LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094995.D
Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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	5.037	523	527	547	rBV	165297	359308	10.11%	1.063%
2	5.660	628	633	658	rBV	1973185	2965503	83.44%	8.775%
3	7.260	899	905	919	rBV	2042633	3043117	85.63%	9.004%
4	7.378	919	925	940	rVB	2518972	3292075	92.63%	9.741%
5	7.713	978	982	995	rBV	489516	575454	16.19%	1.703%
6	7.954	1018	1023	1042	rBV	2083086	2483674	69.89%	7.349%
7	8.619	1130	1136	1153	rBV	1439883	1969696	55.42%	5.828%
8	9.730	1321	1325	1343	rBV	505491	719439	20.24%	2.129%
9	11.513	1622	1628	1642	rBV	2815473	3553861	100.00%	10.515%
10	12.195	1741	1744	1757	rVB	171872	229981	6.47%	0.680%
11	12.336	1764	1768	1779	rBV	75737	102064	2.87%	0.302%
12	12.560	1801	1806	1820	rBV2	623510	866023	24.37%	2.562%
13	13.407	1946	1950	1955	rVB2	52549	63547	1.79%	0.188%
14	13.765	2000	2011	2015	rBV6	17510	38958	1.10%	0.115%
15	13.860	2021	2027	2042	rBV	1302976	1793831	50.48%	5.308%
16	14.177	2078	2081	2084	rBV	64348	73525	2.07%	0.218%
17	14.907	2201	2205	2210	rBV2	33568	41449	1.17%	0.123%
18	14.960	2210	2214	2219	rVV	599031	759919	21.38%	2.249%
19	15.001	2219	2221	2229	rVB	84315	105972	2.98%	0.314%
20	15.095	2234	2237	2246	rVB	45993	63247	1.78%	0.187%
21	15.748	2345	2348	2352	rBV	40300	45957	1.29%	0.136%
22	15.795	2352	2356	2364	rVV	48272	63963	1.80%	0.189%
23	15.901	2370	2374	2376	rBV2	63599	80522	2.27%	0.238%
24	15.930	2376	2379	2390	rVB3	122480	187780	5.28%	0.556%
25	16.542	2479	2483	2487	rBV	79154	98495	2.77%	0.291%
26	16.583	2487	2490	2494	rVB2	36836	51129	1.44%	0.151%
27	16.659	2499	2503	2509	rVB2	47051	65227	1.84%	0.193%
28	16.742	2513	2517	2523	rVB	486577	537955	15.14%	1.592%
29	16.877	2537	2540	2547	rVB	63666	68451	1.93%	0.203%
30	17.042	2561	2568	2574	rBV	530636	632263	17.79%	1.871%
31	17.295	2605	2611	2617	rVB	2376581	2882888	81.12%	8.530%
32	17.365	2617	2623	2632	rBV5	57292	113170	3.18%	0.335%
33	17.477	2637	2642	2644	rVV2	64528	98457	2.77%	0.291%
34	17.506	2644	2647	2653	rVB	123018	154626	4.35%	0.458%

LSC Area Percent Report

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Data File : BF094995.D
Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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	17.595	2659	2662	2666	rVB	79281	88830	2.50%	0.263%
36	17.642	2666	2670	2681	rBV2	94189	150230	4.23%	0.445%
37	17.753	2681	2689	2693	rBV2	66322	87790	2.47%	0.260%
38	17.801	2693	2697	2700	rBV	31312	35667	1.00%	0.106%
39	18.148	2749	2756	2761	rBV5	27893	60783	1.71%	0.180%
40	18.189	2761	2763	2767	rVB2	35729	38943	1.10%	0.115%
41	18.306	2780	2783	2786	rBV2	46495	60719	1.71%	0.180%
42	18.342	2786	2789	2792	rVV3	54389	59484	1.67%	0.176%
43	18.371	2792	2794	2797	rVV	42582	40648	1.14%	0.120%
44	18.412	2797	2801	2805	rVB4	27201	35822	1.01%	0.106%
45	18.630	2831	2838	2842	rBV2	591579	1005724	28.30%	2.976%
46	18.665	2842	2844	2853	rVV	319938	365052	10.27%	1.080%
47	18.759	2856	2860	2864	rVB3	50982	69505	1.96%	0.206%
48	18.842	2870	2874	2877	rBV2	45694	62626	1.76%	0.185%
49	18.906	2882	2885	2890	rVV2	36603	54830	1.54%	0.162%
50	18.953	2891	2893	2899	rVB5	31757	45247	1.27%	0.134%
51	19.136	2918	2924	2928	rVV	96141	125203	3.52%	0.370%
52	19.177	2928	2931	2934	rVB2	58609	56507	1.59%	0.167%
53	19.247	2940	2943	2946	rVB2	46176	50805	1.43%	0.150%
54	19.289	2946	2950	2952	rBV4	39990	60111	1.69%	0.178%
55	19.389	2964	2967	2975	rVB3	29787	45893	1.29%	0.136%
56	19.659	3004	3013	3017	rBV6	32064	86392	2.43%	0.256%
57	19.736	3023	3026	3029	rBV2	58088	67921	1.91%	0.201%
58	19.895	3048	3053	3056	rBV	442687	610961	17.19%	1.808%
59	20.006	3069	3072	3077	rVB	89189	98223	2.76%	0.291%
60	20.183	3098	3102	3109	rBV	272315	327000	9.20%	0.968%
61	20.242	3109	3112	3118	rBV	351810	429139	12.08%	1.270%
62	20.300	3118	3122	3125	rVV	417908	467445	13.15%	1.383%
63	20.330	3125	3127	3130	rVB	69779	70541	1.98%	0.209%
64	20.465	3148	3150	3155	rBV3	26281	49591	1.40%	0.147%
65	21.430	3310	3314	3316	rBV3	31926	40634	1.14%	0.120%
66	21.594	3336	3342	3351	rBV2	193767	365901	10.30%	1.083%
67	21.747	3363	3368	3372	rBV3	38802	80034	2.25%	0.237%
68	21.794	3373	3376	3382	rVB2	30438	57082	1.61%	0.169%
69	21.965	3401	3405	3413	rBV	132208	263748	7.42%	0.780%

Sum of corrected areas: 33796557

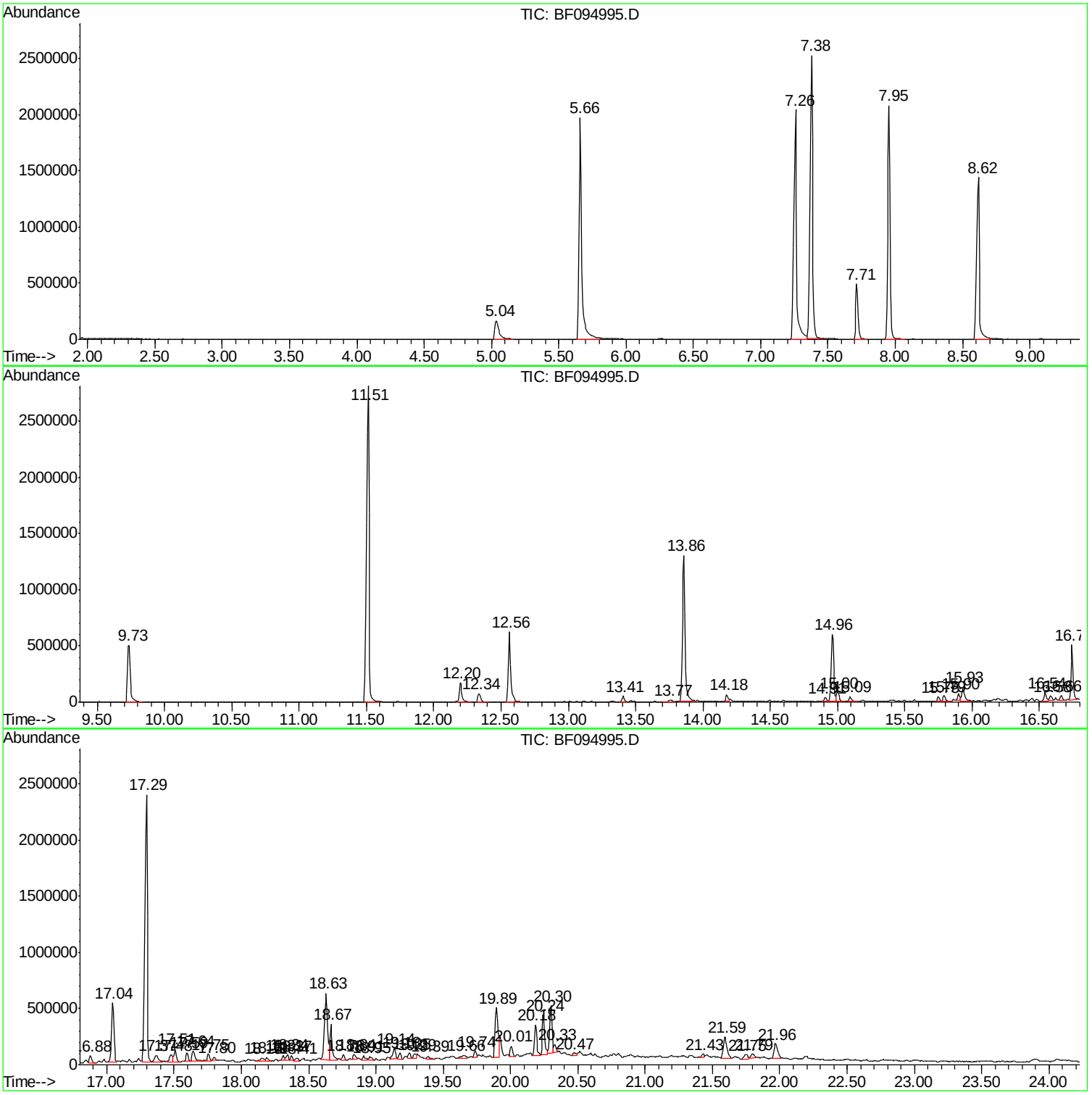
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094995.D
Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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\BF050817\
Data File : BF094995.D
Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
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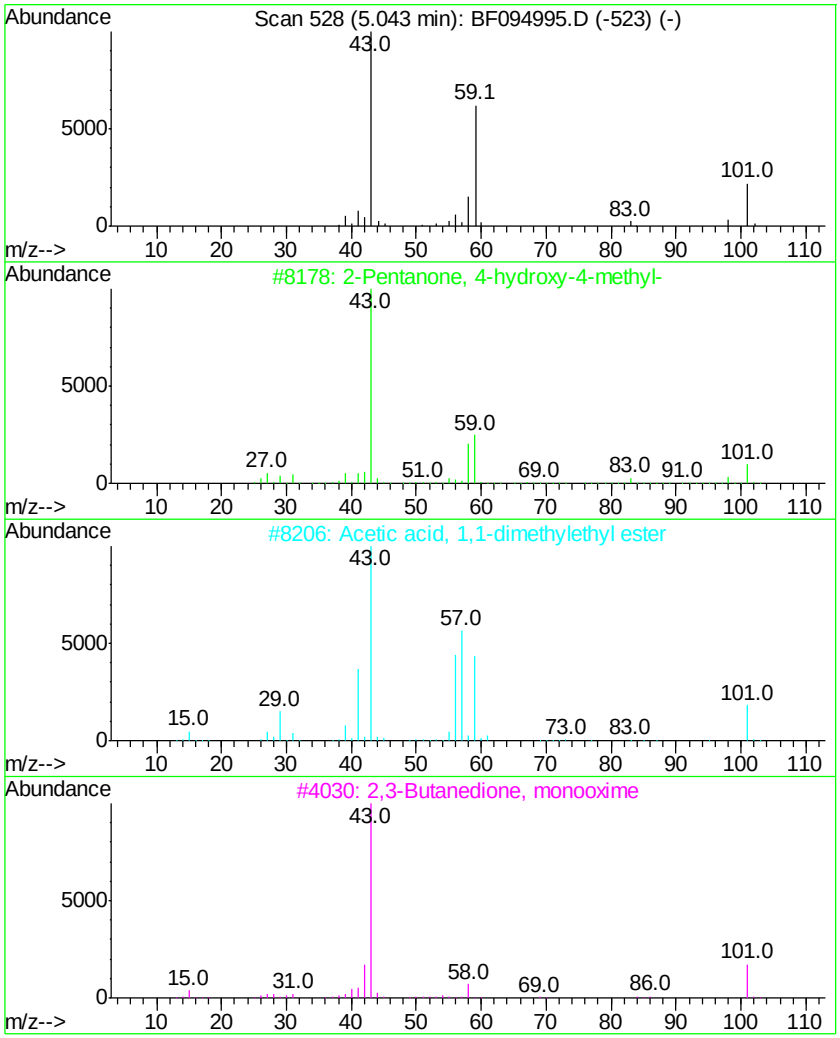
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

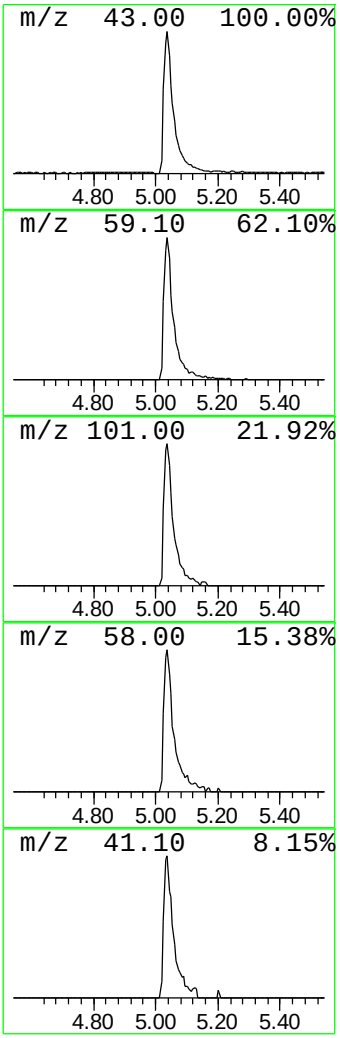
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	12.49 ng	359308	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	3-Hexanol	102	C6H14O	000623-37-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094995.D
Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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

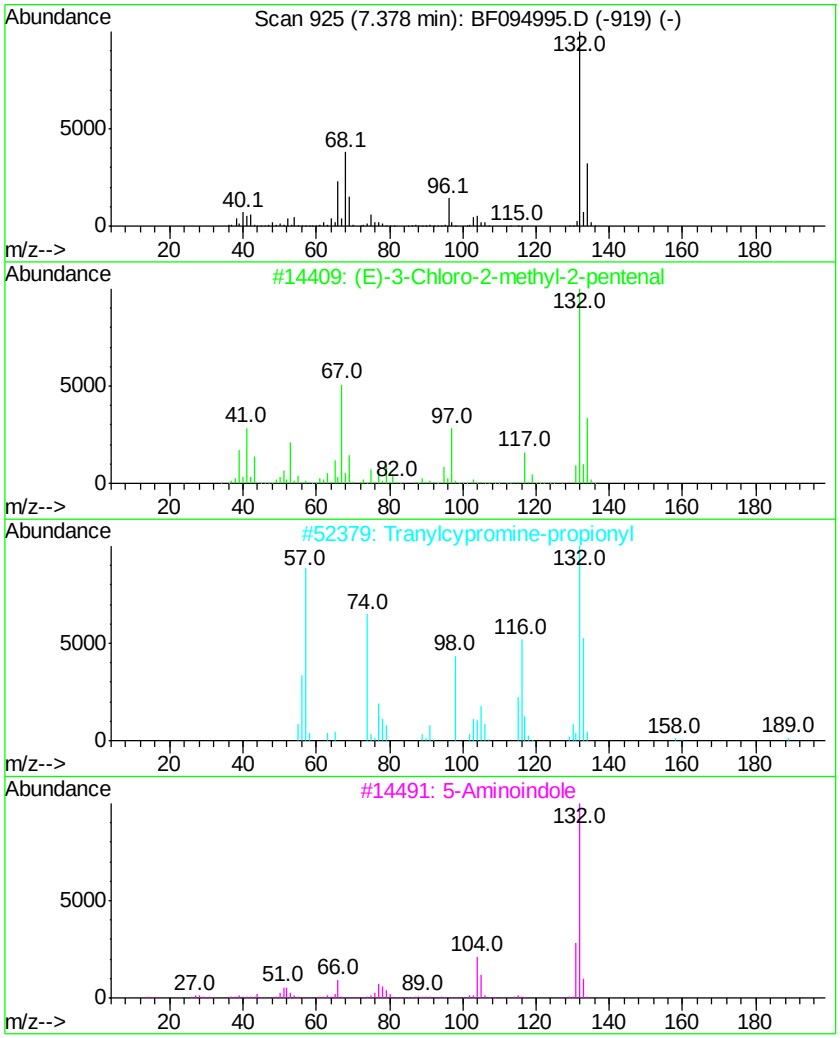
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

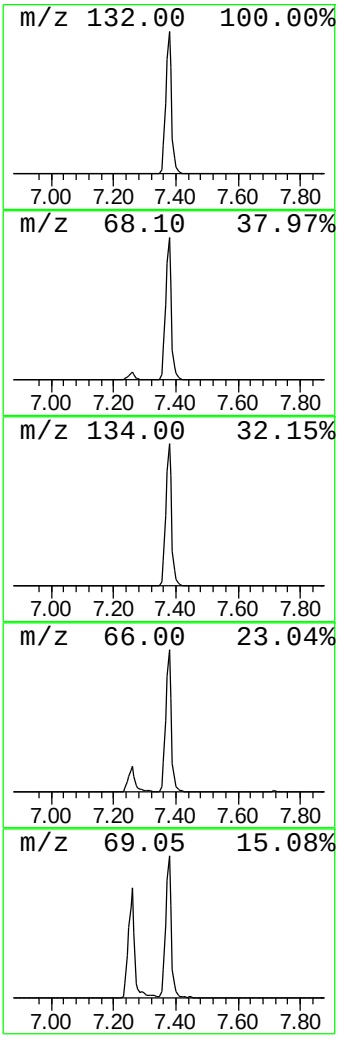
****

Peak Number 2 unknown7.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	114.42 ng	3292080	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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

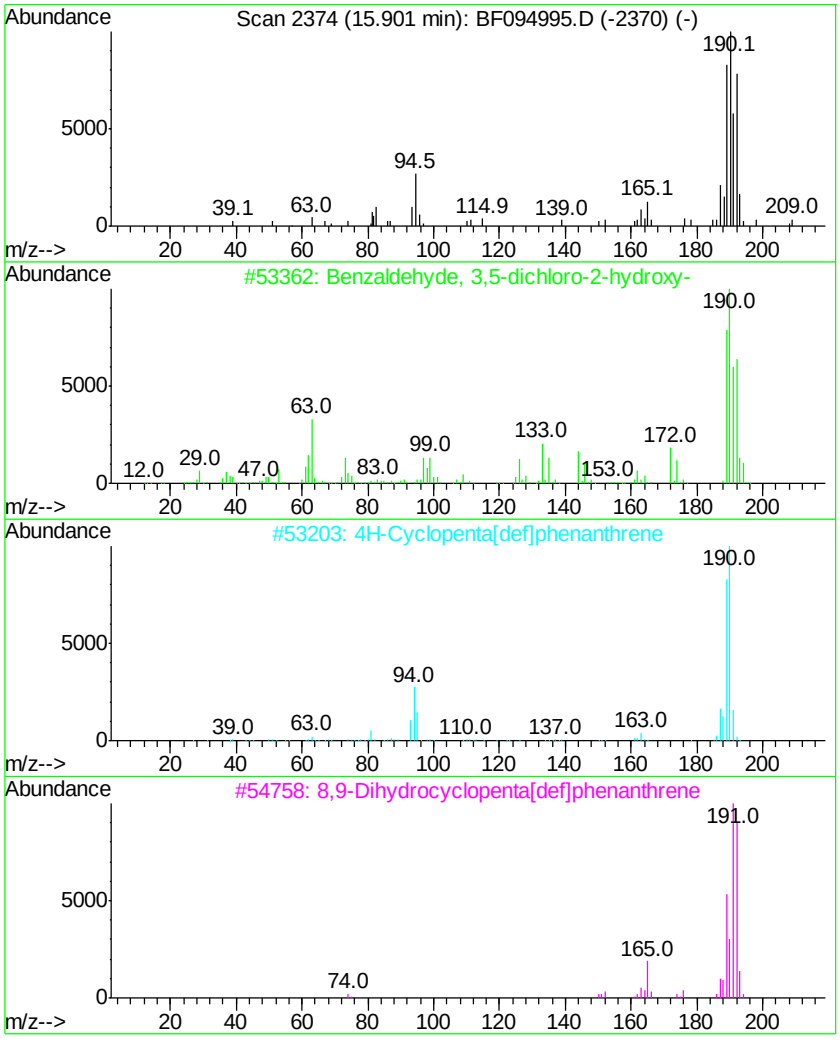
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

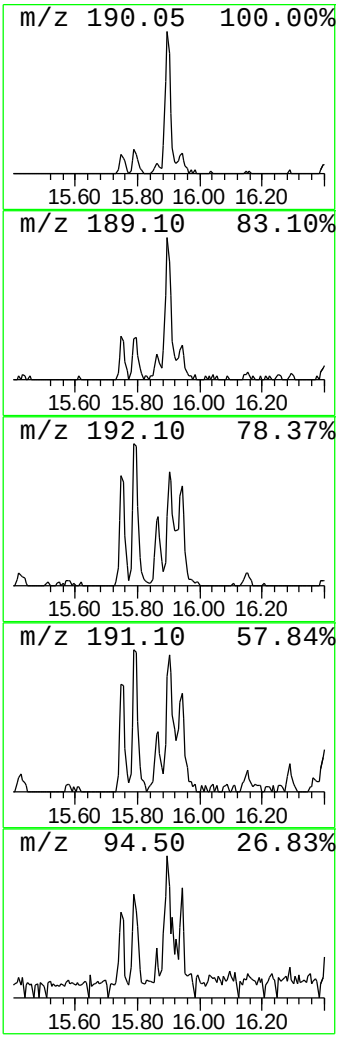
****

Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.12 ng	80522	Phenanthrene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	44
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094995.D
Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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

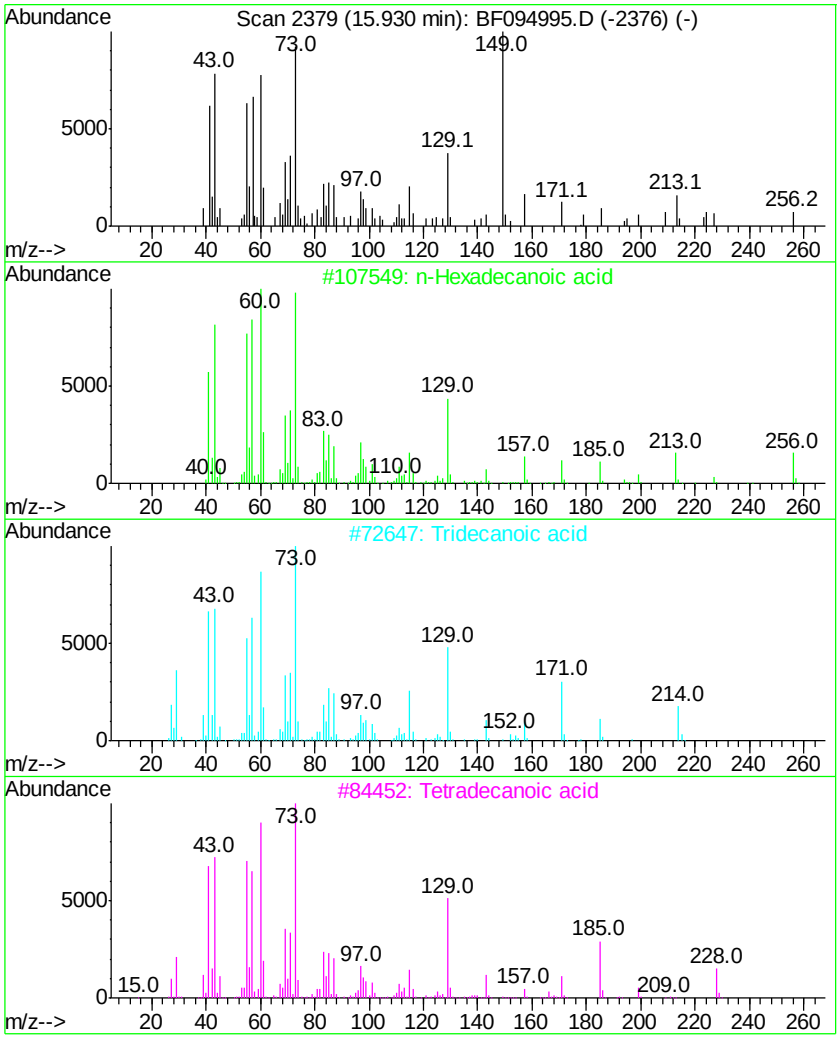
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

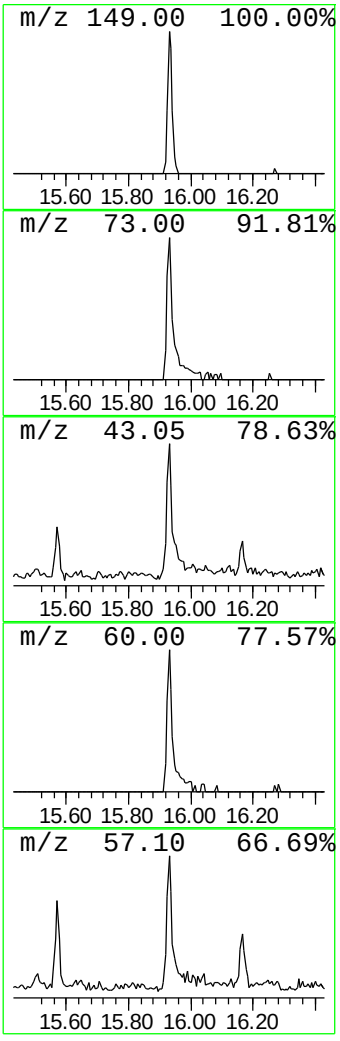
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	4.94 ng	187780	Phenanthrene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094995.D
Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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

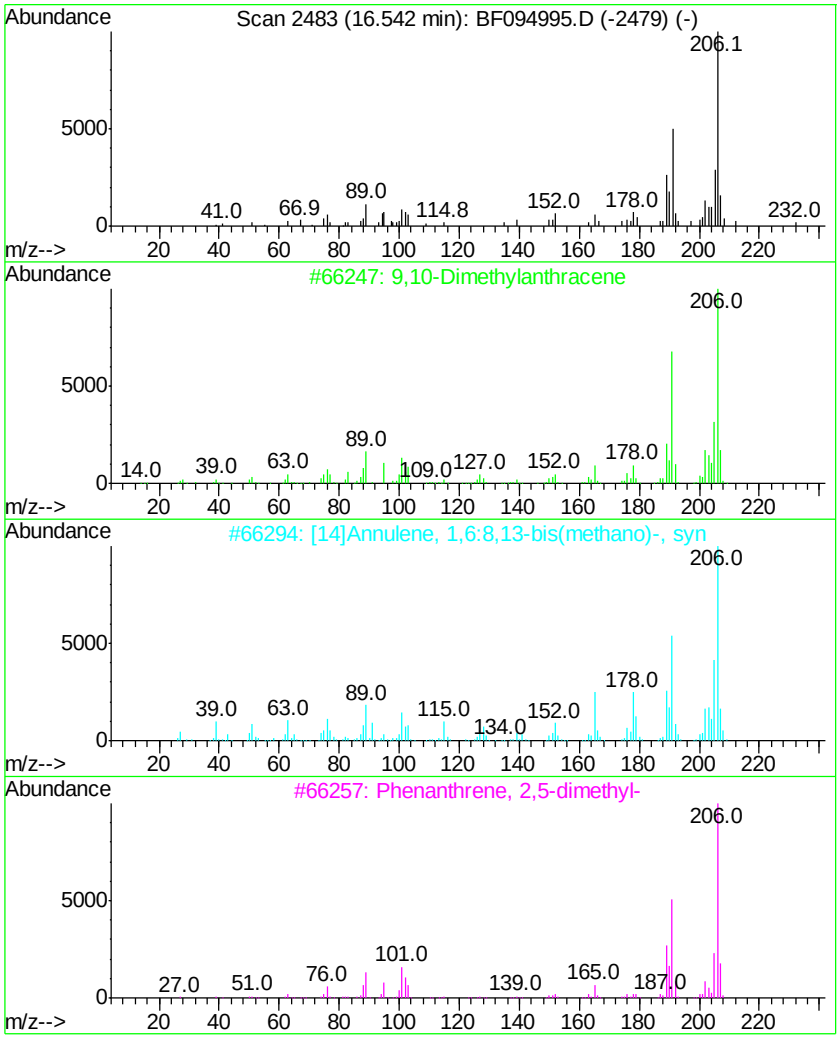
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

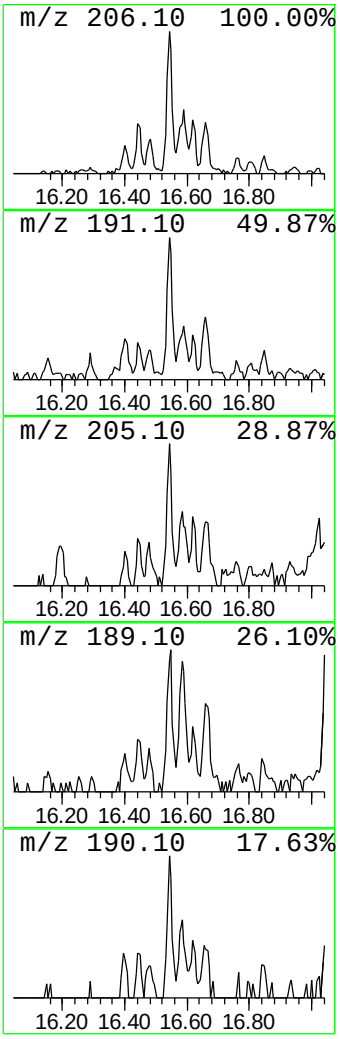
****

Peak Number 6 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	2.59 ng	98495	Phenanthrene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094995.D
Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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

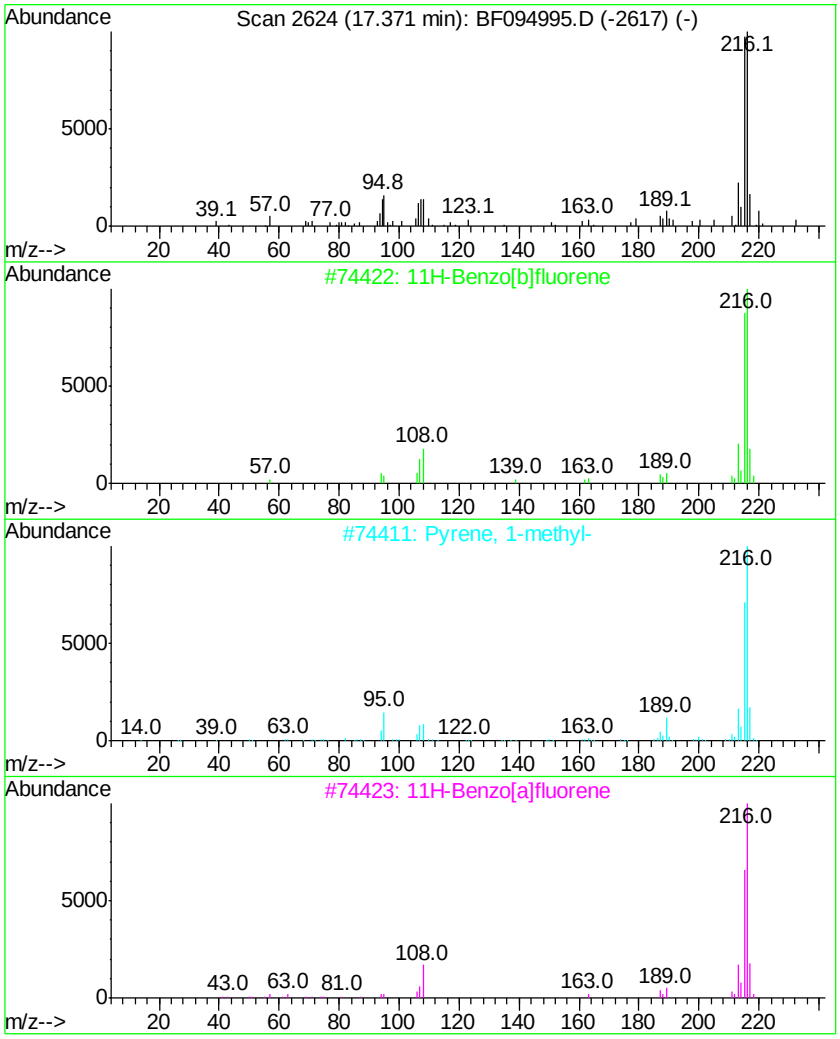
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

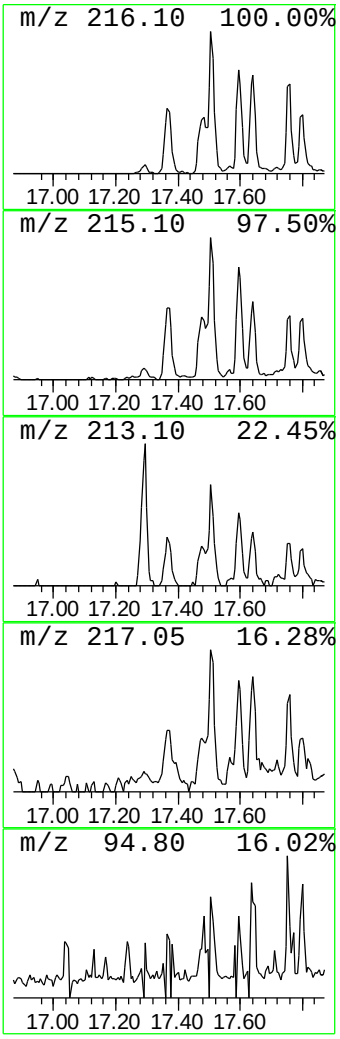
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.25 ng	113170	Chrysene-d12	18.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094995.D
Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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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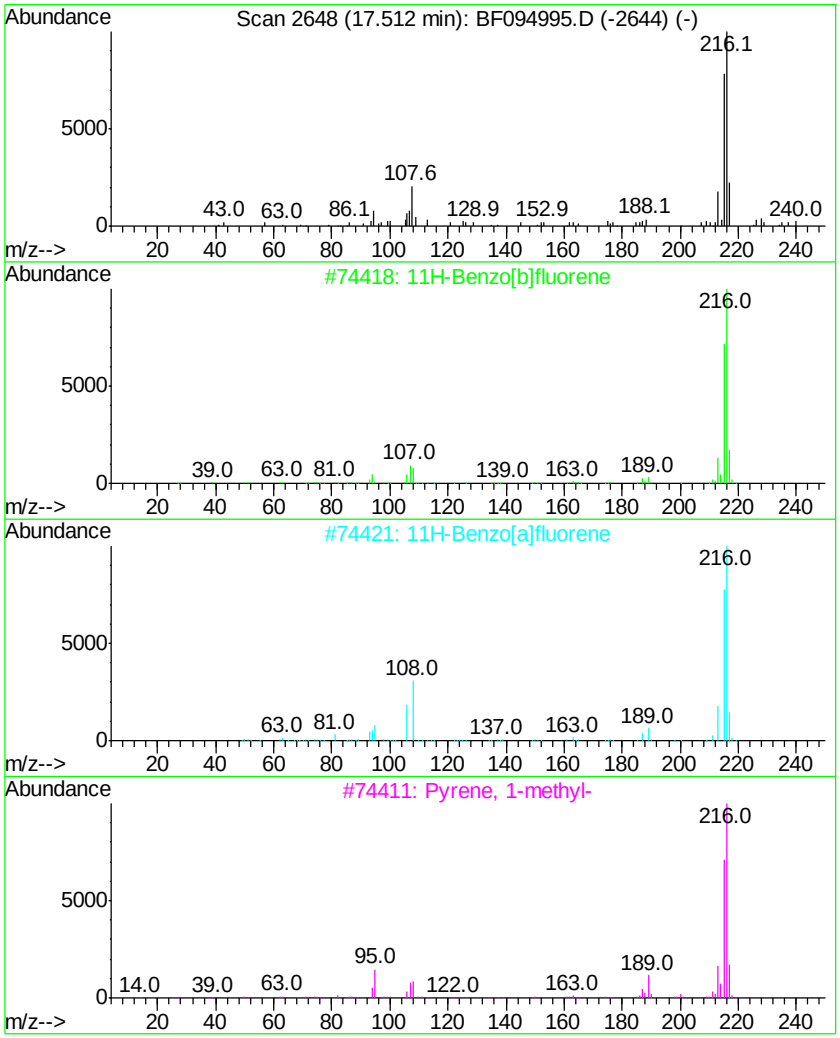
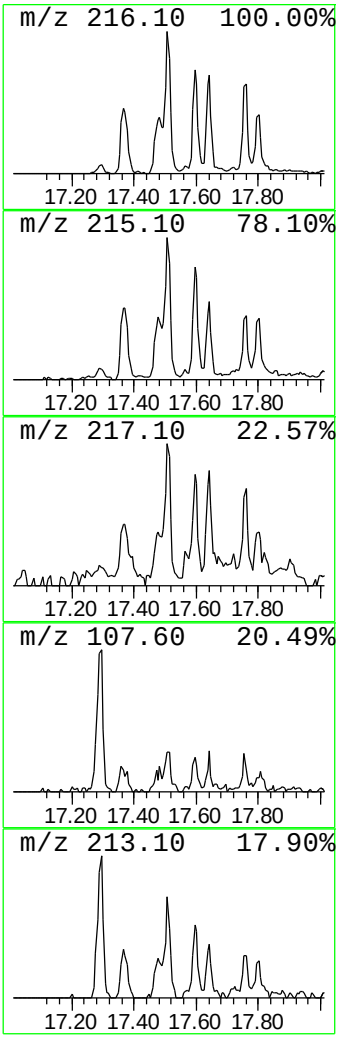
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	3.07 ng	154626	Chrysene-d12	18.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094995.D
Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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

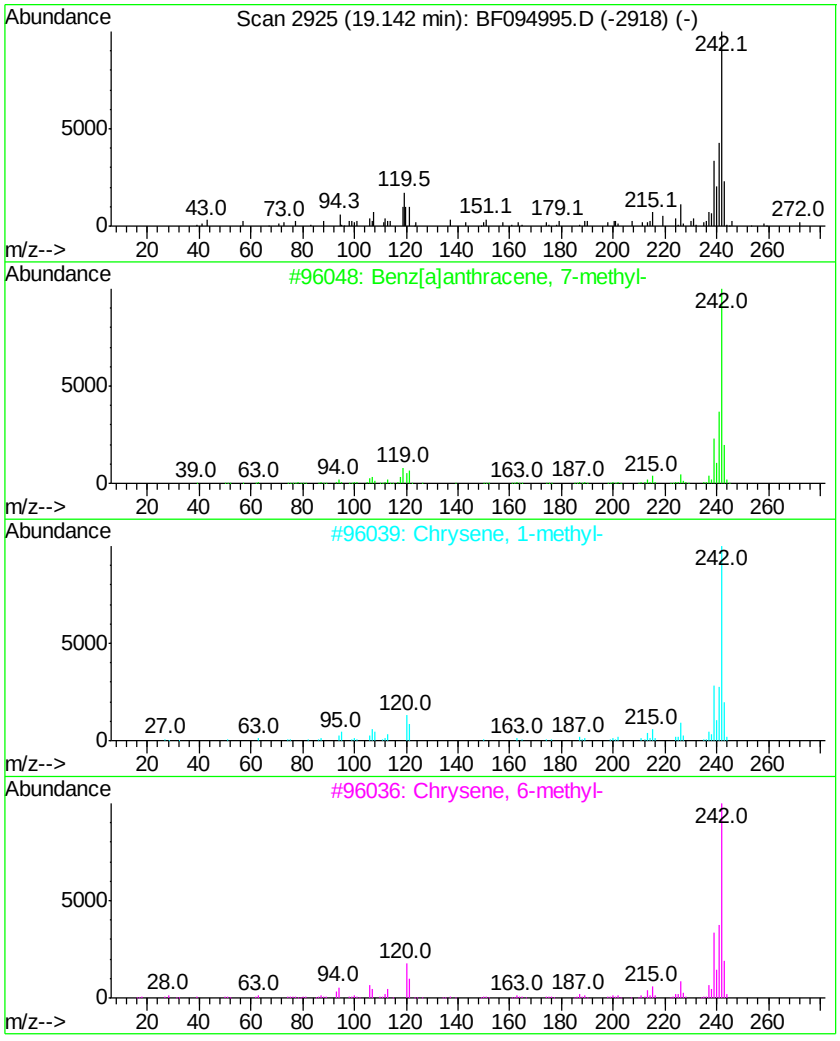
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

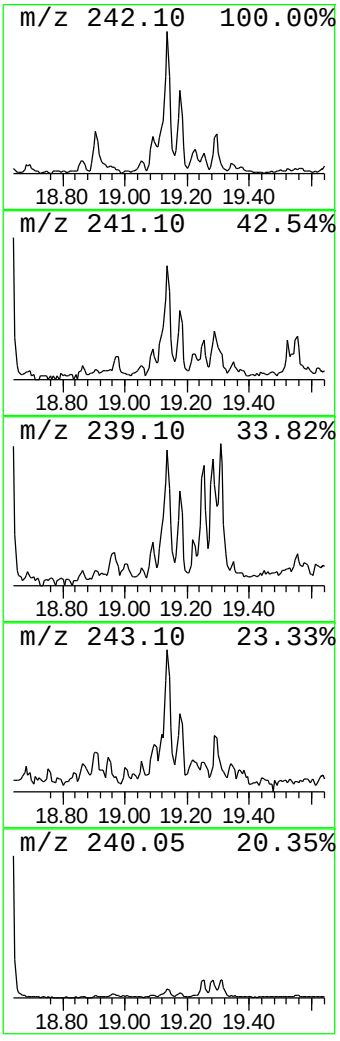
****

Peak Number 10 Benz[a]anthracene, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.49 ng	125203	Chrysene-d12	18.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	86
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	81
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	76





Library Search Compound Report

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Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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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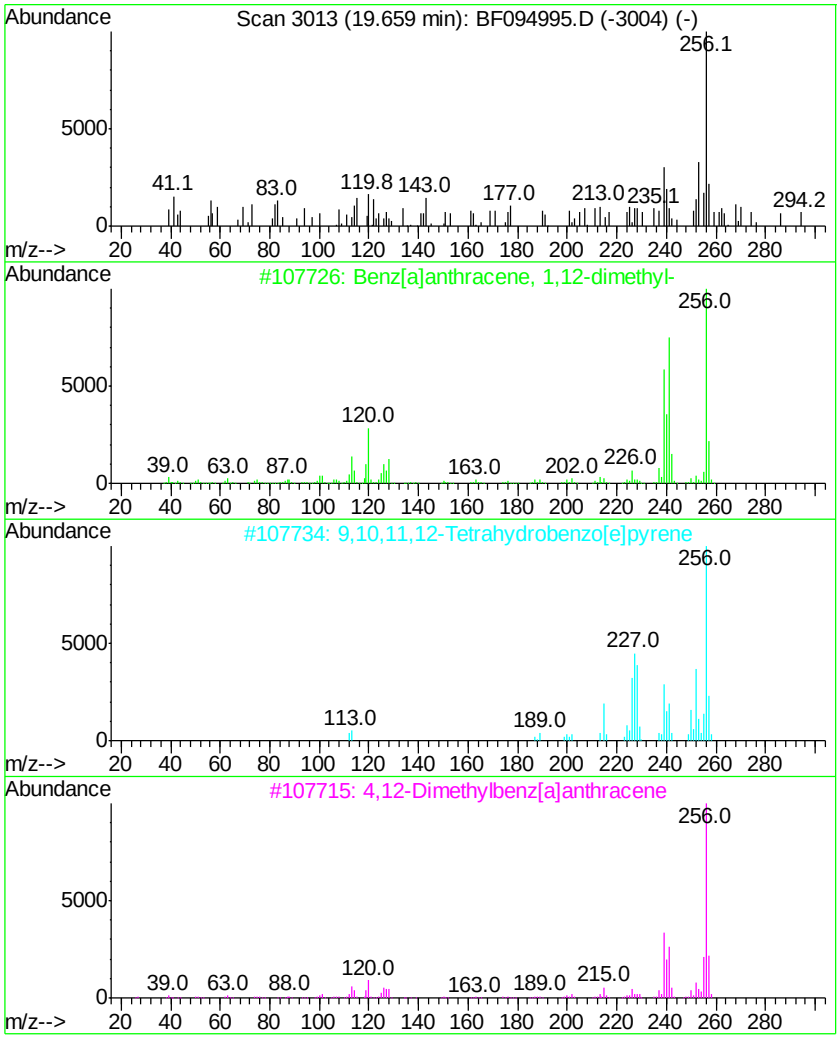
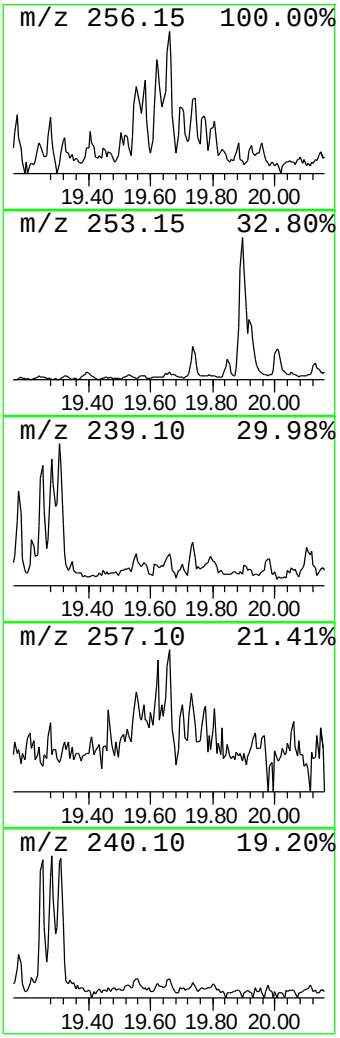
Peak Number 11 Benz[a]anthracene, 1,12-dim... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	3.70 ng	86392	Perylene-d12	20.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	62
2	9,10,11,12-Tetrahydrobenzo[e]pyrene	256	C20H16	067099-81-4	62
3	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	62
4	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	58
5	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	53





Library Search Compound Report

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Data File : BF094995.D
Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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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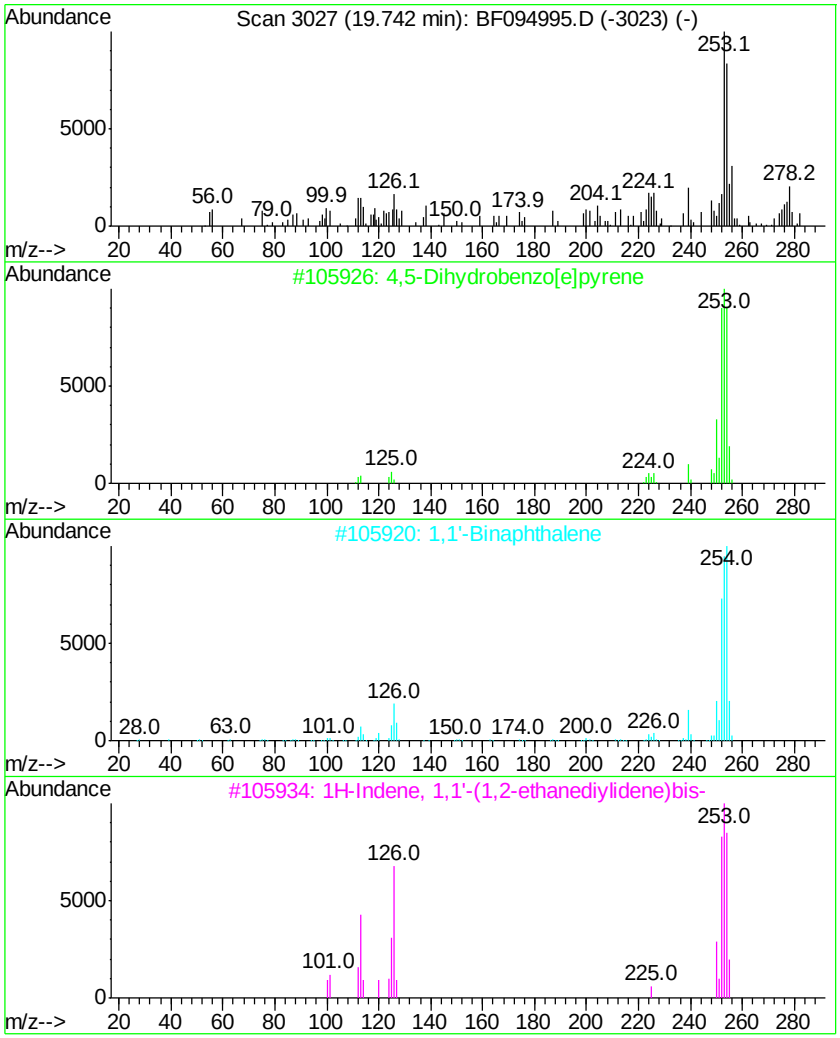
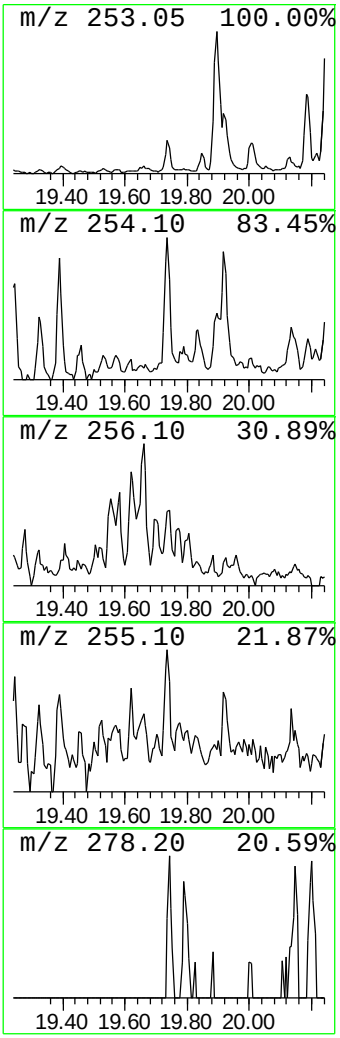
Peak Number 12 4,5-Dihydrobenzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.91 ng	67921	Perylene-d12	20.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	81
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	76
3	1H-Indene, 1,1'-(1,2-ethanedivli...	254	C20H14	072088-04-1	70
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	64
5	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	60





Library Search Compound Report

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Data File : BF094995.D
Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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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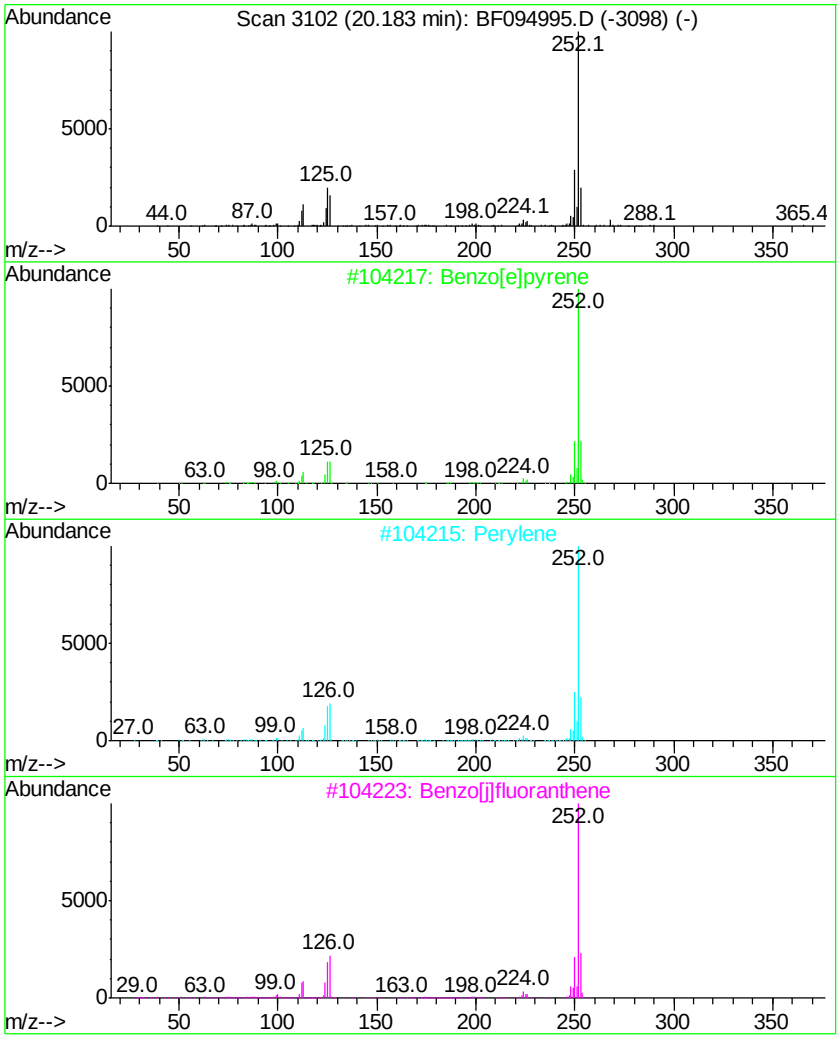
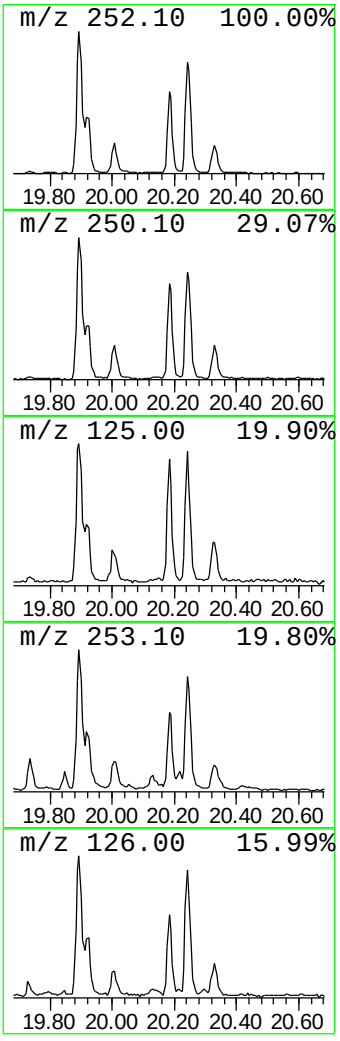
Peak Number 14 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	13.99 ng	327000	Perylene-d12	20.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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Acq On : 8 May 2017 23:18
Operator : SJ/MA
Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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
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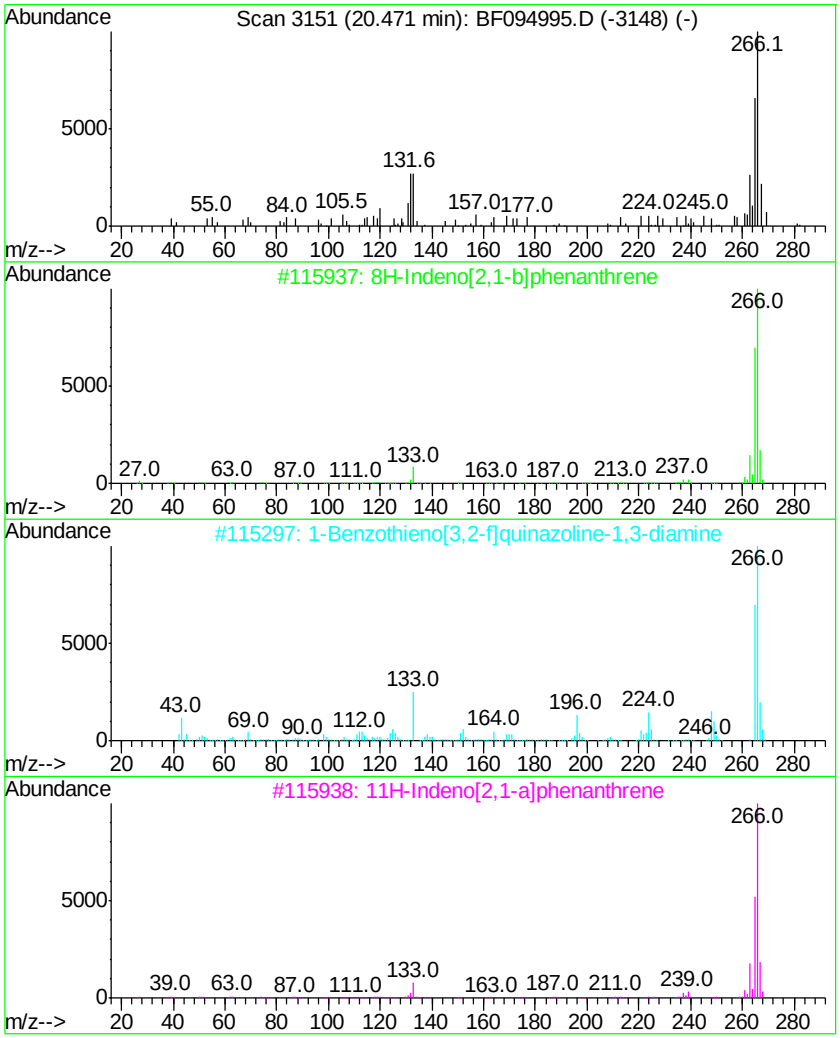
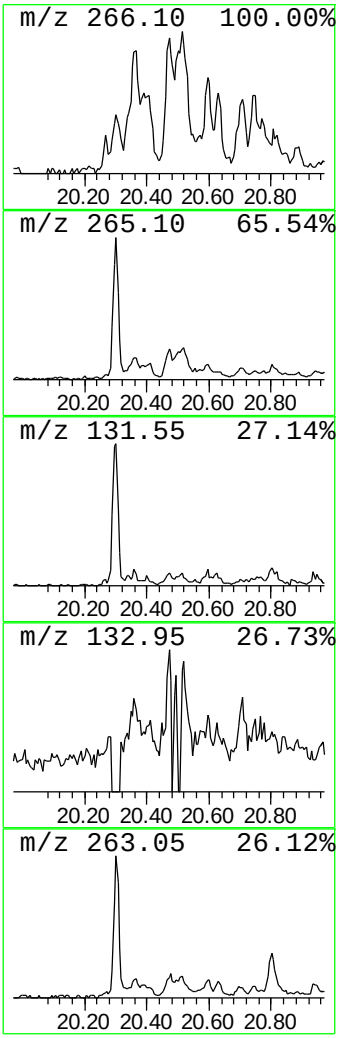
Peak Number 15 8H-Indeno[2,1-b]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	2.12 ng	49591	Perylene-d12	20.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	53
2	1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	52
3	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	52
4	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	47
5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	47





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Sample : I3040-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-5COMP

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

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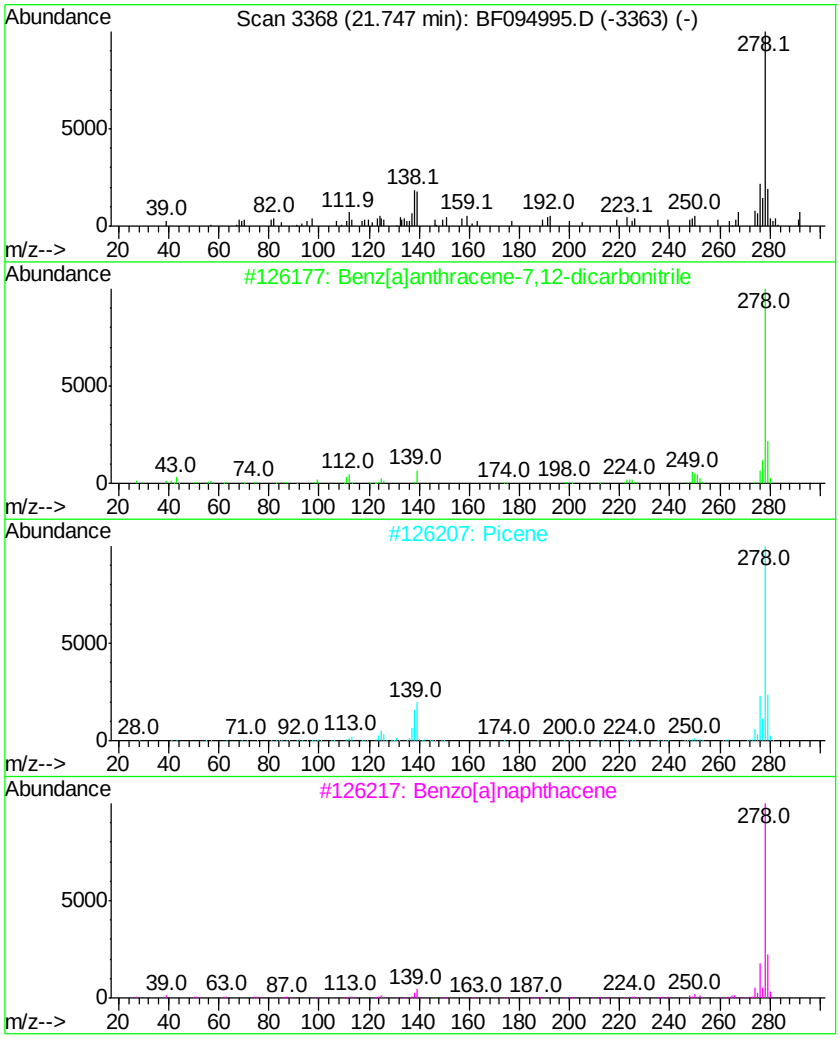
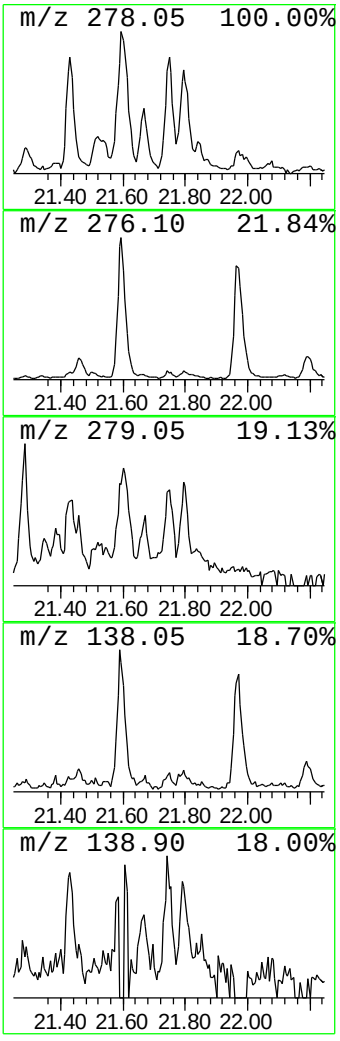
Peak Number 16 Benz[a]anthracene-7,12-dica... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	3.42 ng	80034	Perylene-d12	20.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	76
2	Picene	278	C22H14	000213-46-7	70
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	64
4	Pentaphene	278	C22H14	000222-93-5	62
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	60





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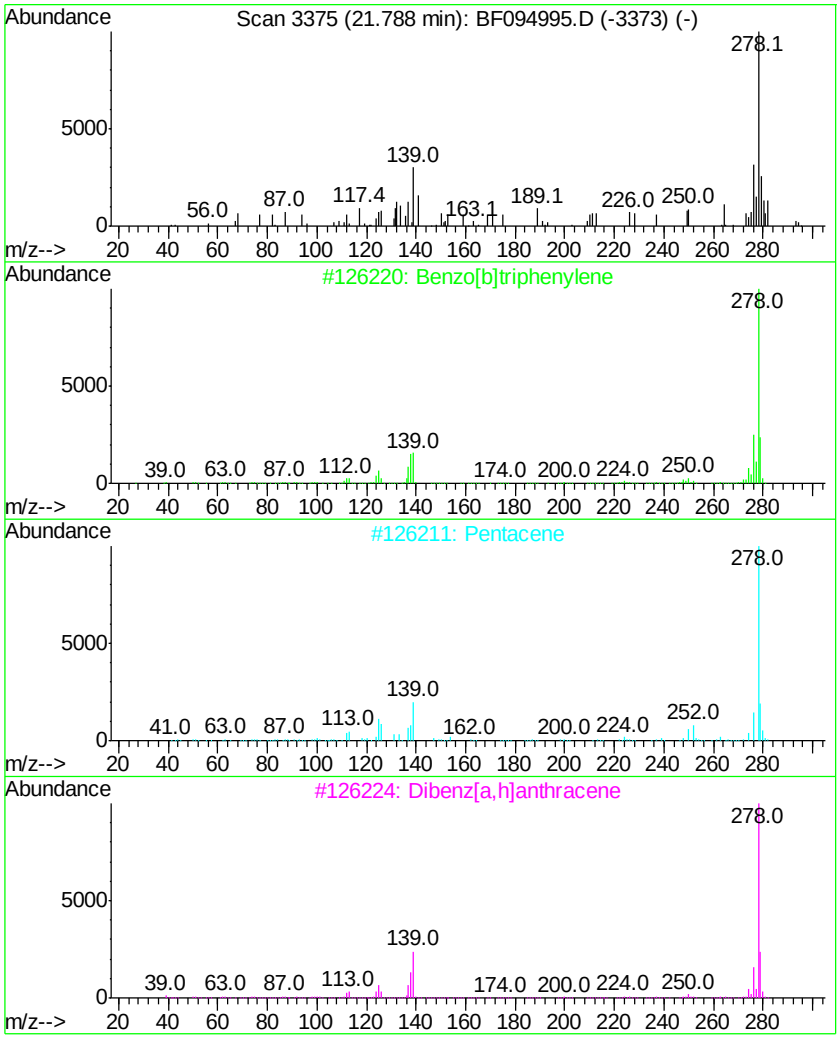
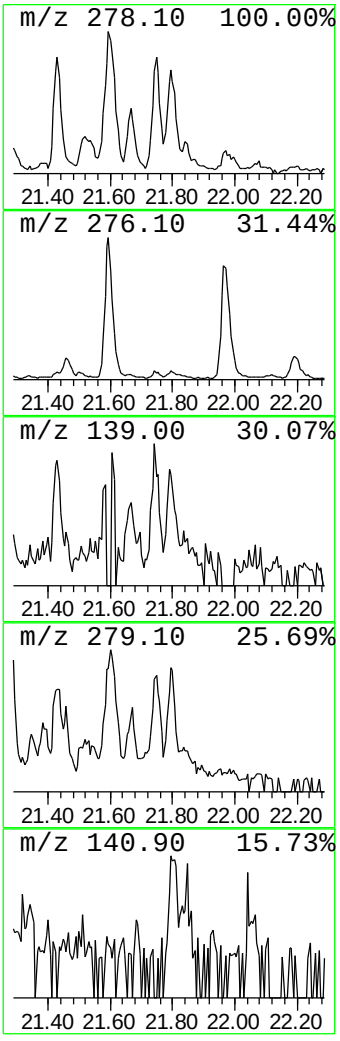
Peak Number 17 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.44 ng	57082	Perylene-d12	20.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	53
2	Pentacene	278	C22H14	000135-48-8	50
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	46
4	Picene	278	C22H14	000213-46-7	46
5	Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	43





Tentatively Identified Compound (LSC) summary

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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...	5.04	12.5	ng	359308	1	7.71	575454	20.0
unknown7.38	7.38	114.4	ng	3292080	1	7.71	575454	20.0
Benzaldehyde, 3,5...	15.90	2.1	ng	80522	4	14.96	759919	20.0
n-Hexadecanoic acid	15.93	4.9	ng	187780	4	14.96	759919	20.0
9,10-Dimethylanth...	16.54	2.6	ng	98495	4	14.96	759919	20.0
11H-Benzo[b]fluorene	17.37	2.3	ng	113170	5	18.63	1005720	20.0
Pyrene, 1-methyl-	17.51	3.1	ng	154626	5	18.63	1005720	20.0
Benz[a]anthracene...	19.14	2.5	ng	125203	5	18.63	1005720	20.0
Benz[a]anthracene...	19.66	3.7	ng	86392	6	20.30	467445	20.0
4,5-Dihydrobenzo[...	19.74	2.9	ng	67921	6	20.30	467445	20.0
Benzo[e]pyrene	20.18	14.0	ng	327000	6	20.30	467445	20.0
8H-Indeno[2,1-b]p...	20.47	2.1	ng	49591	6	20.30	467445	20.0
Benz[a]anthracene...	21.75	3.4	ng	80034	6	20.30	467445	20.0
Benzo[b]triphenylene	21.79	2.4	ng	57082	6	20.30	467445	20.0