LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

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-BF050217.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	4.290	396	400	407	rBV4	10402	26536	1.01%	0.104%
2	5.131	539	543	567	rBV	303850	637805	24.16%	2.495%
3	5.748	644	648	677	rBV	967333	2039519	77.27%	7.979%
4	6.325	741	746	754	rBV	13588	27215	1.03%	0.106%
5	7.313	910	914	931	rBV	1132407	1843112	69.83%	7.211%
6	7.442	931	936	948	rVB	1474805	2156920	81.71%	8.438%
7	7.778	989	993	1007	rBV	468435	571215	21.64%	2.235%
8	8.013	1028	1033	1051	rVB	1498187	1770624	67.08%	6.927%
9	8.672	1141	1145	1162	rBV	918612	1308226	49.56%	5.118%
10	9.789	1331	1335	1355	rBV	553243	815740	30.90%	3.191%
11	11.560	1631	1636	1652	rBV	2068323	2639615	100.00%	10.327%
12	12.254	1750	1754	1761	rBV	106754	176683	6.69%	0.691%
13	12.618	1811	1816	1823	rBV2	571699	808973	30.65%	3.165%
14	12.671	1823	1825	1836	rVB	36070	53366	2.02%	0.209%
15	13.454	1954	1958	1962	rBV	33688	35875	1.36%	0.140%
16	13.530	1965	1971	1979	rVB	26574	41177	1.56%	0.161%
17	13.918	2032	2037	2049	rBV	743906	1194384	45.25%	4.673%
18	14.224	2084	2089	2100	rBV2	30248	48448	1.84%	0.190%
19	15.024	2220	2225	2228	rBV	559871	713284	27.02%	2.791%
20	15.059	2228	2231	2243	rVV	410825	570636	21.62%	2.232%
21	15.148	2243	2246	2255	rVB	71607	109284	4.14%	0.428%
22	15.806	2354	2358	2362	rBV	59463	72865	2.76%	0.285%
23	15.848	2362	2365	2372	rVB	67970	90259	3.42%	0.353%
24	15.924	2374	2378	2380	rBV	23220	28575	1.08%	0.112%
25	15.959	2380	2384	2386	rBV2	67751	101571	3.85%	0.397%
26	16.248	2429	2433	2441	rVB2	37723	50716	1.92%	0.198%
27	16.601	2489	2493	2496	rBV	47982	56711	2.15%	0.222%
28	16.642	2496	2500	2504	rVV4	19911	31519	1.19%	0.123%
29	16.724	2509	2514	2523	rBV4	28433	50558	1.92%	0.198%
30	16.801	2523	2527	2533	rBV	544850	631848	23.94%	2.472%
31	17.006	2556	2562	2564	rBV	20998	29698	1.13%	0.116%
32	17.100	2572	2578	2585	rBV	578540	704133	26.68%	2.755%
33	17.295	2607	2611	2614	rBV	26505	32736	1.24%	0.128%
34	17.342	2614	2619	2627	rVV	1529226	1827089	69.22%	7.148%

LSC Area Percent Report

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Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

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-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.424	2627	2633	2642	rVB2	40316	87331	3.31%	0.342%
36	17.542	2647	2653	2655	rVV3	35197	70043	2.65%	0.274%
37	17.565	2655	2657	2663	rVB	68613	78894	2.99%	0.309%
38	17.653	2669	2672	2677	rBV2	39796	43713	1.66%	0.171%
39	17.700	2677	2680	2691	rBV3	62455	113079	4.28%	0.442%
40	17.818	2697	2700	2704	rVB2	42920	47028	1.78%	0.184%
41	17.859	2704	2707	2713	rVB	28404	40058	1.52%	0.157%
42	18.118	2746	2751	2757	rBV10	21075	37615	1.43%	0.147%
43	18.259	2771	2775	2778	rBV2	25432	32649	1.24%	0.128%
44	18.353	2787	2791	2796	rBV4	49761	86337	3.27%	0.338%
45	18.400	2796	2799	2802	rVV	57039	67713	2.57%	0.265%
46	18.436	2802	2805	2808	rVV	30570	38795	1.47%	0.152%
47	18.471	2809	2811	2816	rVB3	22761	30614	1.16%	0.120%
48	18.530	2816	2821	2827	rVB2	25929	43733	1.66%	0.171%
49	18.595	2827	2832	2840	rBV7	46251	117825	4.46%	0.461%
50	18.689	2842	2848	2852	rVV2	537248	835153	31.64%	3.267%
51	18.724	2852	2854	2861	rVB2	180974	292928	11.10%	1.146%
52	18.824	2868	2871	2874	rVB2	37331	44632	1.69%	0.175%
53	18.924	2884	2888	2891	rBV2	164703	192331	7.29%	0.752%
54	19.094	2913	2917	2923	rBV8	51865	91856	3.48%	0.359%
55	19.200	2932	2935	2939	rVB2	40674	41499	1.57%	0.162%
56	19.242	2939	2942	2947	rVB2	29653	31412	1.19%	0.123%
57	19.318	2949	2955	2958	rBV6	24660	37661	1.43%	0.147%
58	19.453	2974	2978	2981	rVB4	22757	34830	1.32%	0.136%
59	19.806	3034	3038	3042	rBV3	34952	55982	2.12%	0.219%
60	19.959	3060	3064	3067	rBV	202339	282551	10.70%	1.105%
61	20.071	3081	3083	3090	rBV2	31666	70187	2.66%	0.275%
62	20.253	3110	3114	3120	rVB	154082	171309	6.49%	0.670%
63	20.312	3120	3124	3129	rBV	187909	232647	8.81%	0.910%
64	20.365	3129	3133	3144	rVV	331270	469575	17.79%	1.837%
65	20.824	3208	3211	3215	rBV6	31737	40506	1.53%	0.158%
66	21.283	3285	3289	3295	rBV3	23380	51080	1.94%	0.200%
67	21.712	3356	3362	3367	rBV	54245	109666	4.15%	0.429%
68	21.771	3367	3372	3380	rVB7	76175	140051	5.31%	0.548%
69	22.094	3423	3427	3438	rVB2	48313	102427	3.88%	0.401%

Sum of corrected areas: 25560625

LSC Report - Integrated Chromatogram

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Data File : BF095167.D
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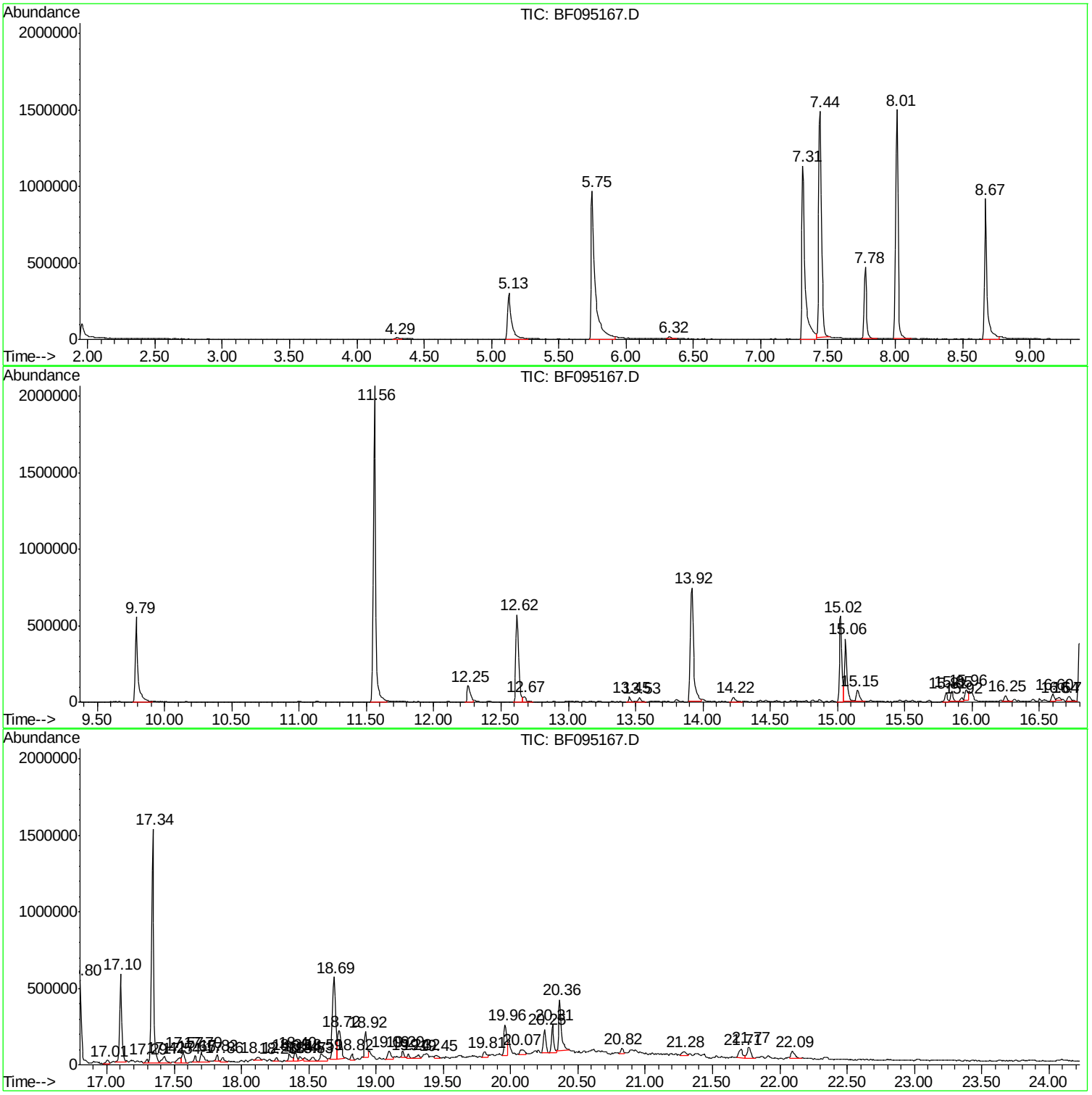
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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\BF051617\
Data File : BF095167.D
Acq On : 16 May 2017 21:02
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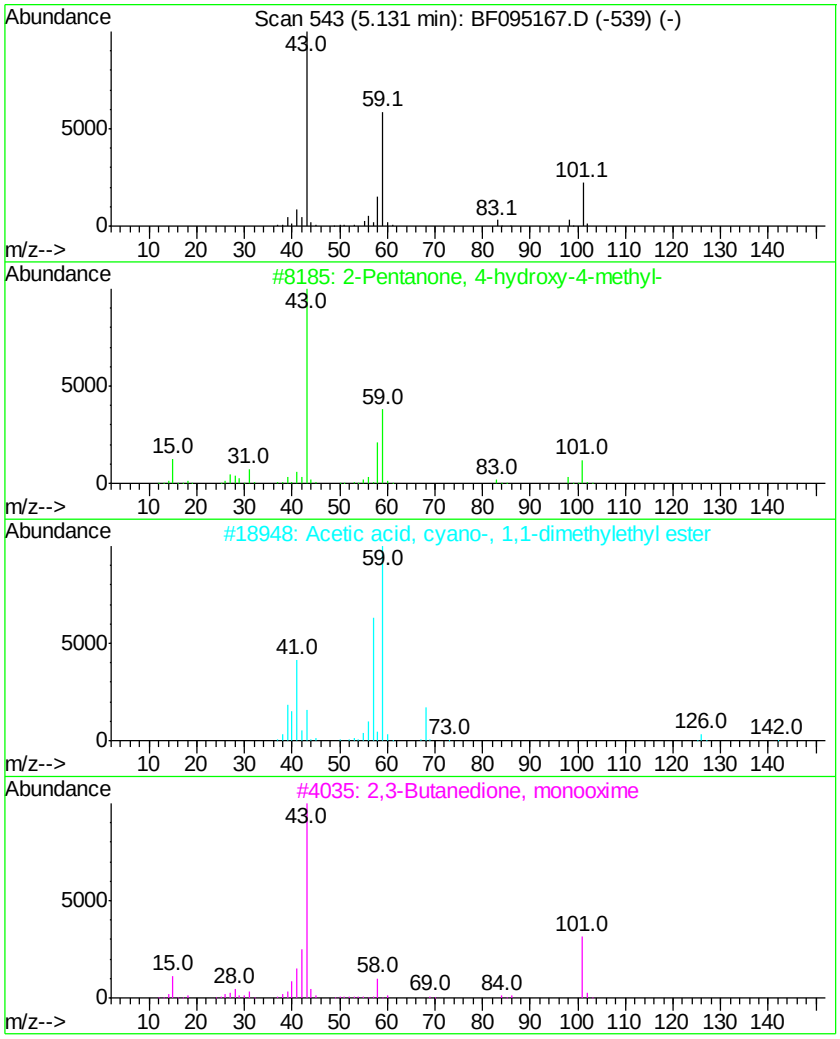
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

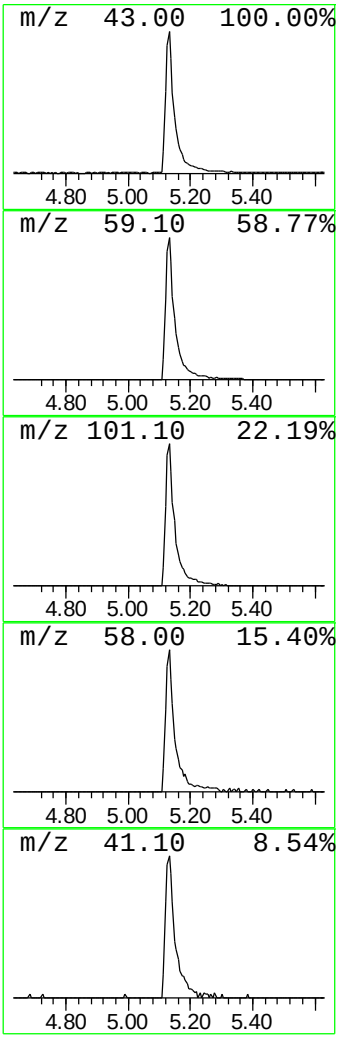
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	22.33 ng	637805	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

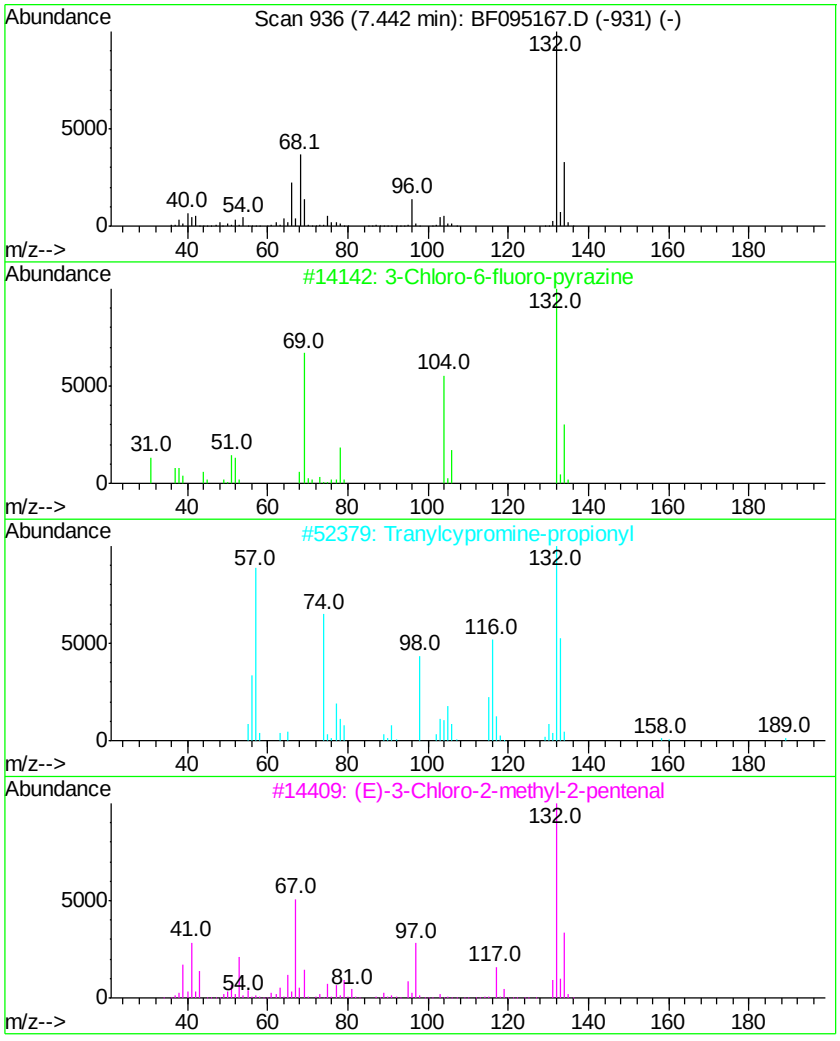
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

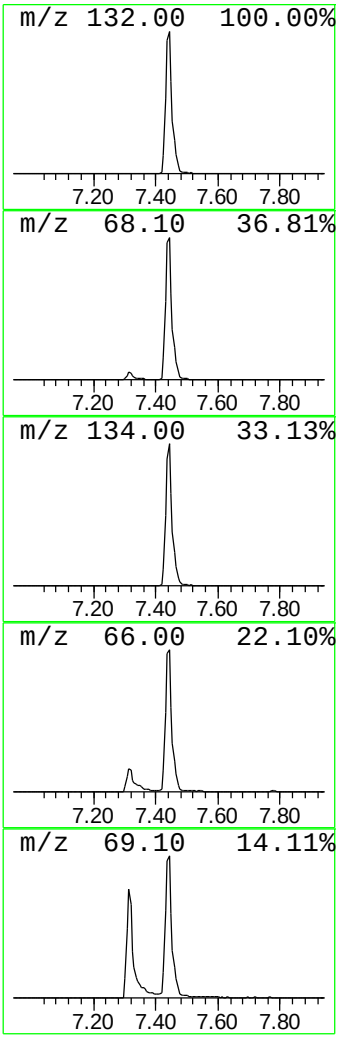
****

Peak Number 2 unknown7.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	75.52 ng	2156920	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

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Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

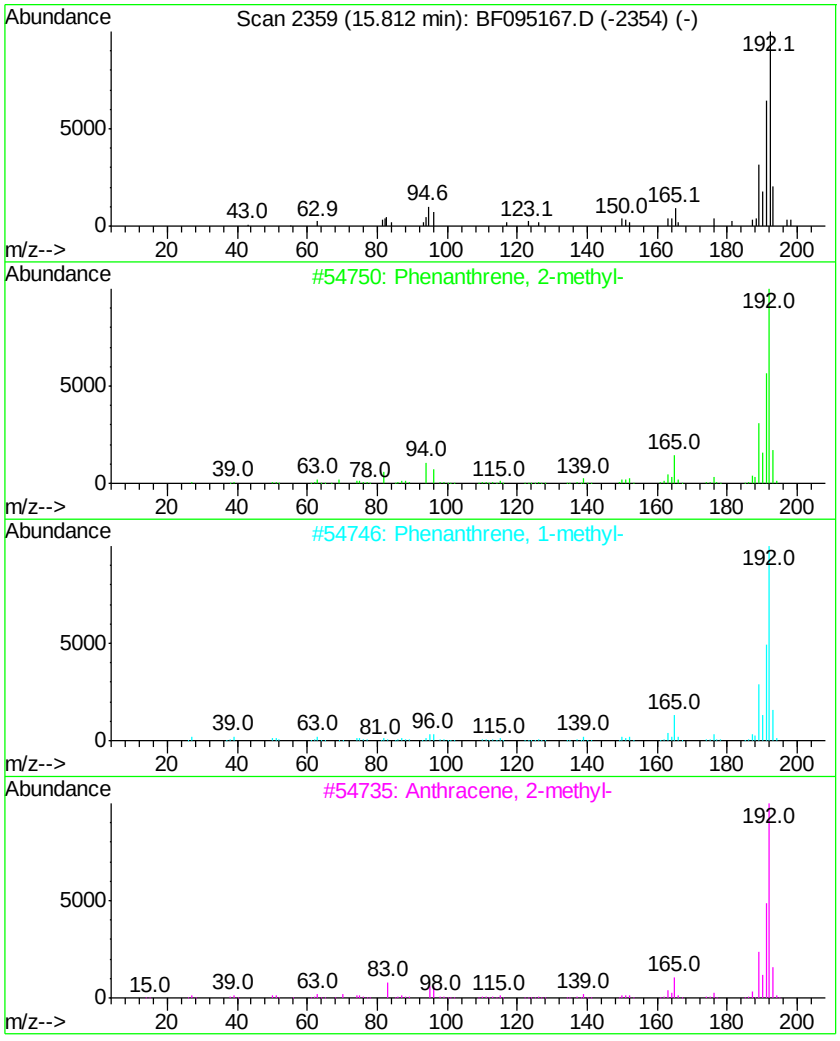
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

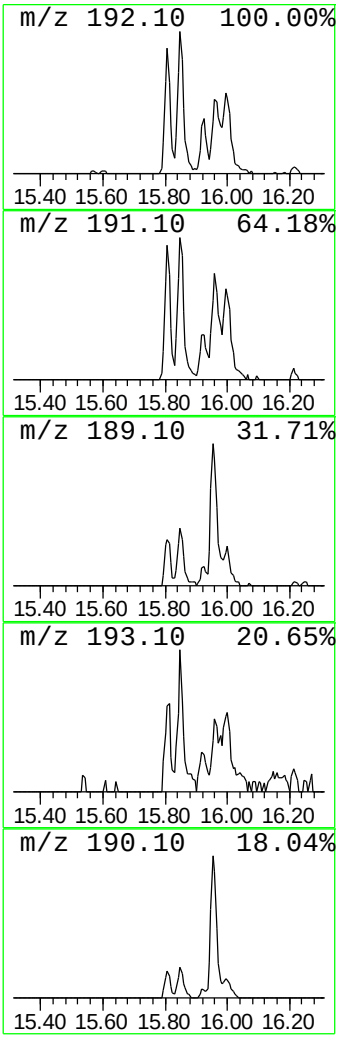
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.04 ng	72865	Phenanthrene-d10	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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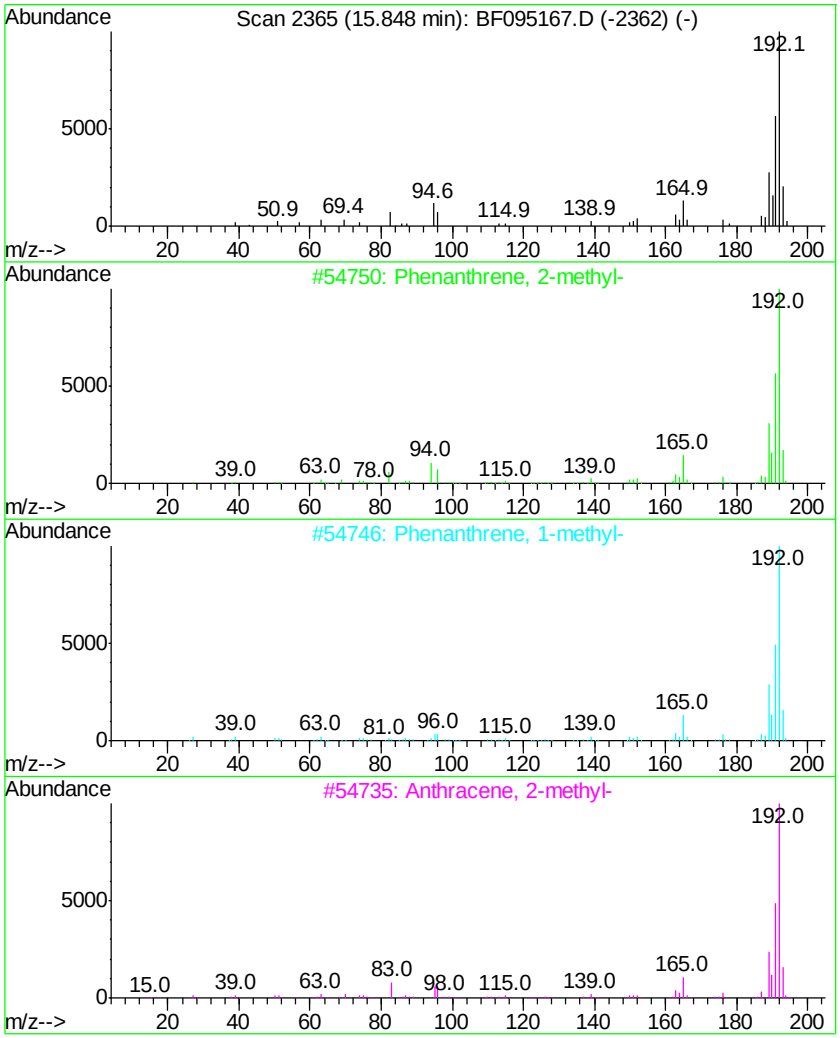
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

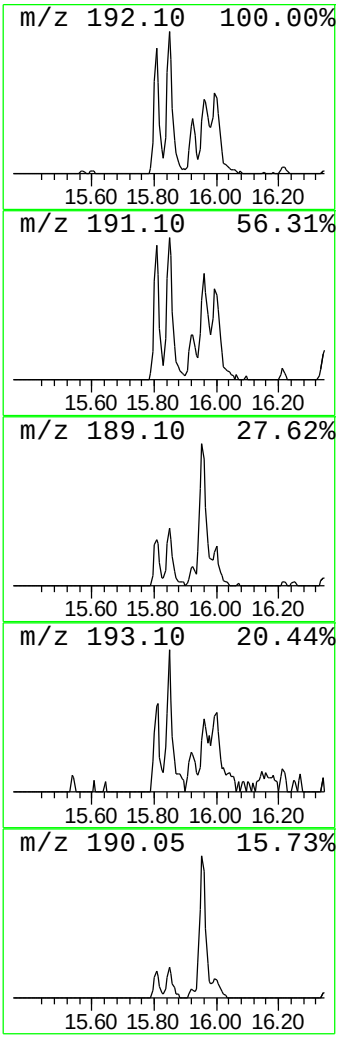
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	2.53 ng	90259	Phenanthrene-d10	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

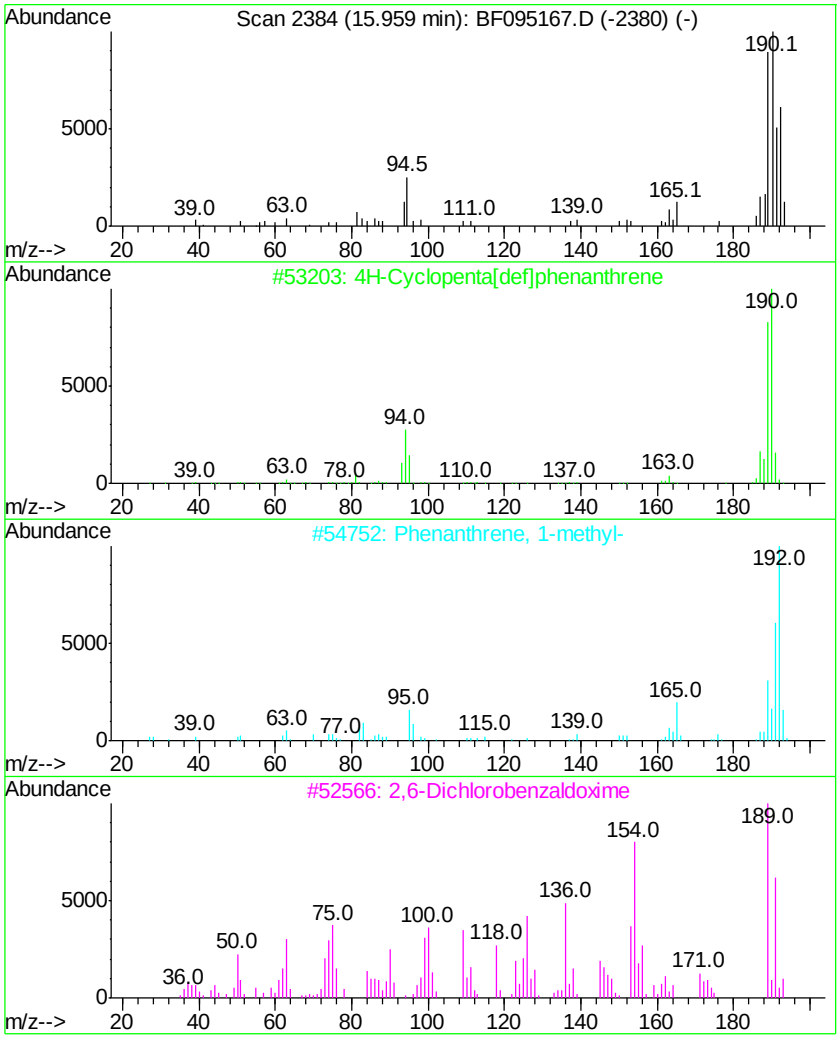
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

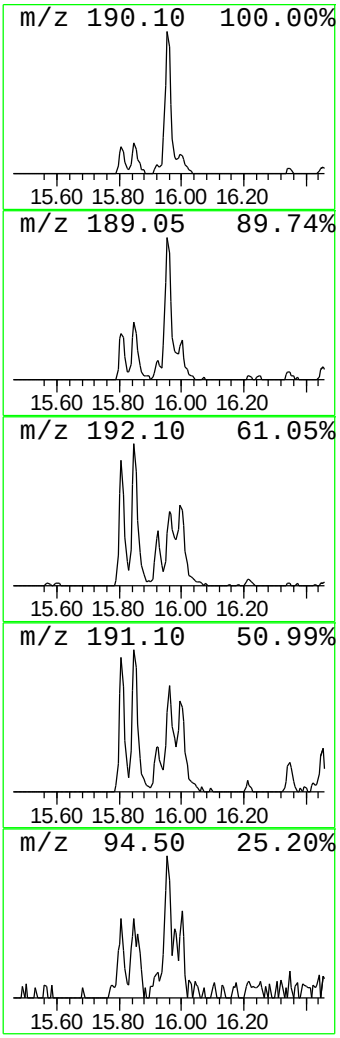
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.85 ng	101571	Phenanthrene-d10	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
3	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	27
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

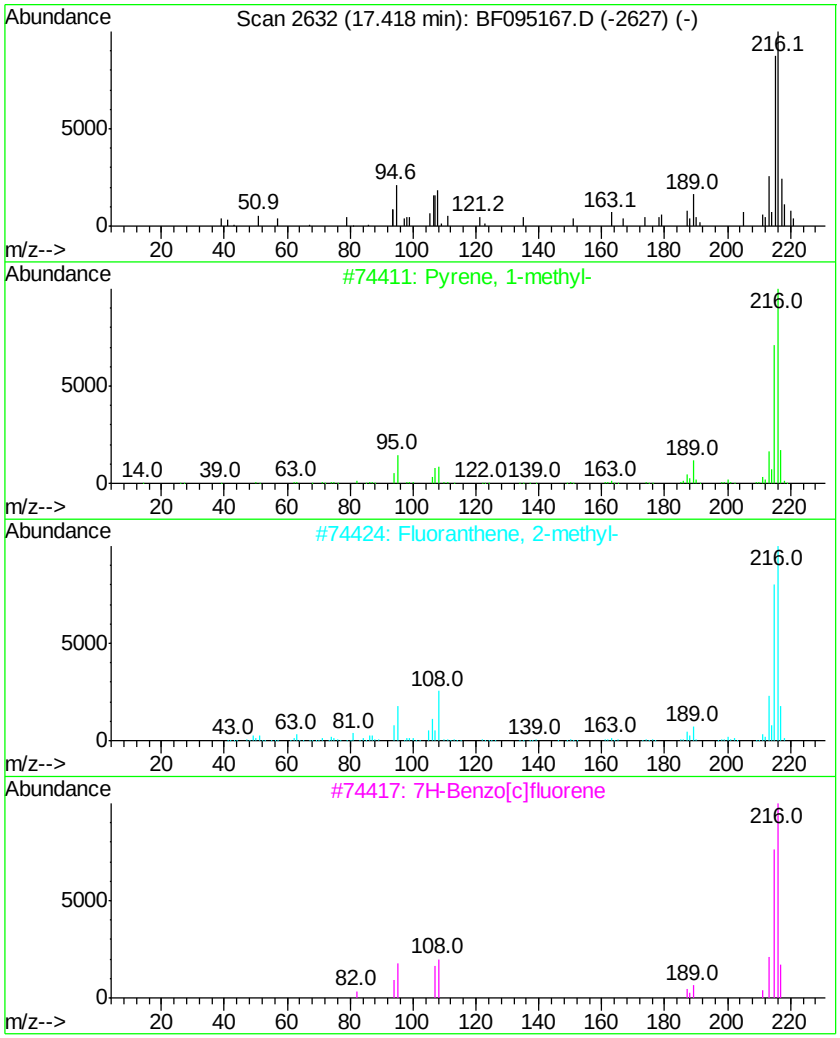
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

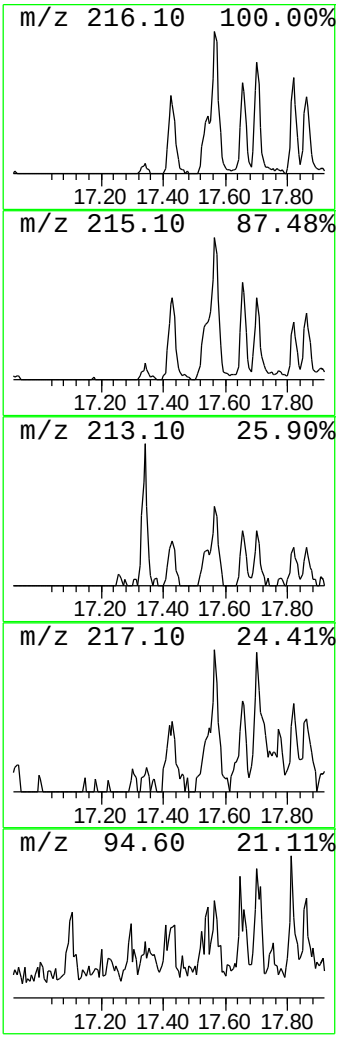
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	2.09 ng	87331	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

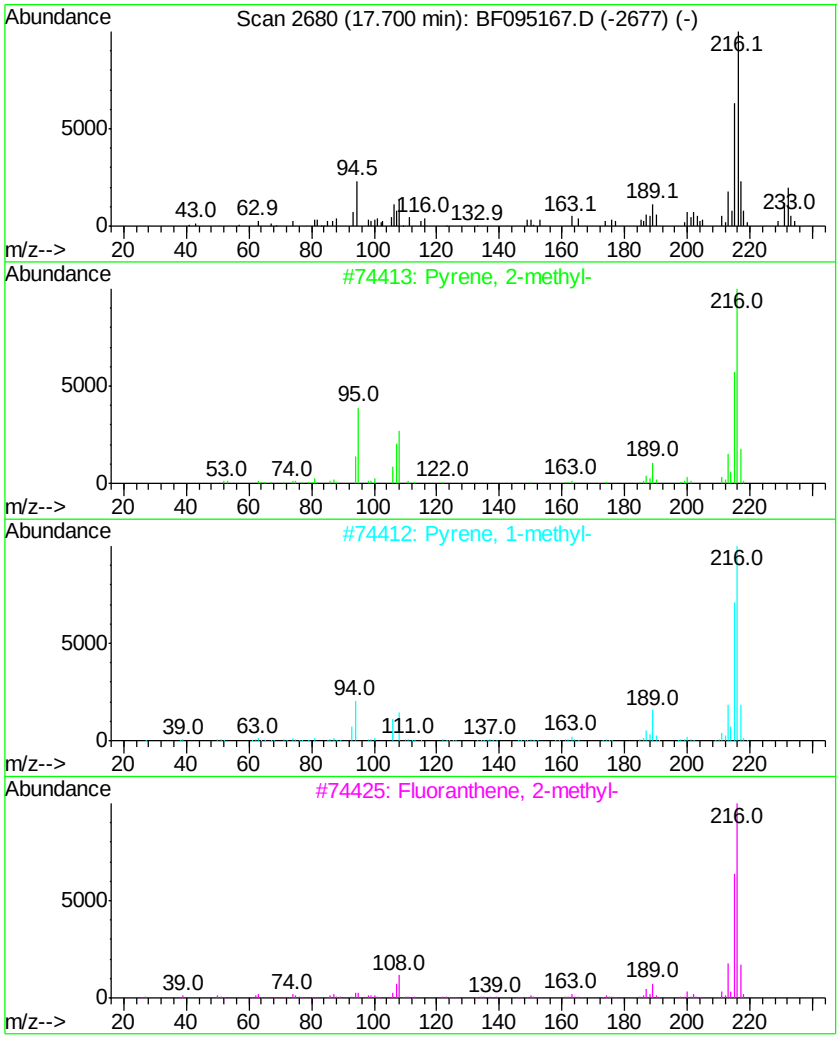
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

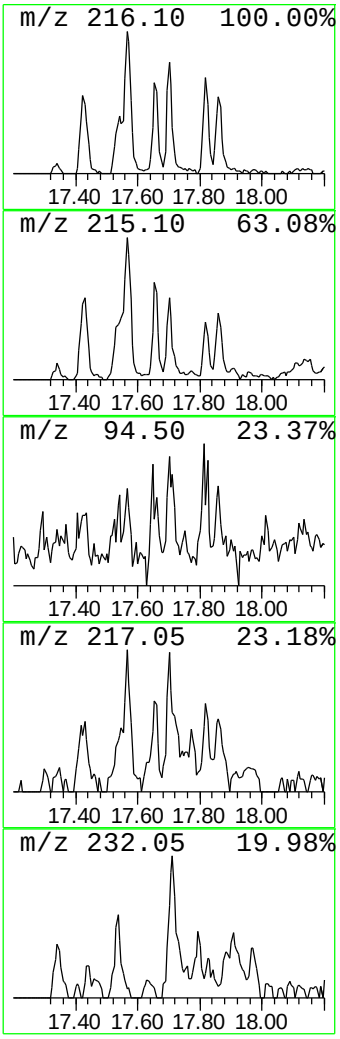
****

Peak Number 8 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	2.71 ng	113079	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52





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Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

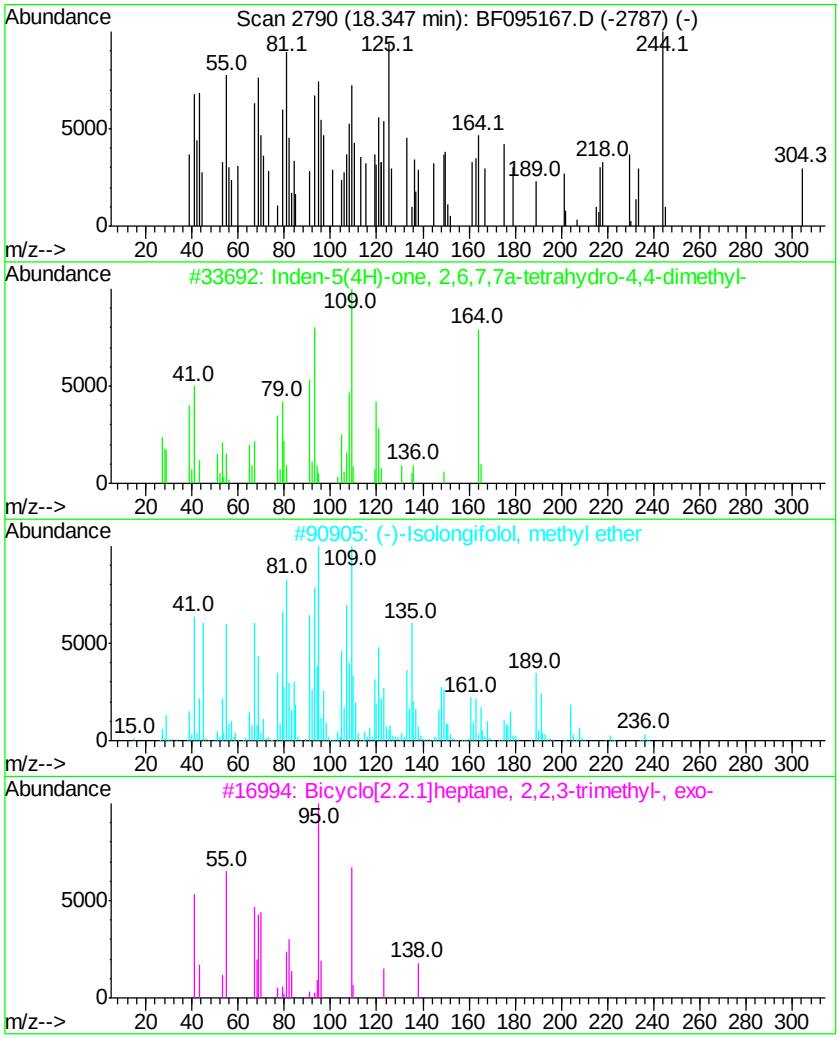
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

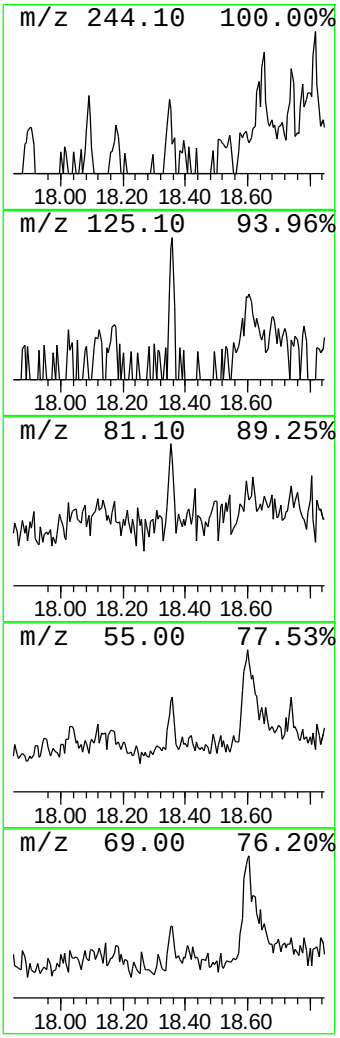
****

Peak Number 9 unknown18.35 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.07 ng	86337	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Inden-5(4H)-one, 2,6,7,7a-tetrah...	164	C11H16O	018366-35-3	25
2	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	22
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	20
4	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	18
5	Naphthalene, decahydro-1,4-dimet...	198	C12H22O2	041766-65-8	14





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Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

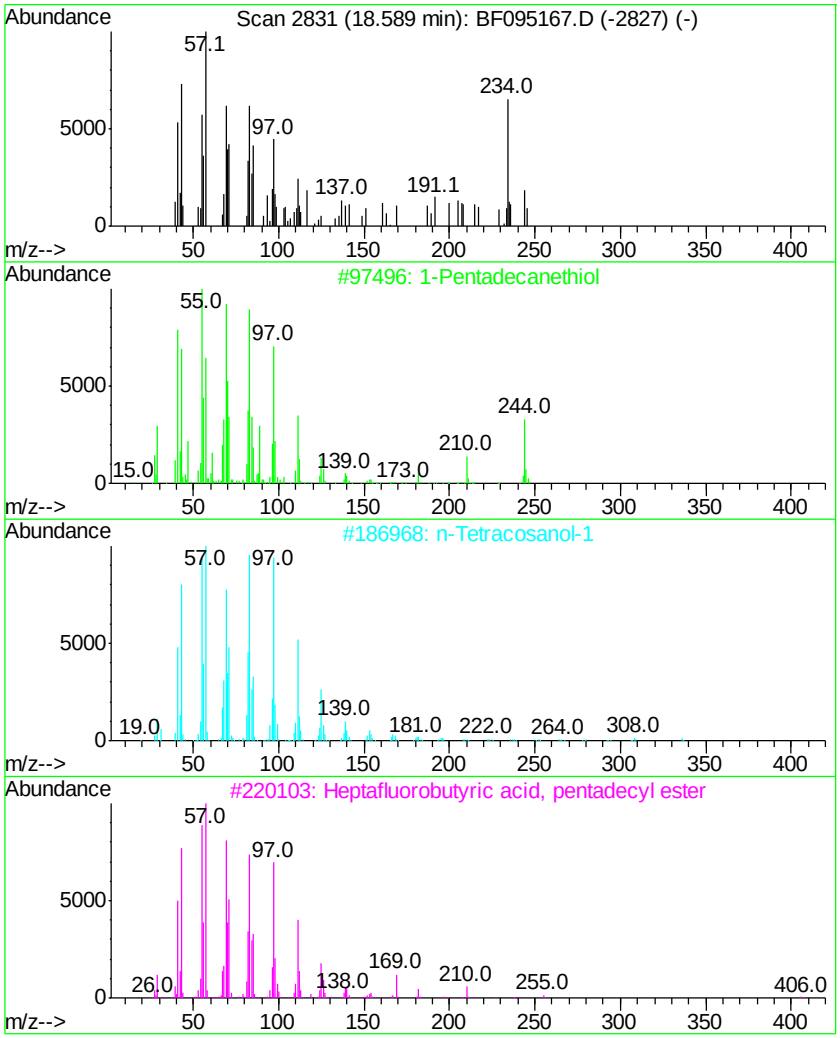
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

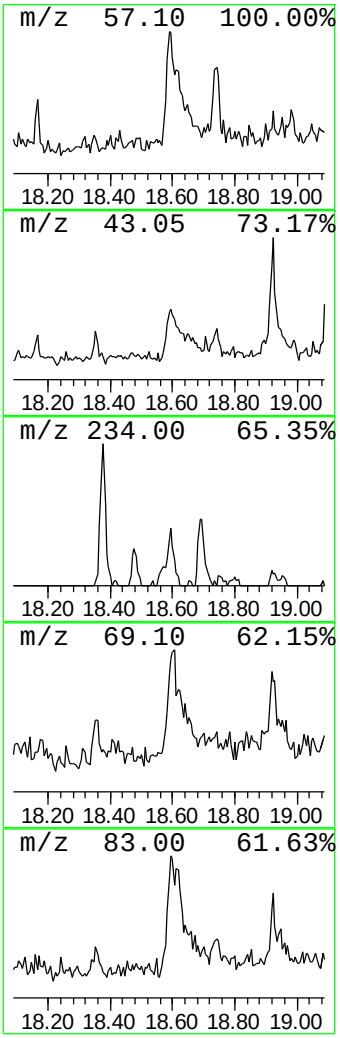
****

Peak Number 10 1-Pentadecanethiol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.82 ng	117825	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanethiol	244	C15H32S	025276-70-4	97
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	60
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	60
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	60
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	60





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Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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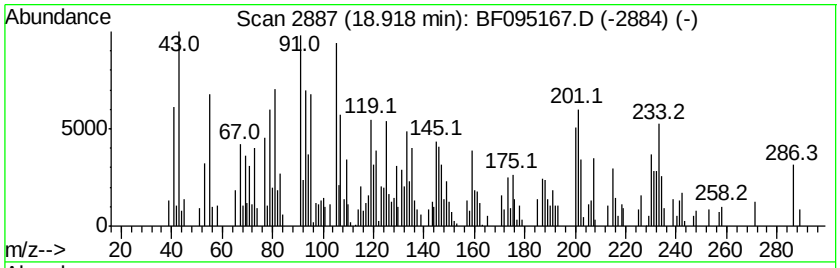
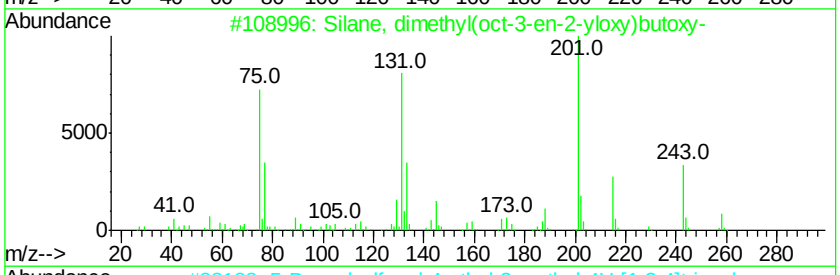
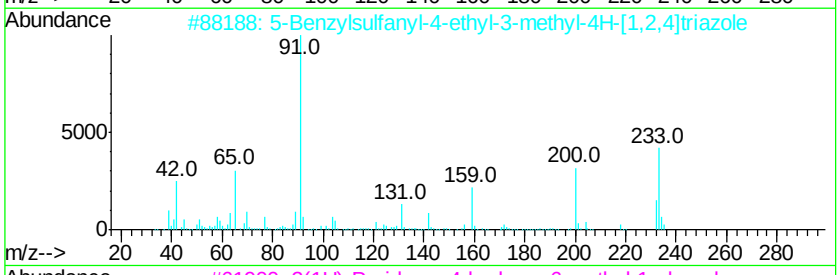
Peak Number 11 unknown18.92 Concentration Rank 6

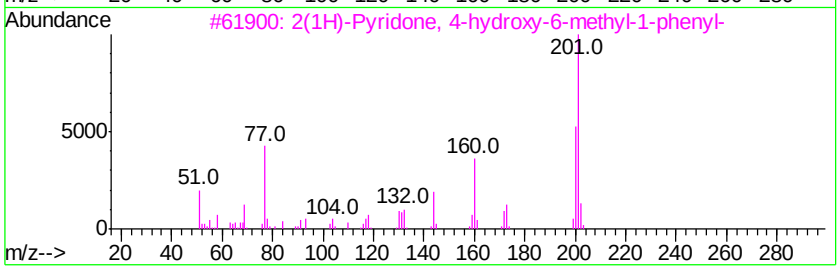
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	4.61 ng	192331	Chrysene-d12	18.69

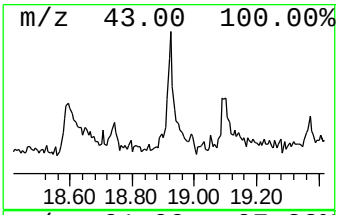
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dimethyl(oct-3-en-2-yloxy...	258	C14H30O2Si	1000347-93-1	20
2	5-Benzylsulfanyl-4-ethyl-3-methy...	233	C12H15N3S	1000301-14-2	18
3	2(1H)-Pyridone, 4-hydroxy-6-meth...	201	C12H11NO2	015250-44-9	15
4	5-Bromo-2-ethoxybenzaldehyde	228	C9H9BrO2	079636-94-5	14
5	(p-Furfurylphenyl)dimethylamine	201	C13H15NO	100371-88-8	11

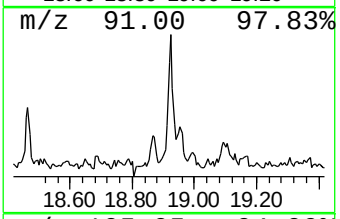


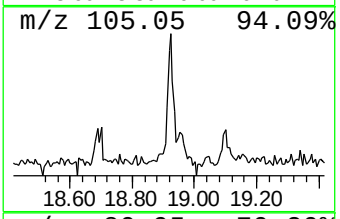


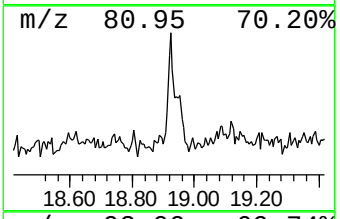


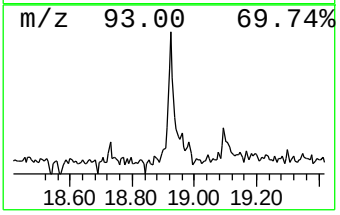












Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

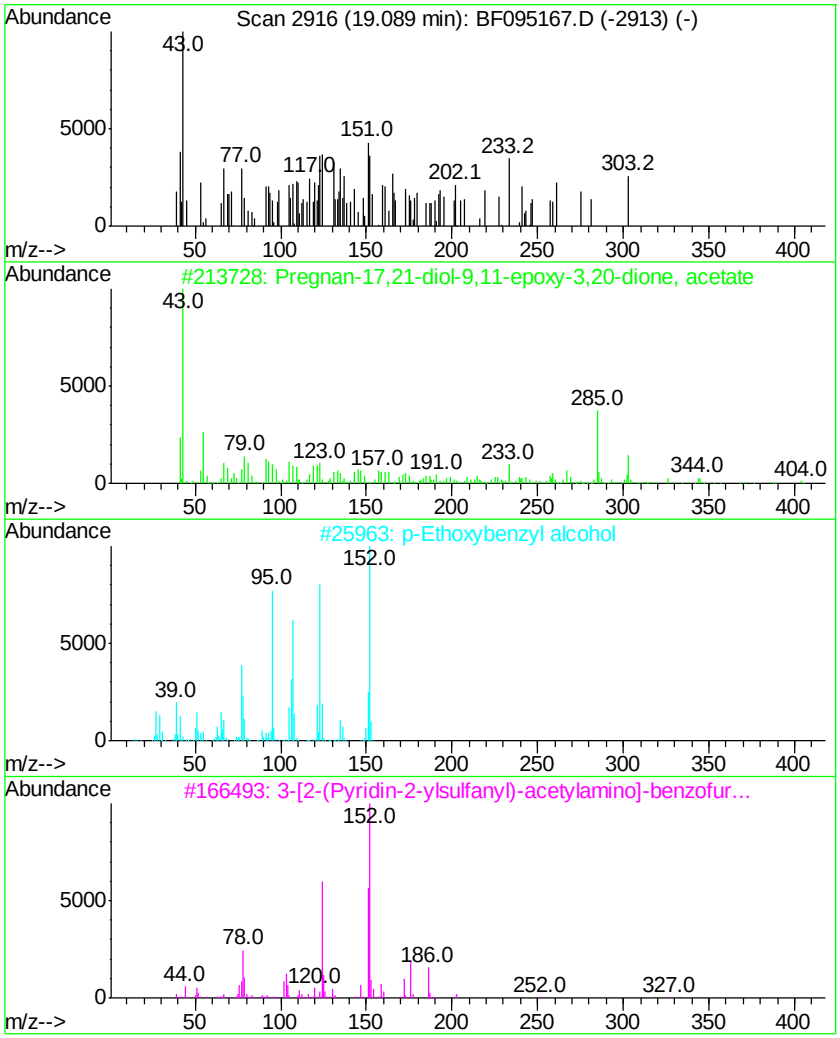
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

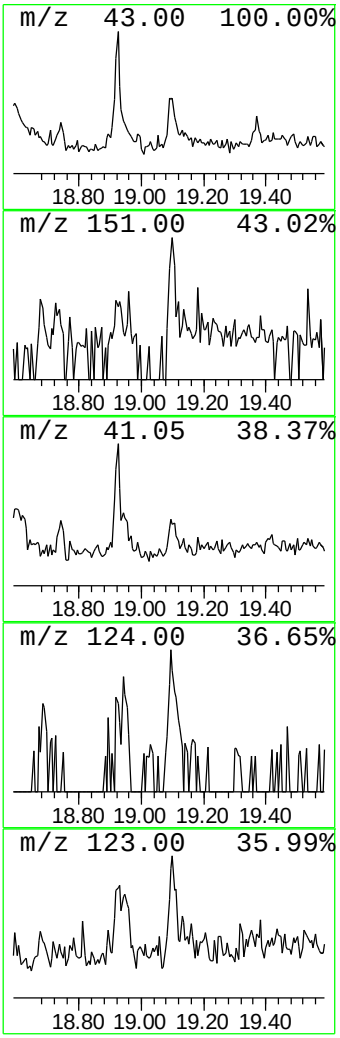
****

Peak Number 12 unknown19.09 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.20 ng	91856	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregnan-17,21-diol-9,11-epoxy-3,...	404	C23H32O6	1000128-35-3	32
2	p-Ethoxybenzyl alcohol	152	C9H12O2	006214-44-4	30
3	3-[2-(Pyridin-2-ylsulfanyl)-acet...	327	C16H13N3O3S	312517-73-0	12
4	2H-Benzo[b]1,4-thiazine-3(4H)-on...	249	C9H6F3NO2S	106240-09-9	12
5	1H-Pyrazole, 1,3,4,5-tetramethyl-	124	C7H12N2	001073-20-7	11





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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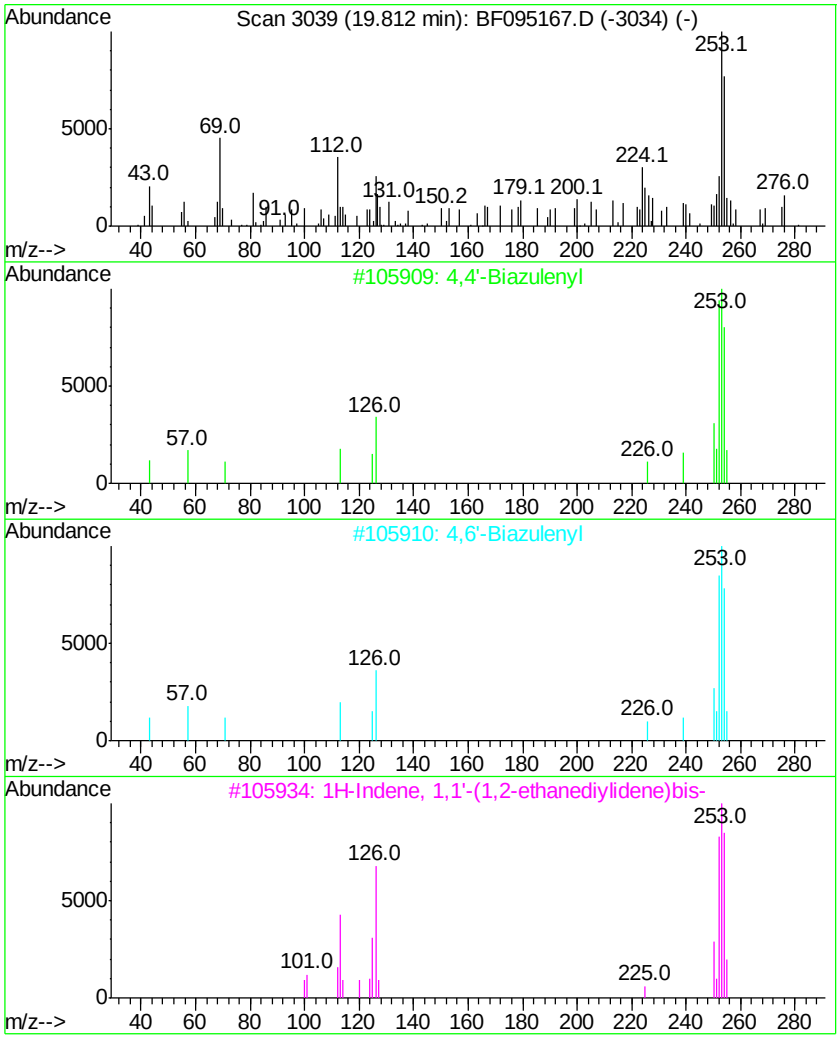
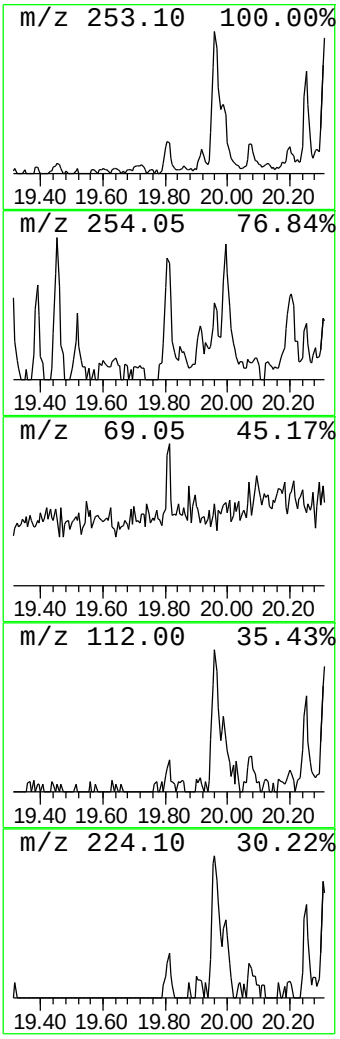
Peak Number 13 4,4'-Biazulenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.38 ng	55982	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Biazulenyl	254	C20H14	094053-54-0	60
2	4,6'-Biazulenyl	254	C20H14	094154-49-1	60
3	1H-Indene, 1,1'-(1,2-ethanedivli...	254	C20H14	072088-04-1	58
4	1,1'-Binaphthalene	254	C20H14	000604-53-5	52
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	52





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Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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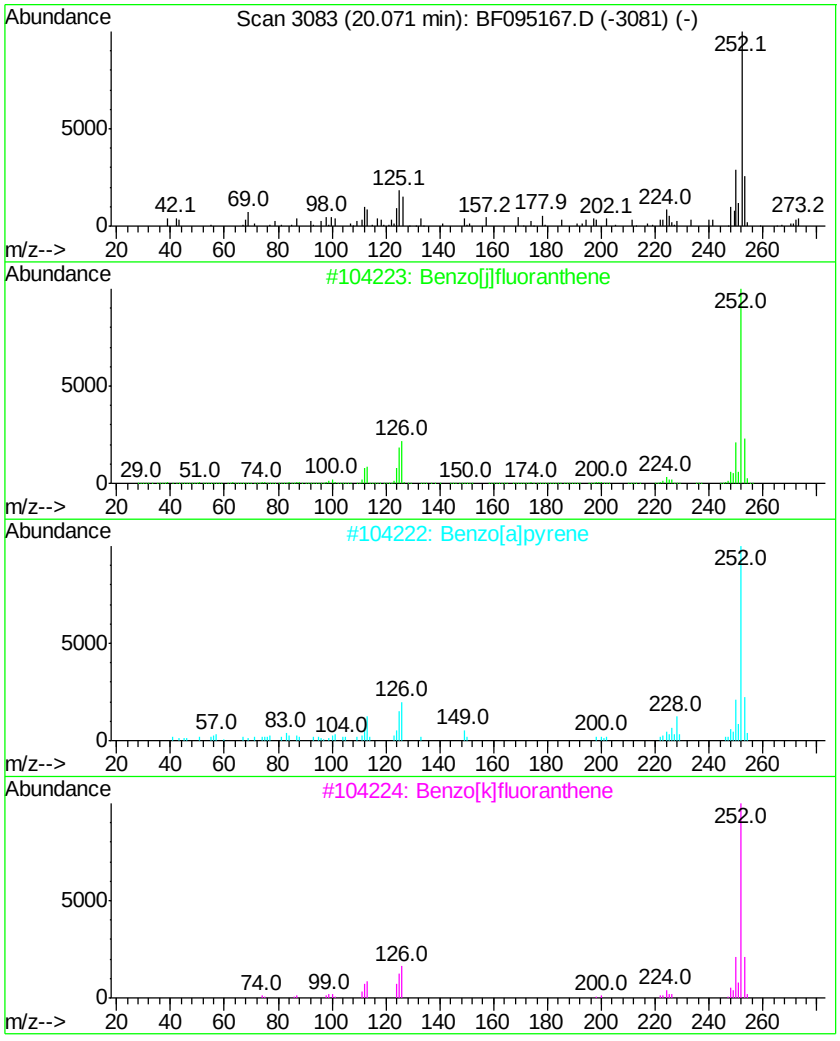
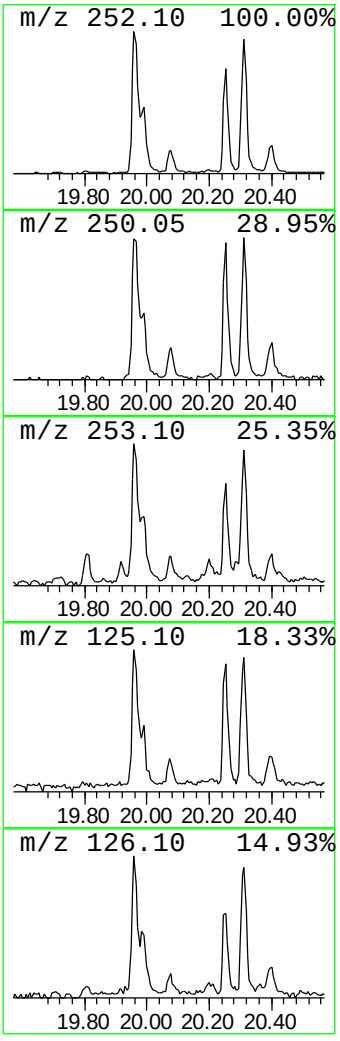
Peak Number 14 Benzo[j]fluoranthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	2.99 ng	70187	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
2	Benzo[a]pyrene	252	C20H12	000050-32-8	76
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4	Perylene	252	C20H12	000198-55-0	70
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	70





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Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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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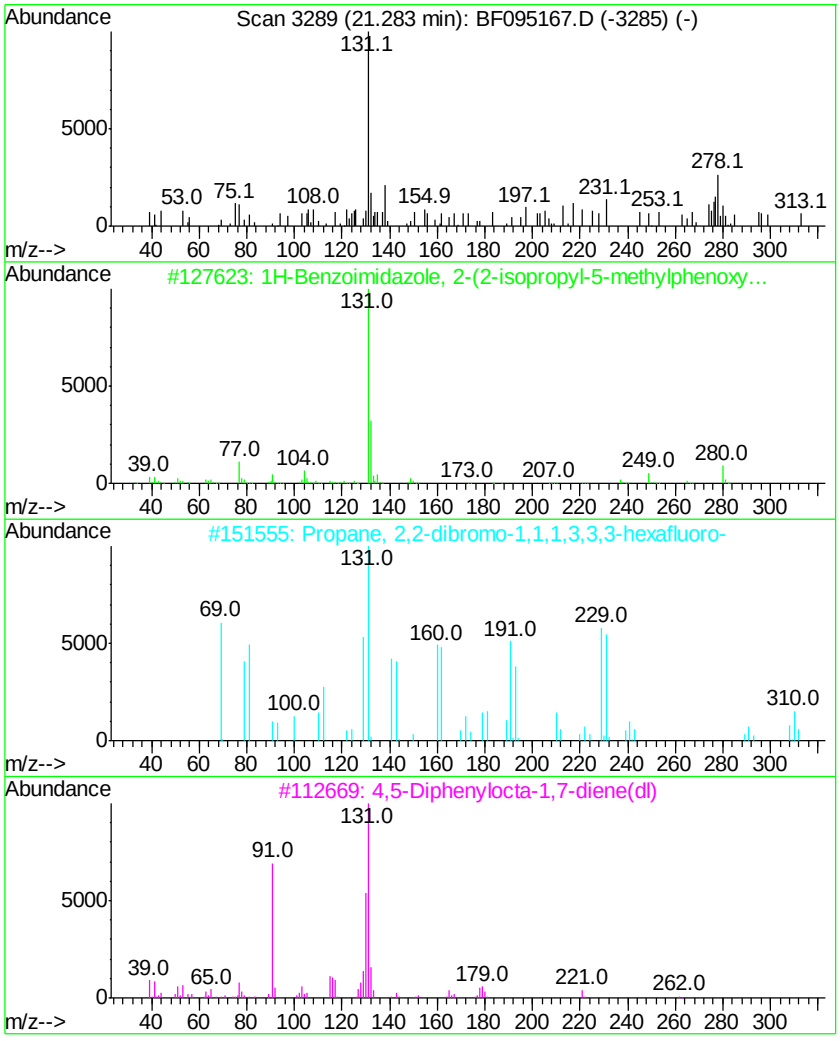
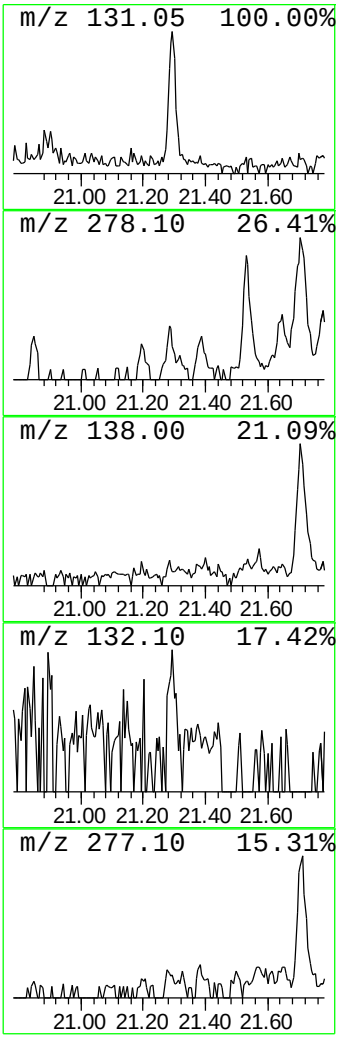
Peak Number 16 unknown21.28 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	2.18 ng	51080	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzoimidazole, 2-(2-isopropy...	280	C18H20N2O	1000310-83-4	38
2	Propane, 2,2-dibromo-1,1,1,3,3,3...	308	C3Br2F6	038568-21-7	35
3	4,5-Diphenylocta-1,7-diene(dl)	262	C20H22	1000215-92-8	25
4	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	25
5	Silane, [1-(5-ethenyltetrahydro-...	242	C13H26O2Si	057428-80-5	25





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM10-COMP-6-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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TIC Integration Parameters: LSCINT.P

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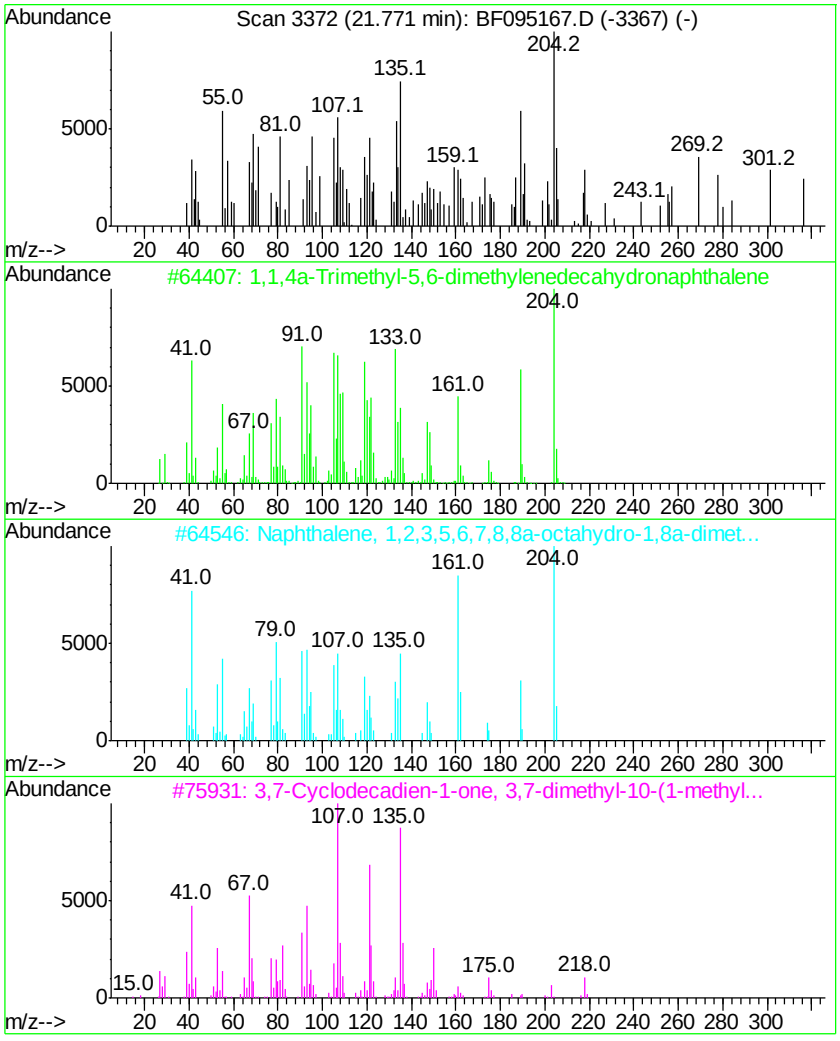
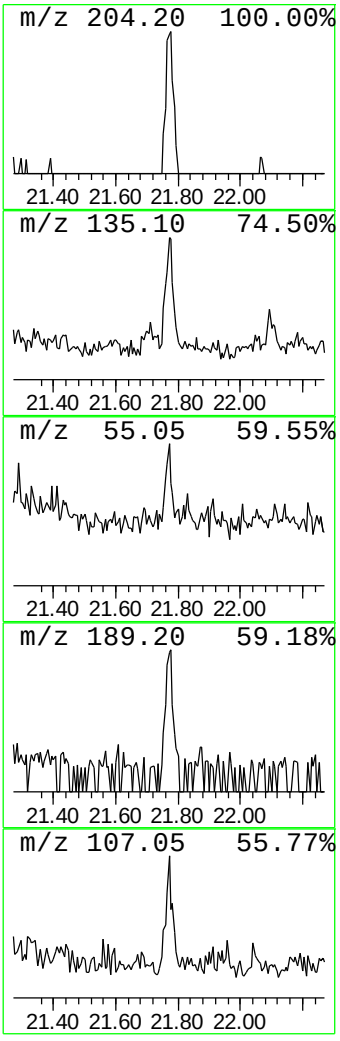
Peak Number 17 unknown21.77 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	5.97 ng	140051	Perylene-d12	20.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	49
3	3,7-Cyclodecadien-1-one, 3,7-dim...	218	C15H22O	006902-91-6	47
4	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	46
5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051617\
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Operator : SJ/MA
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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...	5.13	22.3	ng	637805	1	7.78	571215	20.0
unknown7.44	7.44	75.5	ng	2156920	1	7.78	571215	20.0
Phenanthrene, 2-m...	15.81	2.0	ng	72865	4	15.02	713284	20.0
Phenanthrene, 1-m...	15.85	2.5	ng	90259	4	15.02	713284	20.0
4H-Cyclopenta[def...	15.96	2.9	ng	101571	4	15.02	713284	20.0
Pyrene, 1-methyl-	17.42	2.1	ng	87331	5	18.69	835153	20.0
Pyrene, 2-methyl-	17.70	2.7	ng	113079	5	18.69	835153	20.0
unknown18.35	18.35	2.1	ng	86337	5	18.69	835153	20.0
1-Pentadecanethiol	18.59	2.8	ng	117825	5	18.69	835153	20.0
unknown18.92	18.92	4.6	ng	192331	5	18.69	835153	20.0
unknown19.09	19.09	2.2	ng	91856	5	18.69	835153	20.0
4,4'-Biazulenyl	19.81	2.4	ng	55982	6	20.36	469575	20.0
Benzo[j]fluoranthene	20.07	3.0	ng	70187	6	20.36	469575	20.0
unknown21.28	21.28	2.2	ng	51080	6	20.36	469575	20.0
unknown21.77	21.77	6.0	ng	140051	6	20.36	469575	20.0