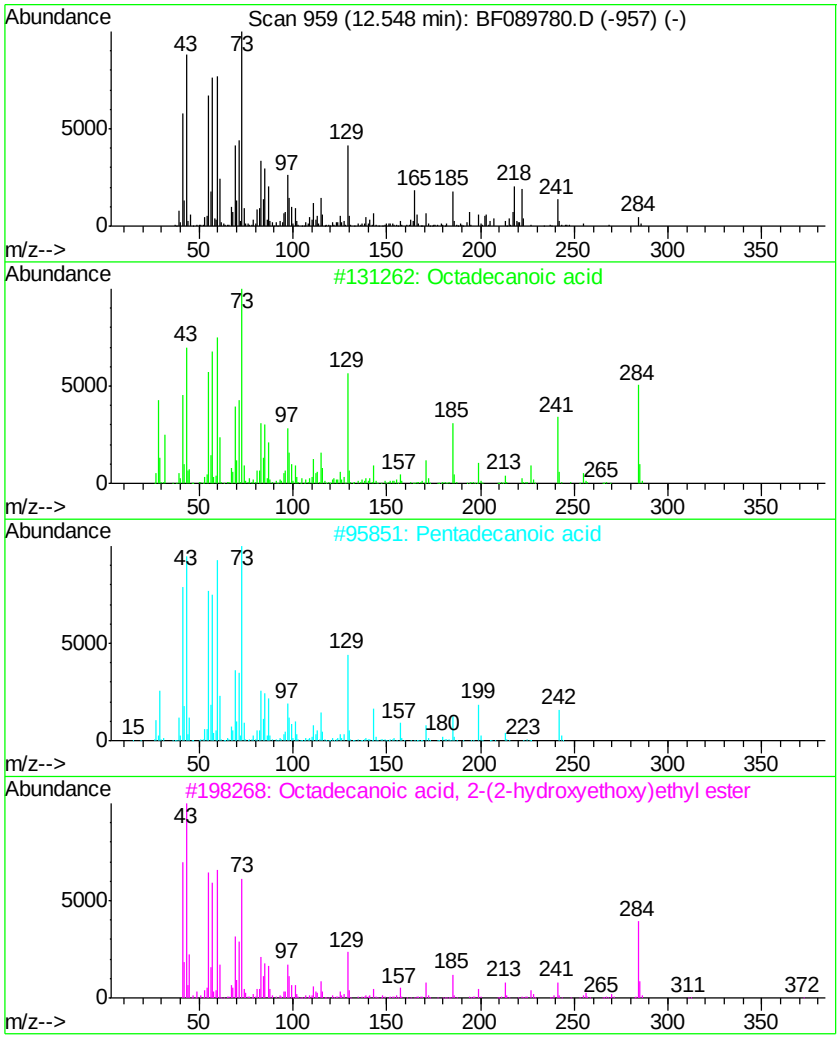
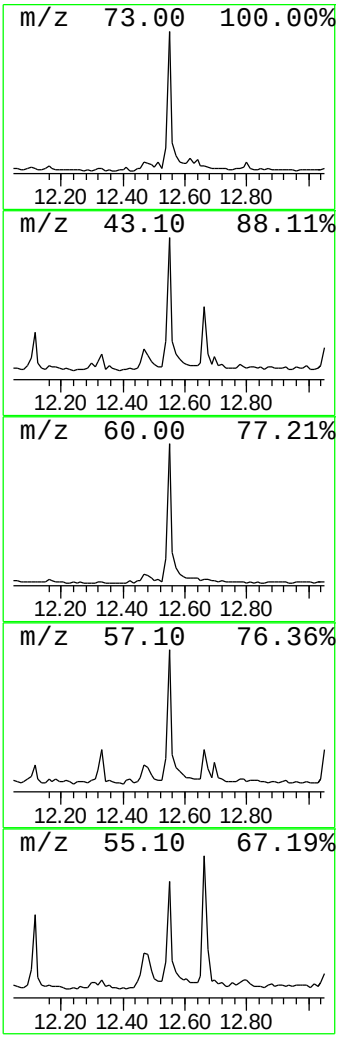
Peak Number 13 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	3.90 ng	1321570	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	53
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49





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Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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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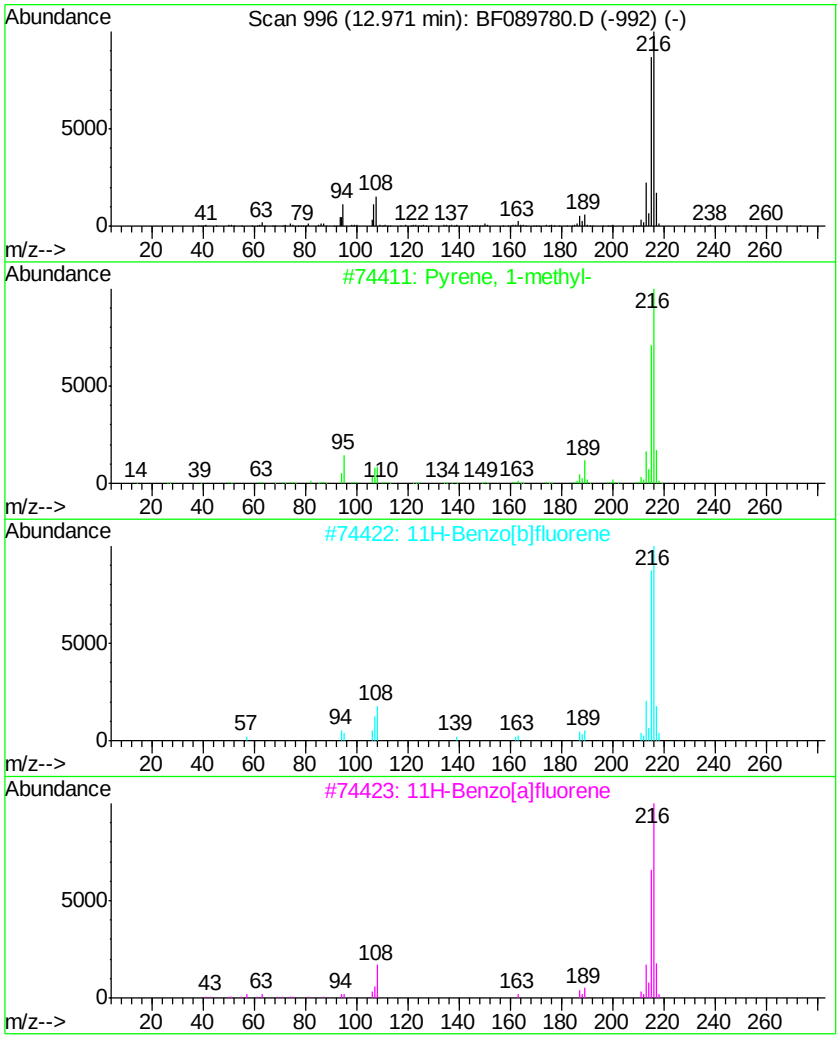
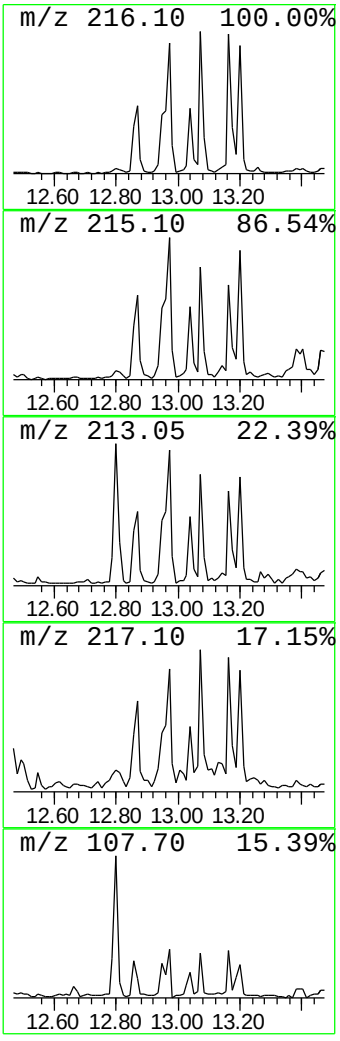
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	3.88 ng	1315530	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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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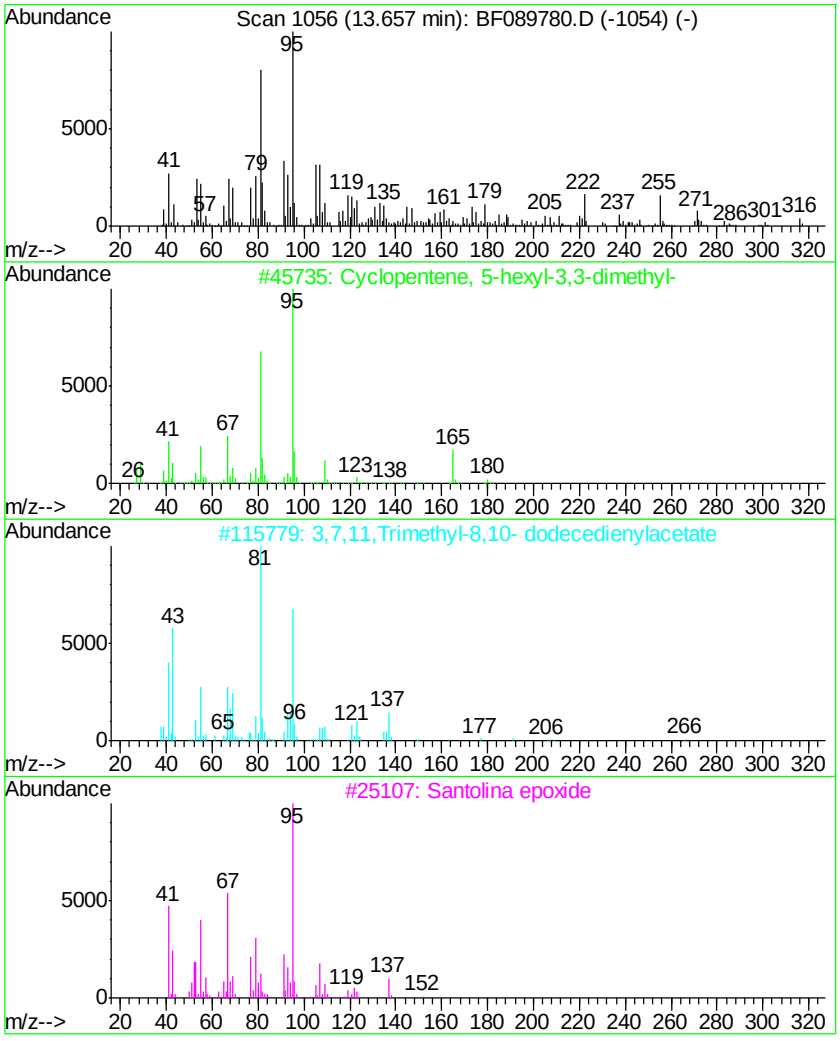
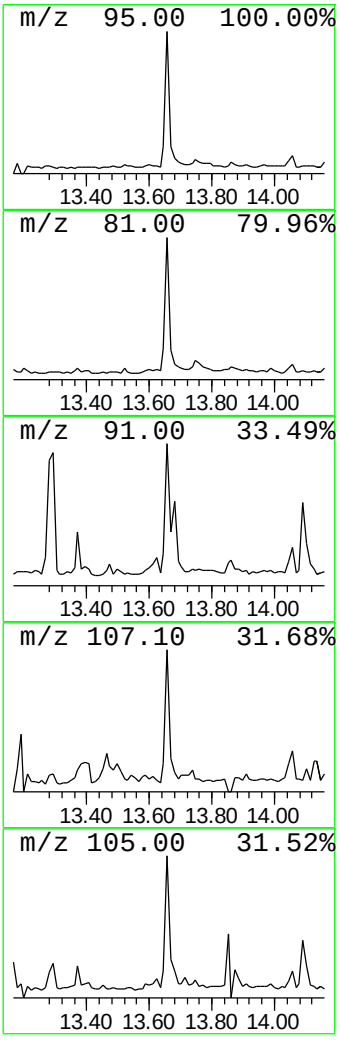
Peak Number 15 Cyclopentene, 5-hexyl-3,3-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	4.28 ng	1449950	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 5-hexyl-3,3-dimethyl-	180	C13H24	061142-66-3	53
2	3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	43
3	Santolina epoxide	152	C10H16O	060485-45-2	35
4	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	30
5	Cycloheptane, 1-bromo-3-iodo-	302	C7H12BrI	1000337-09-9	30





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Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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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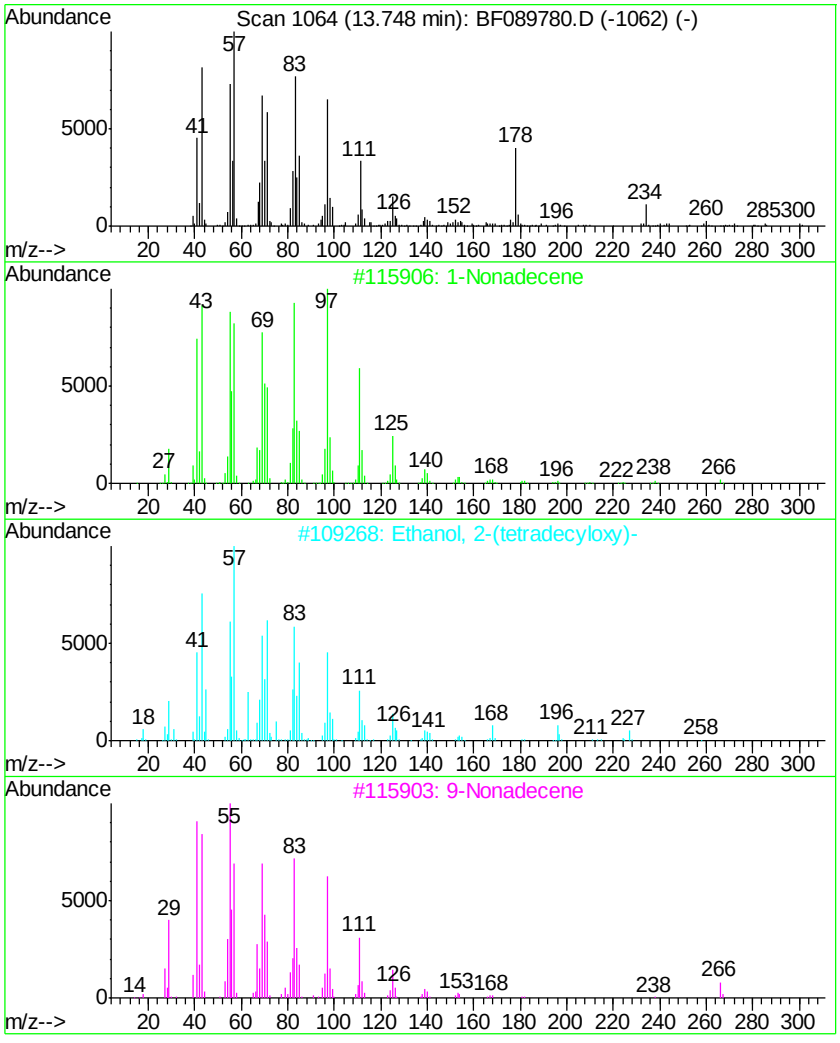
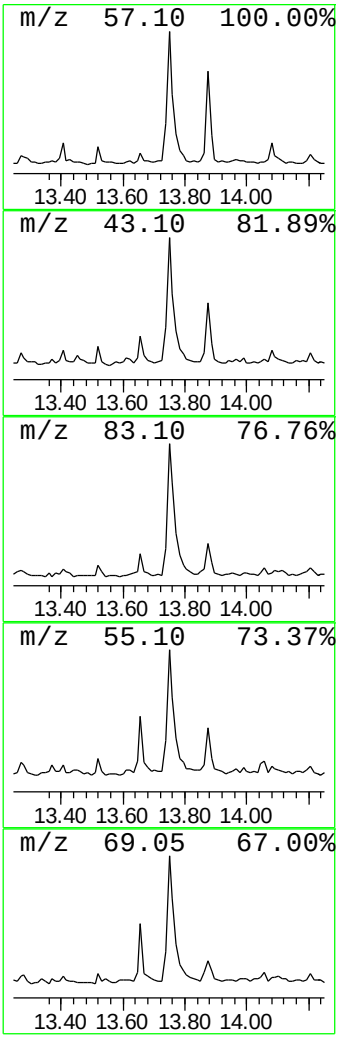
Peak Number 16 1-Nonadecene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.37 ng	1142990	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	9-Nonadecene	266	C19H38	031035-07-1	83
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	70





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Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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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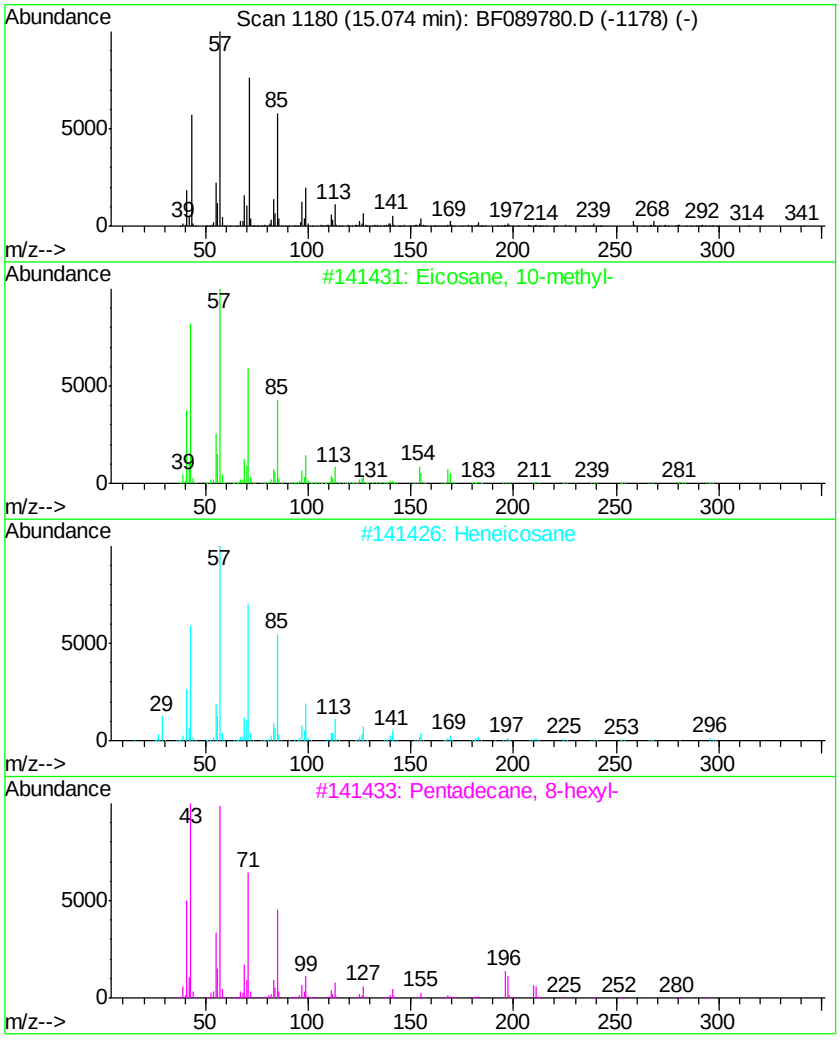
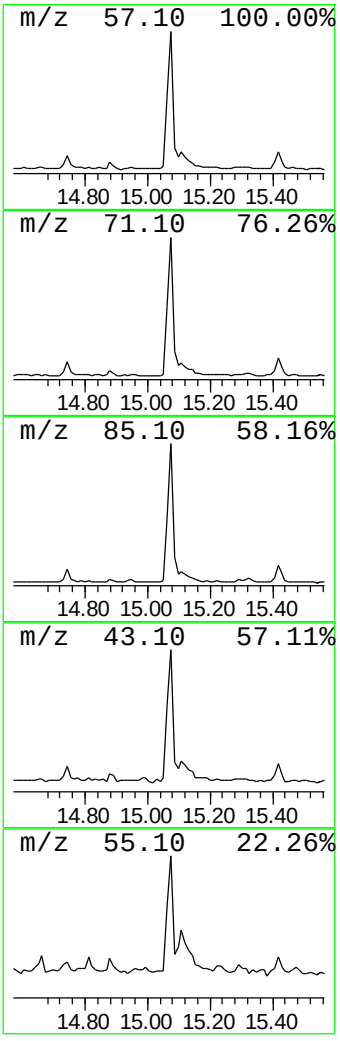
Peak Number 17 Eicosane, 10-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	5.12 ng	819108	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	97
2	Heneicosane	296	C21H44	000629-94-7	96
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Heptadecane	240	C17H36	000629-78-7	90
5	Octacosane	394	C28H58	000630-02-4	86





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Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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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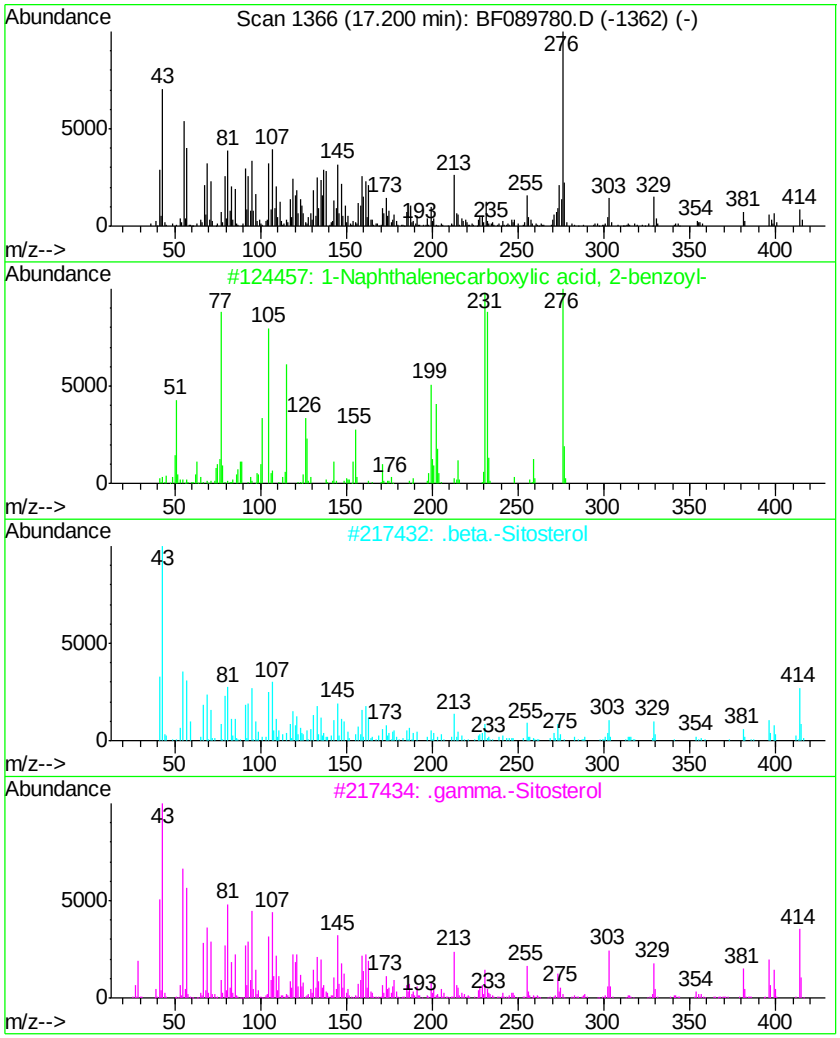
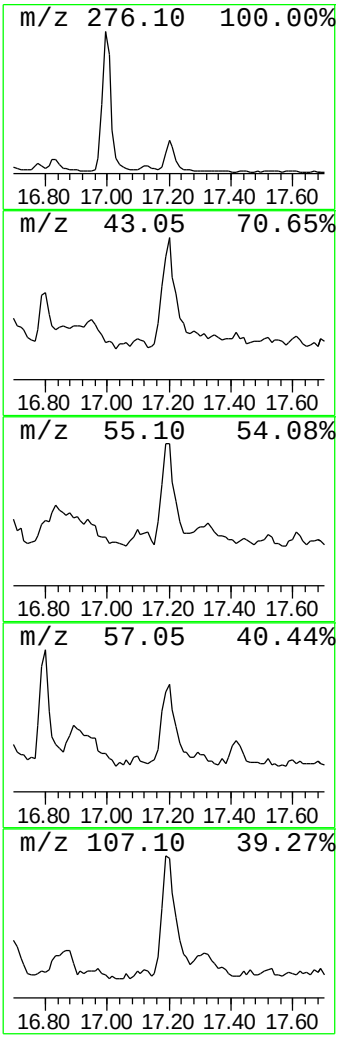
Peak Number 20 1-Naphthalenecarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	7.63 ng	1221220	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	94
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	93
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	92
4	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	86
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081716\
Data File : BF089780.D
Acq On : 17 Aug 2016 22:59
Operator : UM/SJ
Sample : H4490-10
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 670-UNDERCLIFF-5

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	22.2	ng	3610890	1	6.70	3253760	20.0
unknown6.47	6.47	72.9	ng	11864300	1	6.70	3253760	20.0
Phenanthrene, 2-m...	11.74	7.3	ng	1774350	4	11.21	4888250	20.0
n-Hexadecanoic acid	11.77	11.2	ng	2740230	4	11.21	4888250	20.0
1H-Cyclopropa[l]p...	11.82	5.8	ng	1405620	4	11.21	4888250	20.0
Naphtho[2,3-b]thi...	12.00	3.4	ng	841386	4	11.21	4888250	20.0
unknown12.11	12.11	3.3	ng	807606	4	11.21	4888250	20.0
Phenanthrene, 2,5...	12.26	4.0	ng	976640	4	11.21	4888250	20.0
1,4-Methanonaphth...	12.47	3.9	ng	942244	4	11.21	4888250	20.0
Octadecanoic acid	12.55	3.9	ng	1321570	5	13.86	6777480	20.0
Pyrene, 1-methyl-	12.97	3.9	ng	1315530	5	13.86	6777480	20.0
Cyclopentene, 5-h...	13.66	4.3	ng	1449950	5	13.86	6777480	20.0
1-Nonadecene	13.75	3.4	ng	1142990	5	13.86	6777480	20.0
Eicosane, 10-methyl-	15.07	5.1	ng	819108	6	15.33	3200470	20.0
1-Naphthalenecarb...	17.20	7.6	ng	1221220	6	15.33	3200470	20.0