LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095389.D
Acq On : 24 May 2017 15:15
Operator : SJ/MA
Sample : I3290-06 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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	5.125	539	542	552	rBV2	19848	54959	3.64%	0.244%
2	5.737	643	646	673	rBV	225185	768186	50.93%	3.415%
3	7.307	910	913	929	rBV	236578	699162	46.36%	3.108%
4	7.419	929	932	954	rVB	506929	1081571	71.71%	4.808%
5	7.748	985	988	1004	rBV	338344	472296	31.31%	2.099%
6	7.983	1024	1028	1047	rBV	584520	810583	53.74%	3.603%
7	8.666	1140	1144	1168	rBV	187263	539988	35.80%	2.400%
8	9.777	1329	1333	1362	rBV	295758	685088	45.42%	3.045%
9	11.542	1629	1633	1650	rBV	678330	1173085	77.78%	5.215%
10	12.254	1750	1754	1768	rBV	66304	141261	9.37%	0.628%
11	12.395	1772	1778	1786	rBV	25316	40010	2.65%	0.178%
12	12.607	1809	1814	1830	rBV2	442662	786054	52.12%	3.494%
13	13.430	1951	1954	1958	rVB2	32769	36578	2.43%	0.163%
14	13.795	2010	2016	2021	rBV4	21926	39351	2.61%	0.175%
15	13.907	2031	2035	2047	rBV	280131	577989	38.32%	2.569%
16	14.207	2082	2086	2088	rBV	39794	45683	3.03%	0.203%
17	14.230	2088	2090	2097	rVB2	27105	39181	2.60%	0.174%
18	14.936	2207	2210	2214	rBV	32910	36379	2.41%	0.162%
19	15.007	2218	2222	2238	rVV2	473488	846200	56.11%	3.762%
20	15.154	2242	2247	2253	rVB	25660	41980	2.78%	0.187%
21	15.542	2309	2313	2319	rVV3	15375	21713	1.44%	0.097%
22	15.665	2329	2334	2341	rBV3	20200	30914	2.05%	0.137%
23	15.801	2347	2357	2361	rBV	41296	55146	3.66%	0.245%
24	15.842	2361	2364	2372	rVV	43486	55995	3.71%	0.249%
25	15.942	2372	2381	2387	rVV3	112058	233035	15.45%	1.036%
26	15.989	2387	2389	2402	rVB2	52607	81094	5.38%	0.360%
27	16.236	2427	2431	2436	rBV	44198	62673	4.16%	0.279%
28	16.489	2471	2474	2477	rVV	21334	24671	1.64%	0.110%
29	16.524	2477	2480	2485	rVB2	15989	21100	1.40%	0.094%
30	16.589	2485	2491	2494	rBV	76399	102431	6.79%	0.455%
31	16.630	2494	2498	2501	rVV2	49030	67996	4.51%	0.302%
32	16.665	2501	2504	2507	rVV2	22405	27246	1.81%	0.121%
33	16.701	2507	2510	2518	rVV5	35612	65835	4.37%	0.293%
34	16.783	2520	2524	2537	rVV	1019254	1334293	88.47%	5.931%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3290-06 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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	16.889	2539	2542	2545	rVV4	20345	25742	1.71%	0.114%
36	16.930	2545	2549	2555	rVB	42544	58551	3.88%	0.260%
37	16.989	2555	2559	2563	rBV	32582	40677	2.70%	0.181%
38	17.089	2571	2576	2586	rVV	1174515	1508235	100.00%	6.705%
39	17.159	2586	2588	2591	rVV2	24154	28347	1.88%	0.126%
40	17.289	2604	2610	2612	rBV2	35157	50536	3.35%	0.225%
41	17.318	2612	2615	2625	rVB	750284	940665	62.37%	4.182%
42	17.412	2625	2631	2639	rBV3	71106	134591	8.92%	0.598%
43	17.524	2646	2650	2652	rBV2	63569	97820	6.49%	0.435%
44	17.553	2652	2655	2662	rVB	168475	223637	14.83%	0.994%
45	17.642	2666	2670	2675	rBV	129980	149609	9.92%	0.665%
46	17.689	2675	2678	2684	rBV4	101937	153276	10.16%	0.681%
47	17.806	2693	2698	2703	rBV2	66813	91738	6.08%	0.408%
48	17.853	2703	2706	2711	rVB	51436	64180	4.26%	0.285%
49	18.095	2743	2747	2750	rBV5	14404	25345	1.68%	0.113%
50	18.136	2750	2754	2759	rVB7	19408	34310	2.27%	0.153%
51	18.200	2761	2765	2769	rBV4	22686	38584	2.56%	0.172%
52	18.253	2769	2774	2780	rVB	26507	51491	3.41%	0.229%
53	18.359	2787	2792	2794	rBV	82687	98265	6.52%	0.437%
54	18.389	2794	2797	2800	rVV	88103	112041	7.43%	0.498%
55	18.424	2800	2803	2808	rVV	74260	95020	6.30%	0.422%
56	18.465	2808	2810	2813	rVB2	20134	22201	1.47%	0.099%
57	18.524	2818	2820	2824	rVV2	25151	27936	1.85%	0.124%
58	18.583	2824	2830	2835	rVB	35783	61028	4.05%	0.271%
59	18.671	2840	2845	2849	rVV2	663792	1156959	76.71%	5.143%
60	18.712	2849	2852	2863	rVV	414183	697247	46.23%	3.099%
61	18.806	2864	2868	2872	rVV2	113360	143104	9.49%	0.636%
62	18.912	2876	2886	2893	rBV7	42620	105830	7.02%	0.470%
63	18.971	2893	2896	2902	rVV2	47665	76780	5.09%	0.341%
64	19.024	2902	2905	2909	rVB4	24051	31351	2.08%	0.139%
65	19.194	2927	2934	2938	rVV	59094	102267	6.78%	0.455%
66	19.230	2938	2940	2945	rVV2	32493	38649	2.56%	0.172%
67	19.294	2947	2951	2952	rVV2	34011	40416	2.68%	0.180%
68	19.312	2952	2954	2956	rVV	39394	39651	2.63%	0.176%
69	19.342	2956	2959	2962	rVV4	41735	65219	4.32%	0.290%
70	19.371	2962	2964	2971	rVB4	42830	68712	4.56%	0.305%
71	19.594	2996	3002	3004	rBV4	16888	29402	1.95%	0.131%

LSC Area Percent Report

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Acq On : 24 May 2017 15:15
Operator : SJ/MA
Sample : I3290-06 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

72	19.636	3006	3009	3014	rVB7	18315	24918	1.65%	0.111%
73	19.689	3014	3018	3022	rBV	163256	222587	14.76%	0.989%
74	19.789	3032	3035	3040	rBV6	26467	39879	2.64%	0.177%
75	19.847	3042	3045	3051	rVB7	13451	25275	1.68%	0.112%
76	19.947	3058	3062	3065	rBV	491682	696881	46.21%	3.098%
77	19.977	3065	3067	3074	rVV	213579	303106	20.10%	1.347%
78	20.065	3079	3082	3086	rBV	82097	99423	6.59%	0.442%
79	20.165	3093	3099	3101	rBV5	20717	41291	2.74%	0.184%
80	20.189	3101	3103	3107	rVB3	20773	30653	2.03%	0.136%
81	20.241	3107	3112	3118	rBV	334584	426291	28.26%	1.895%
82	20.300	3118	3122	3128	rBV	412718	530710	35.19%	2.359%
83	20.353	3128	3131	3135	rBV	310234	405636	26.89%	1.803%
84	20.477	3150	3152	3157	rVB5	18462	21090	1.40%	0.094%
85	20.536	3159	3162	3166	rVV4	27081	33834	2.24%	0.150%
86	20.588	3166	3171	3179	rVV5	30753	63836	4.23%	0.284%
87	20.877	3217	3220	3227	rVB3	33057	68080	4.51%	0.303%
88	21.030	3243	3246	3255	rVB8	16367	39735	2.63%	0.177%
89	21.271	3283	3287	3292	rBV2	18450	24744	1.64%	0.110%
90	21.371	3299	3304	3308	rBV6	15638	30115	2.00%	0.134%
91	21.436	3312	3315	3321	rVB5	24981	42934	2.85%	0.191%
92	21.512	3321	3328	3332	rBV3	43455	92179	6.11%	0.410%
93	21.553	3332	3335	3340	rVB	27636	40814	2.71%	0.181%
94	21.630	3345	3348	3352	rVB5	17525	23554	1.56%	0.105%
95	21.683	3352	3357	3367	rBV	220083	472979	31.36%	2.103%
96	21.847	3380	3385	3389	rBV2	34737	61932	4.11%	0.275%
97	21.900	3389	3394	3399	rVB2	35724	73237	4.86%	0.326%
98	22.071	3418	3423	3435	rBV	181689	419312	27.80%	1.864%
99	22.318	3456	3465	3477	rBV4	47189	156147	10.35%	0.694%
100	24.065	3755	3762	3776	rVB2	41694	155355	10.30%	0.691%

Sum of corrected areas: 22495665

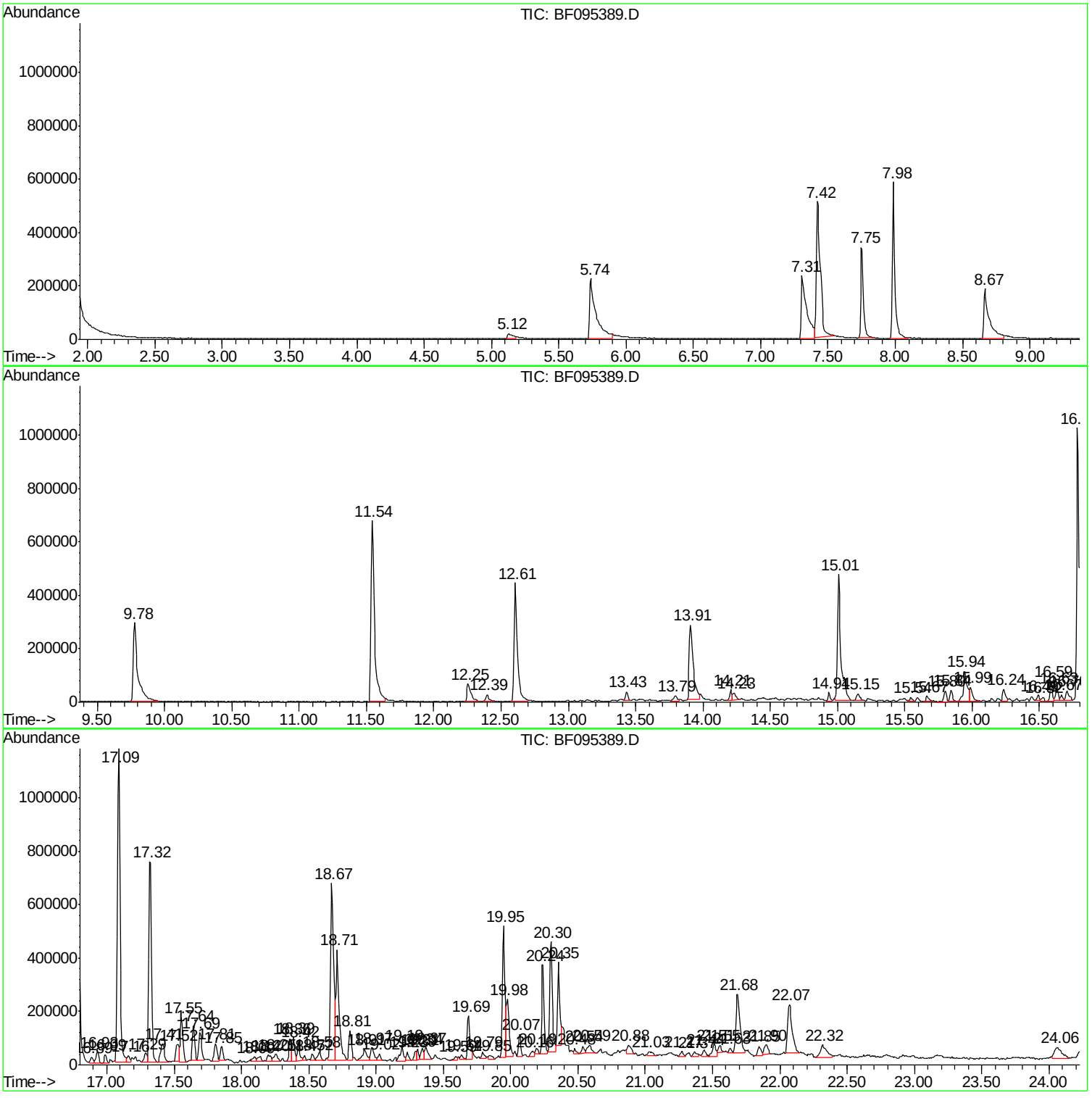
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095389.D
Acq On : 24 May 2017 15:15
Operator : SJ/MA
Sample : I3290-06 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
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Instrument : BNA_F
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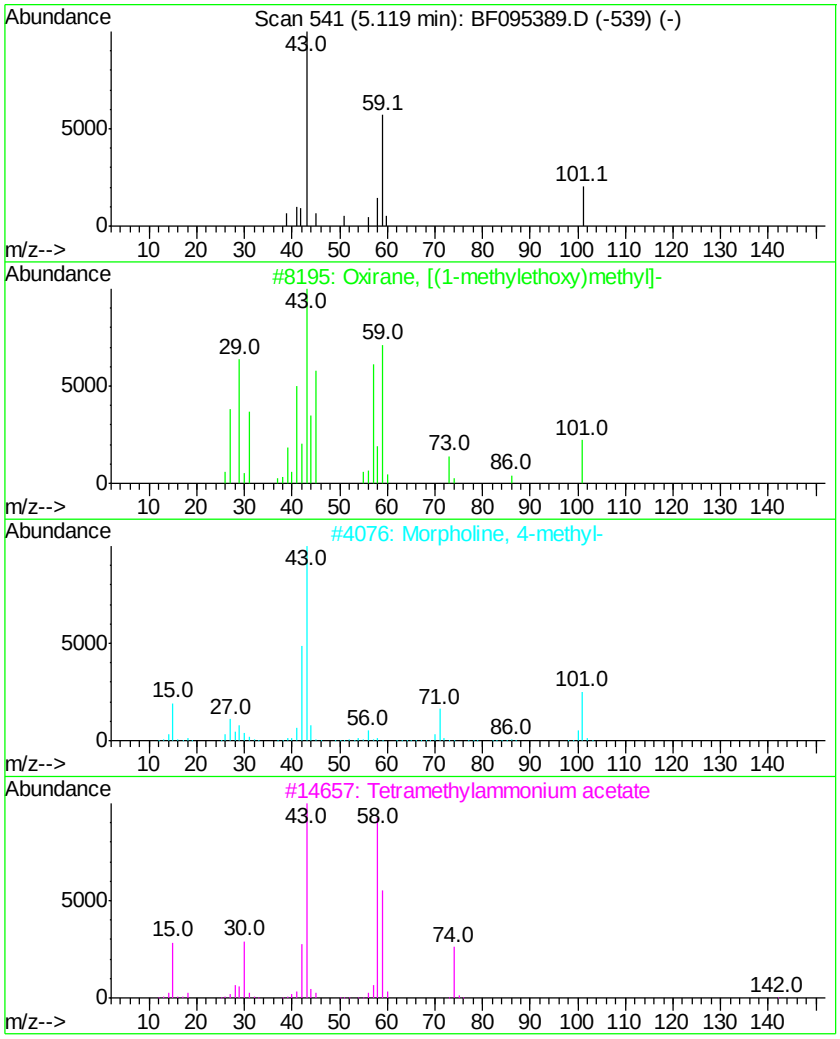
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

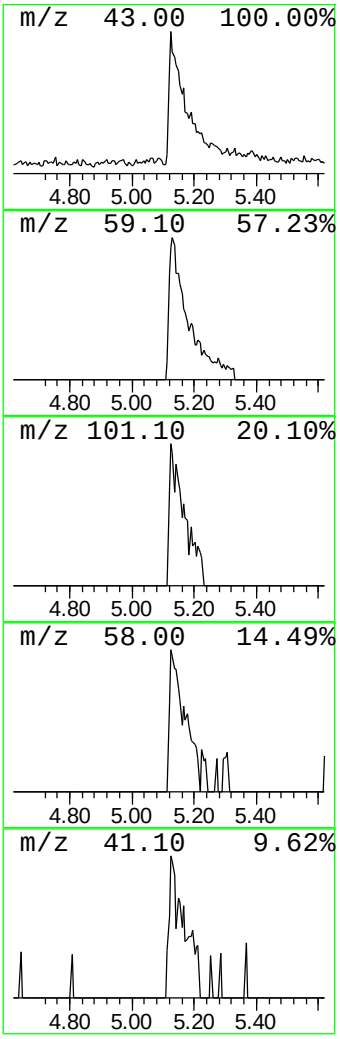
****

Peak Number 1 unknown5.12 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.33 ng	54959	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	43
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Tetramethylammonium acetate	133	C6H15NO2	010581-12-1	9
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9
5	3-Hexanol	102	C6H14O	000623-37-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095389.D
Acq On : 24 May 2017 15:15
Operator : SJ/MA
Sample : I3290-06 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

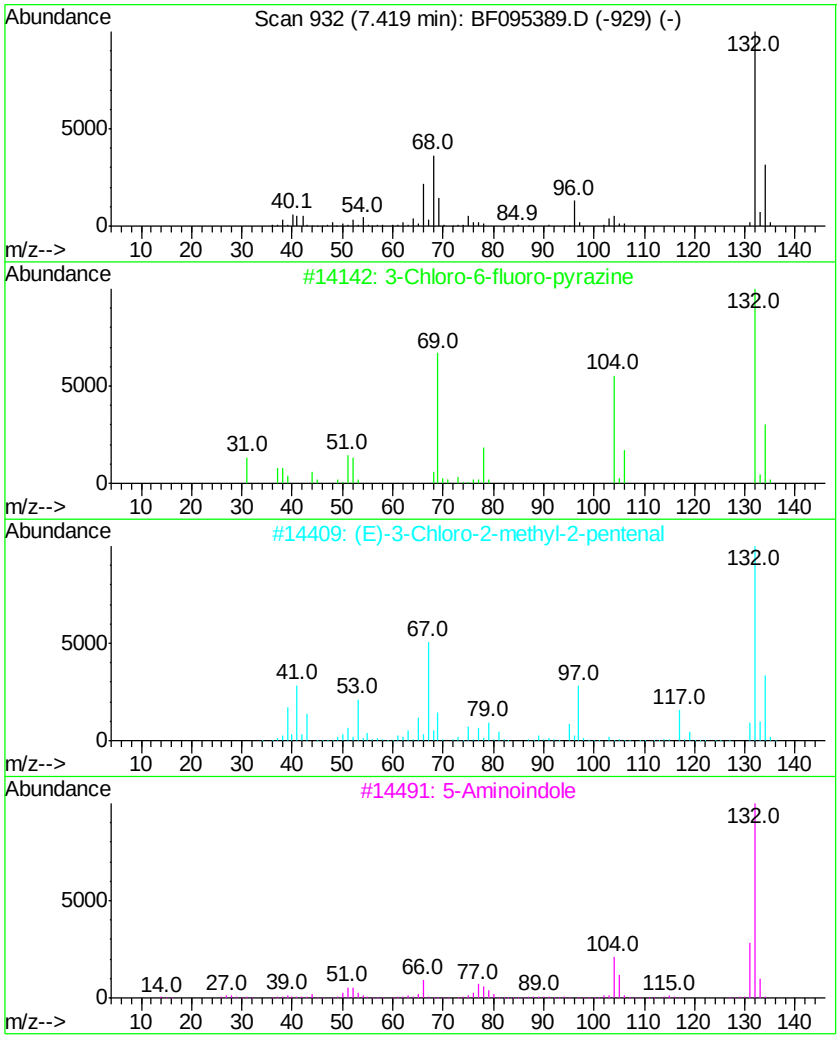
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

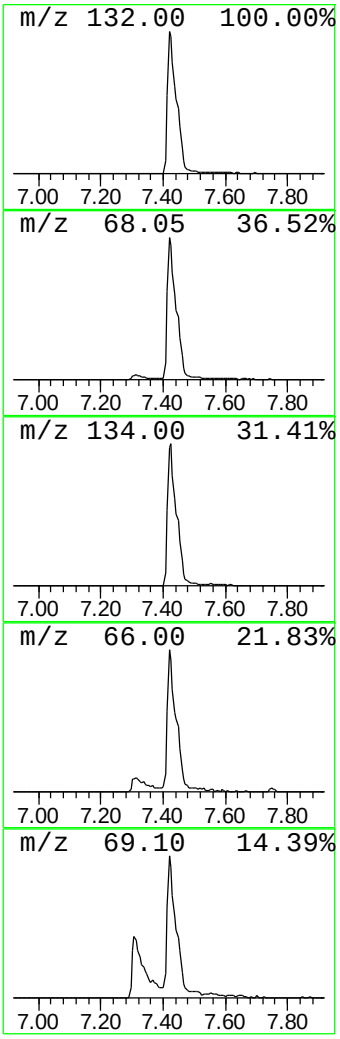
****

Peak Number 2 unknown7.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	45.80 ng	1081570	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095389.D
Acq On : 24 May 2017 15:15
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Sample : I3290-06 2X
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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

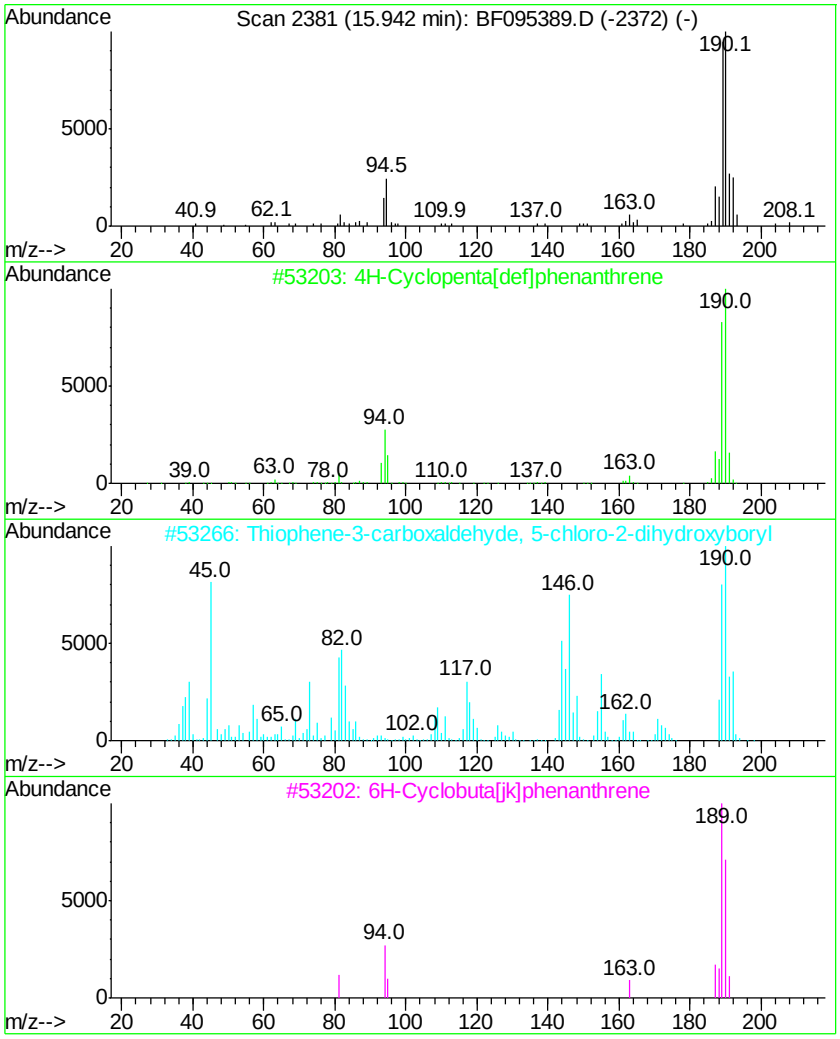
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

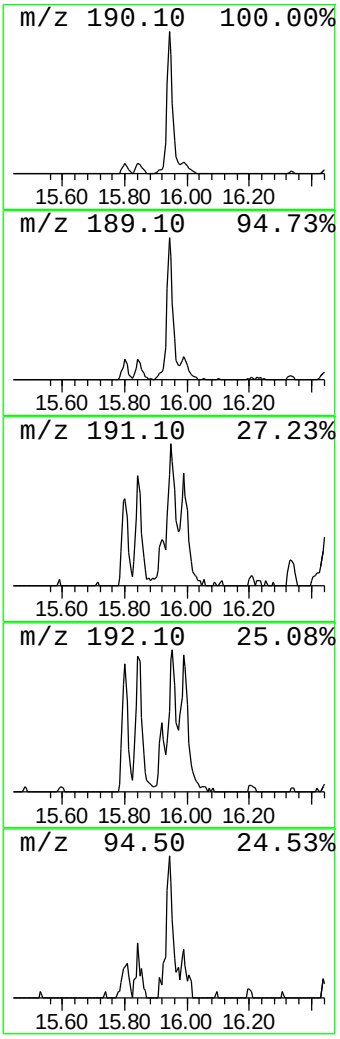
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	5.51 ng	233035	Phenanthrene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
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Sample : I3290-06 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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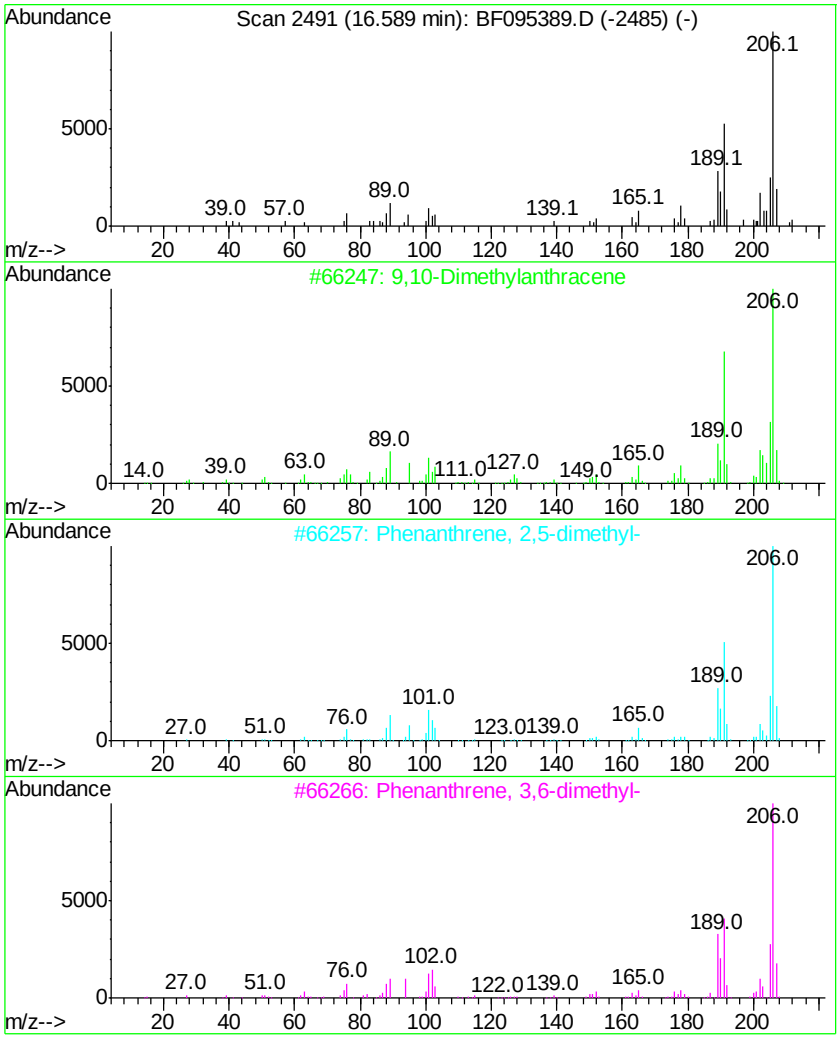
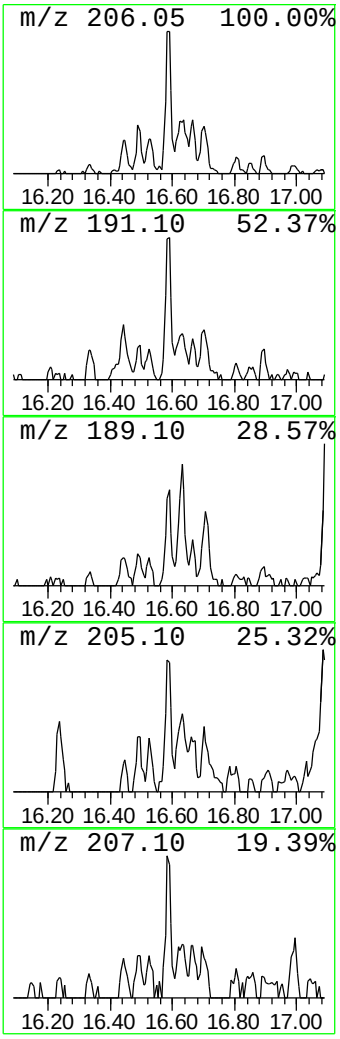
Peak Number 5 9,10-Dimethylanthracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	2.42 ng	102431	Phenanthrene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095389.D
Acq On : 24 May 2017 15:15
Operator : SJ/MA
Sample : I3290-06 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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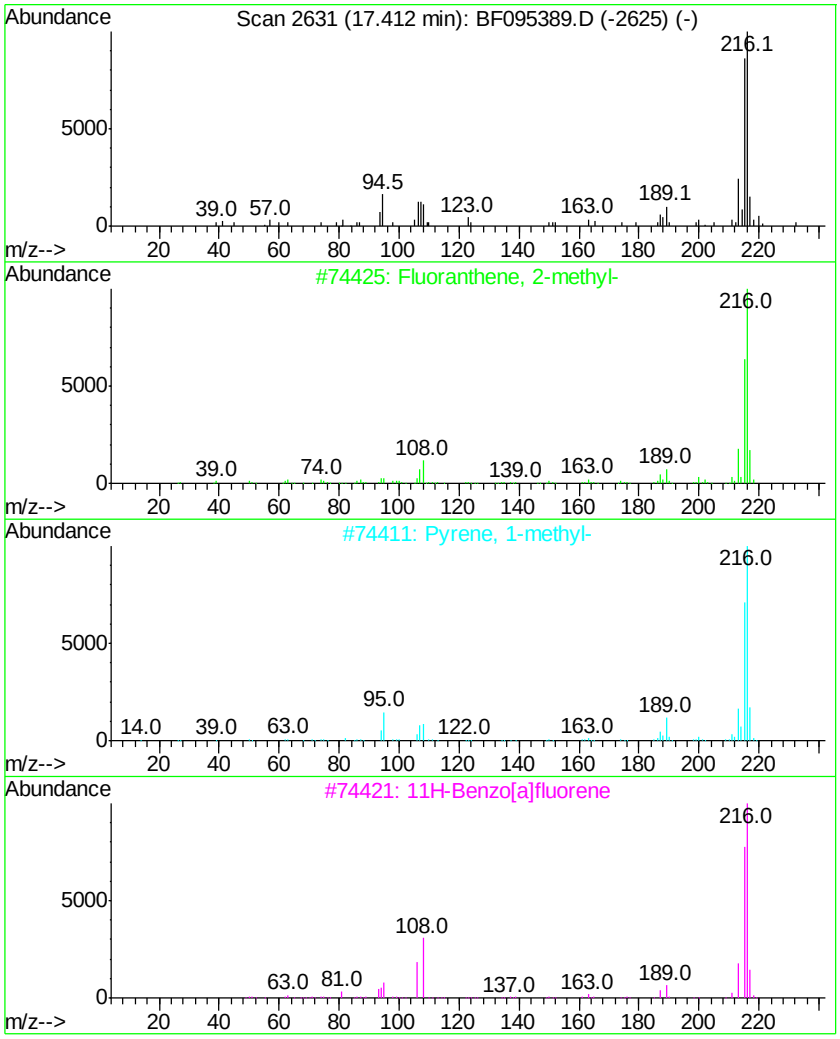
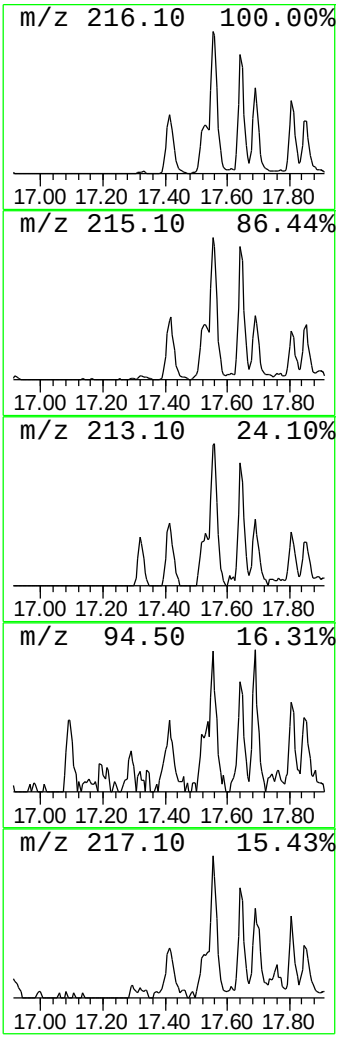
Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	2.33 ng	134591	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Operator : SJ/MA
Sample : I3290-06 2X
Misc :
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ClientSampleId : TP-2

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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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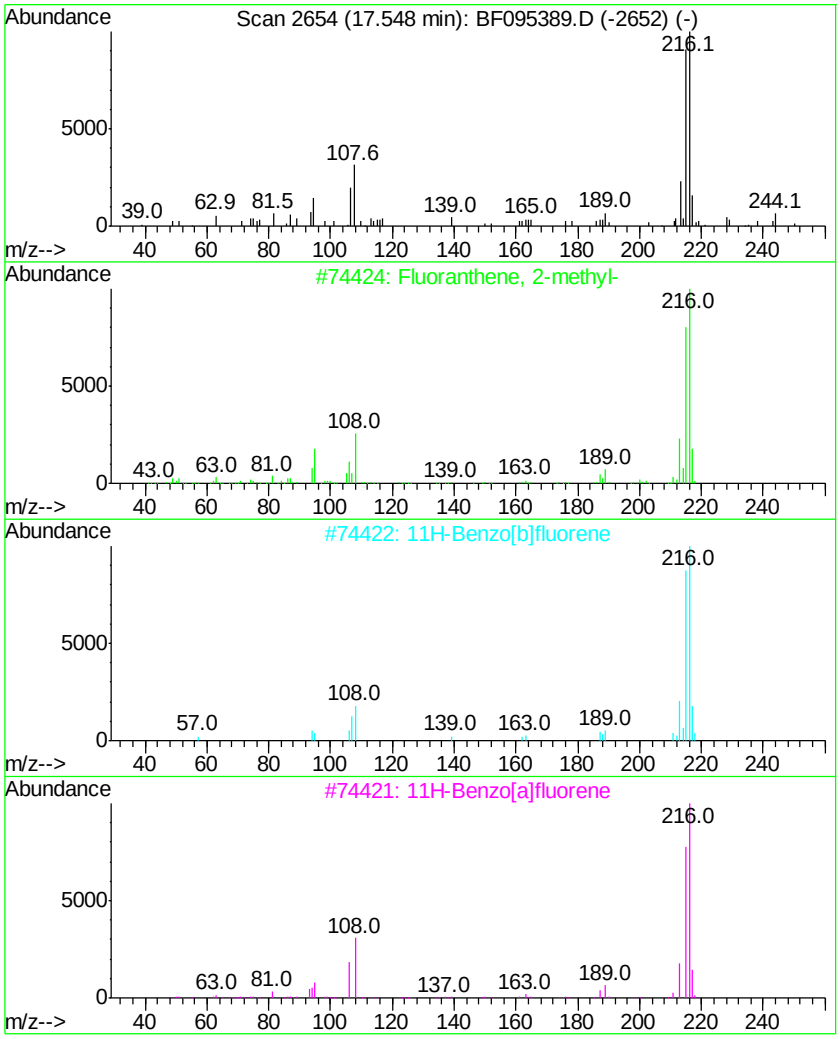
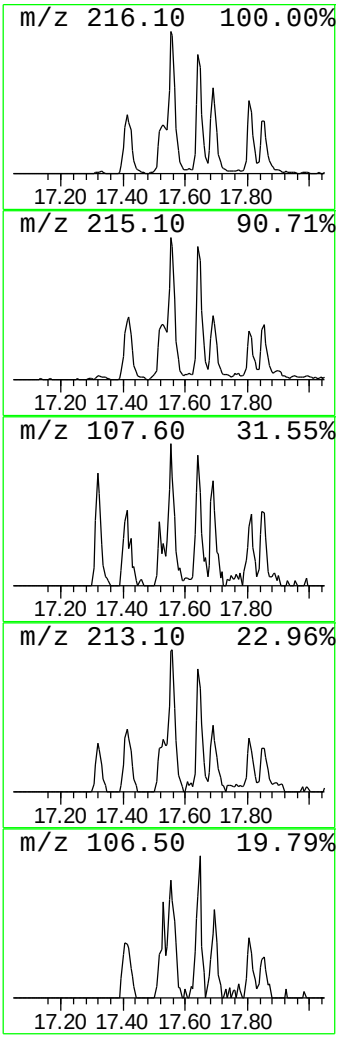
Peak Number 7 7H-Benzo[c]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	3.87 ng	223637	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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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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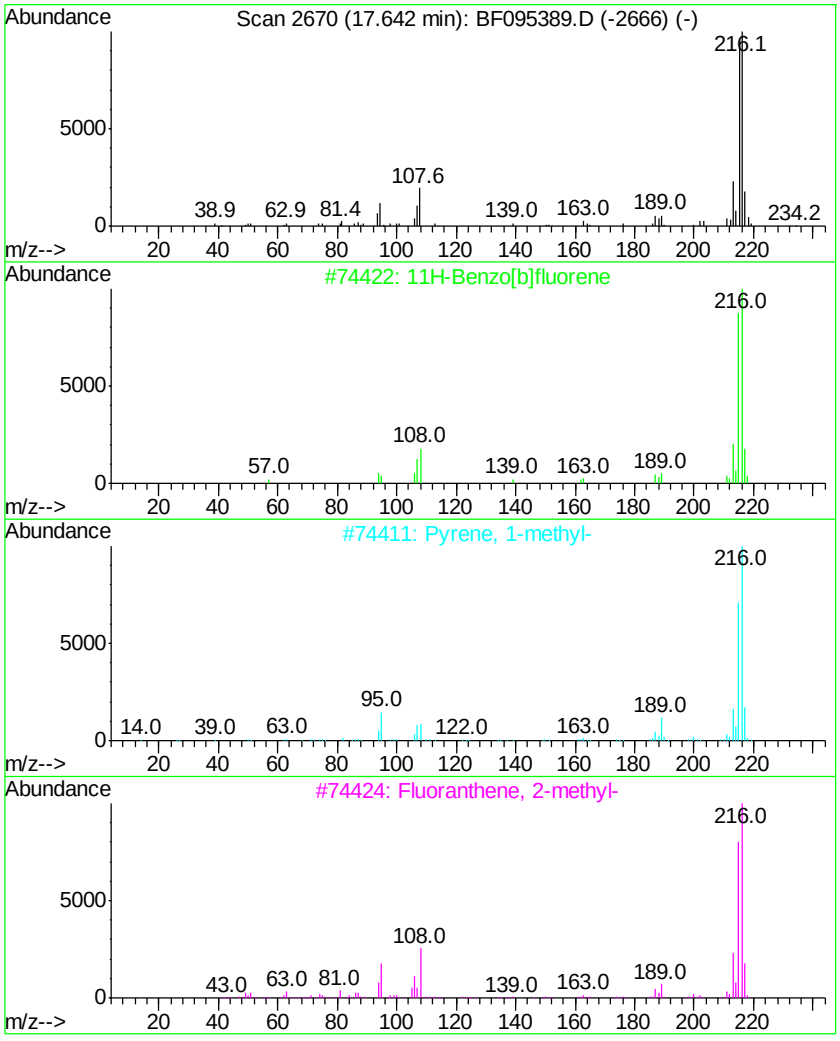
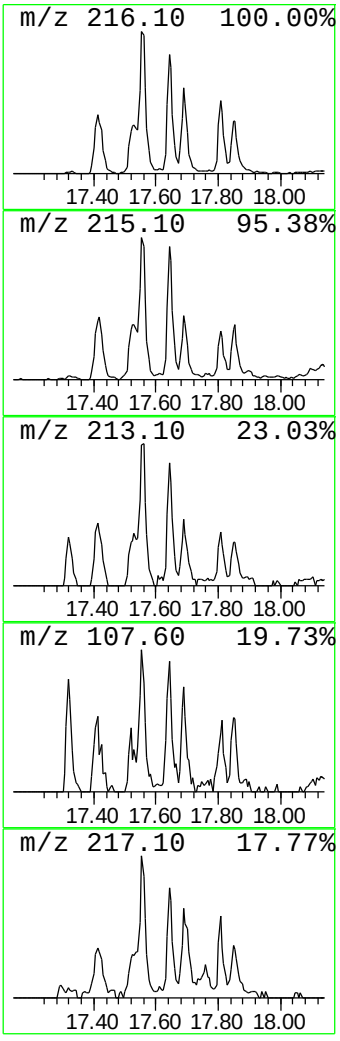
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	2.59 ng	149609	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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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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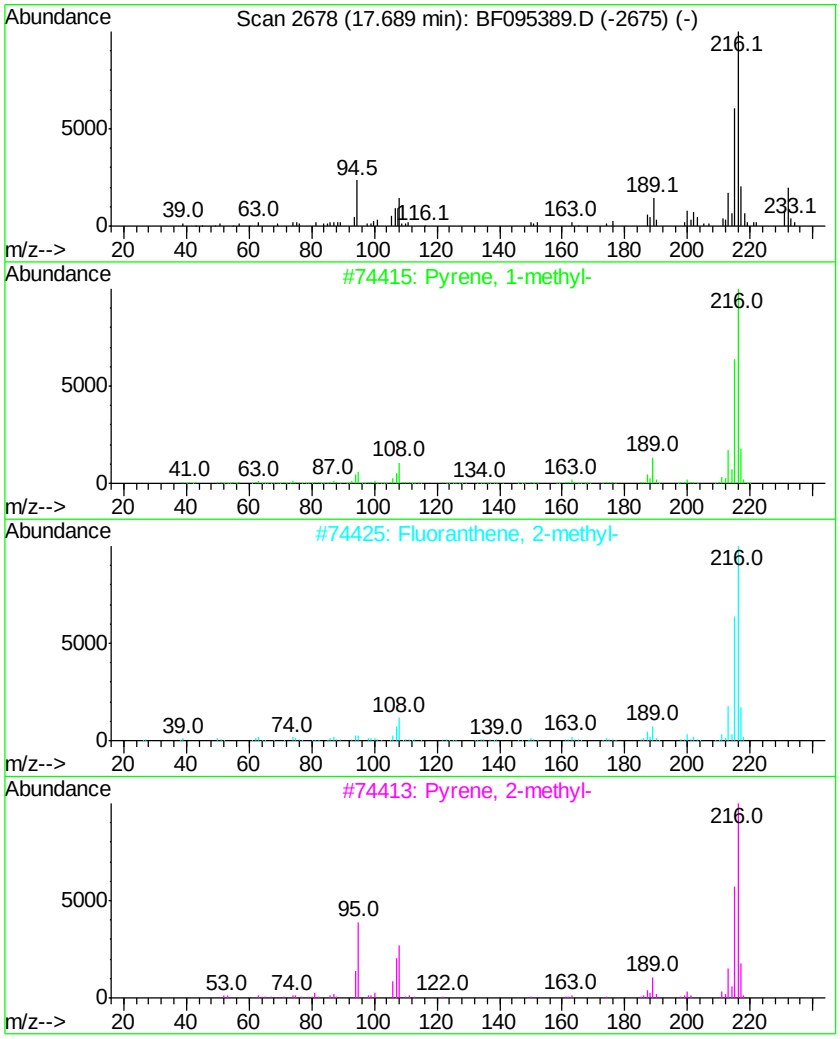
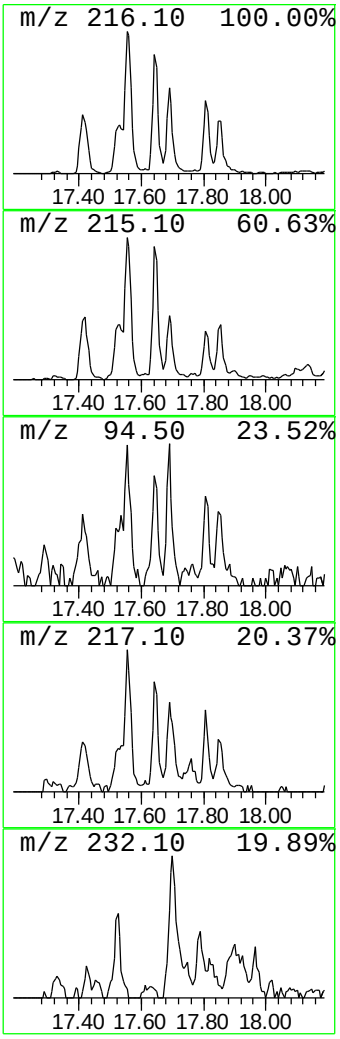
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	2.65 ng	153276	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





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TIC Integration Parameters: LSCINT.P

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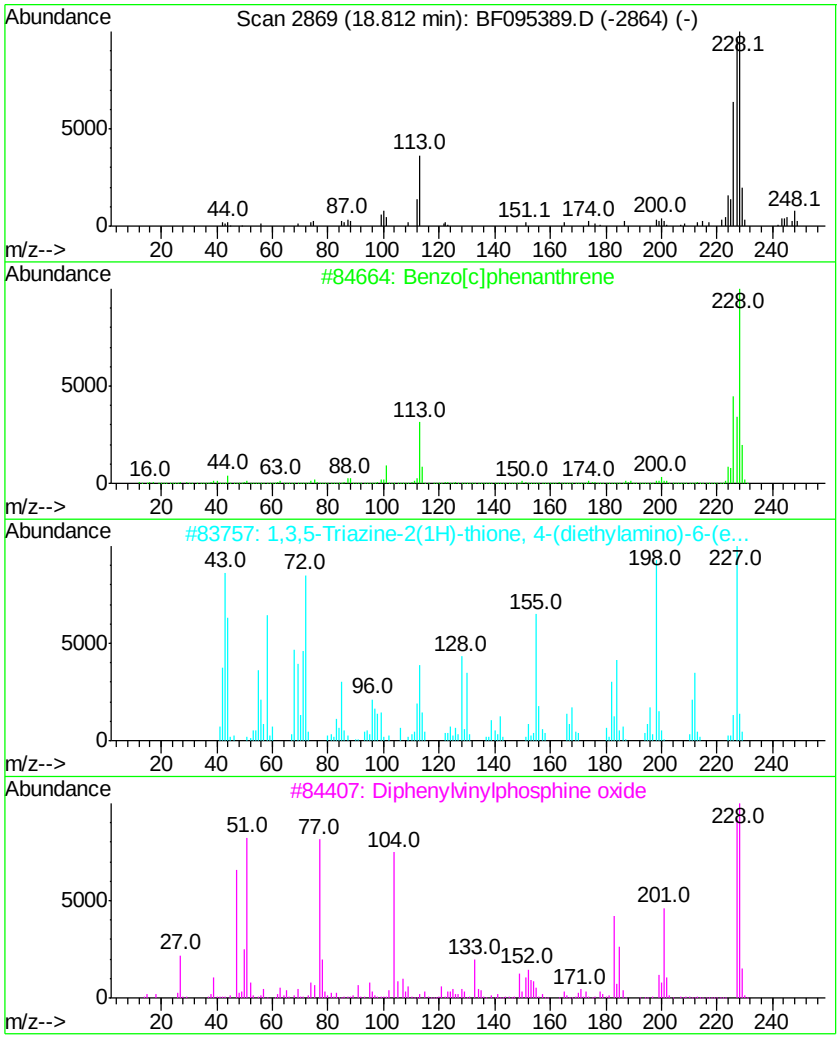
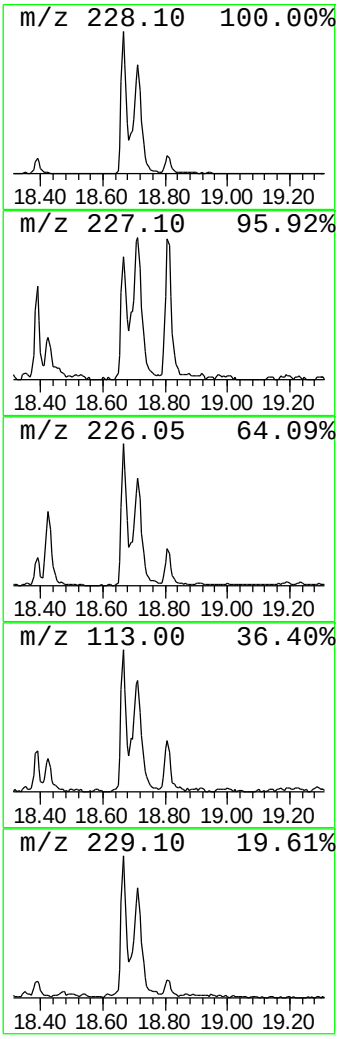
Peak Number 10 Benzo[c]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	2.47 ng	143104	Chrysene-d12	18.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
2	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	50
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	46
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	43
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38





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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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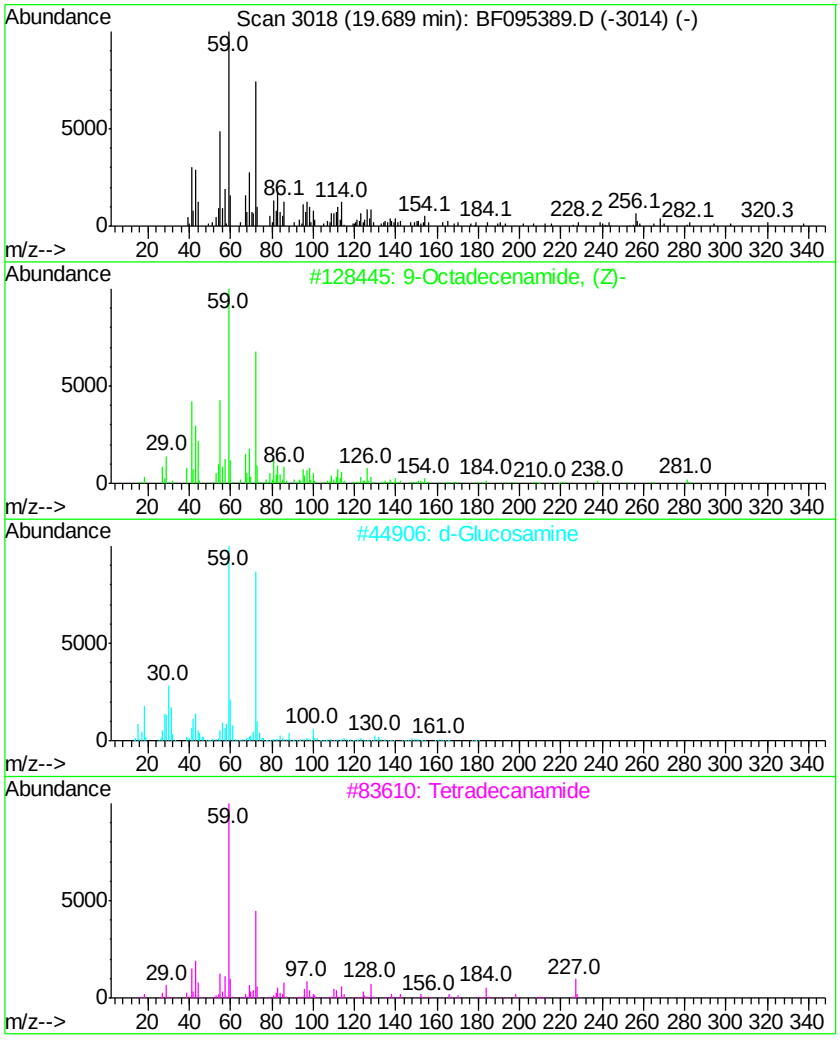
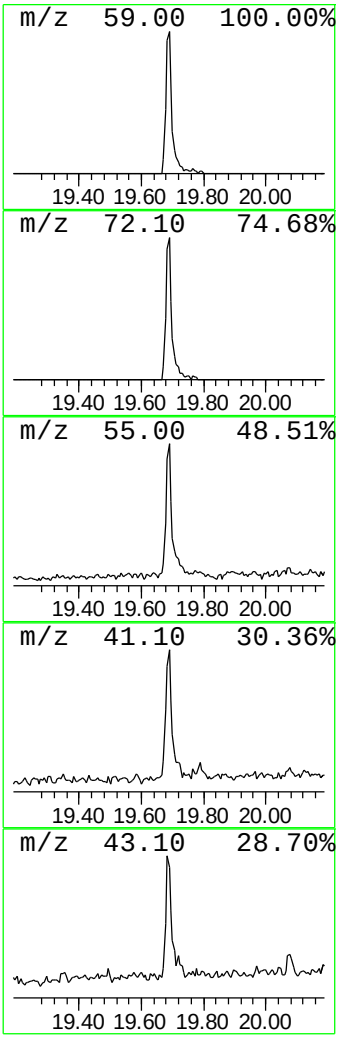
Peak Number 11 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	10.97 ng	222587	Perylene-d12	20.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	d-Glucosamine	179	C6H13NO5	000090-77-7	53
3	Tetradecanamide	227	C14H29NO	000638-58-4	46
4	Decanamide-	171	C10H21NO	002319-29-1	43
5	Dodecanamide	199	C12H25NO	001120-16-7	38





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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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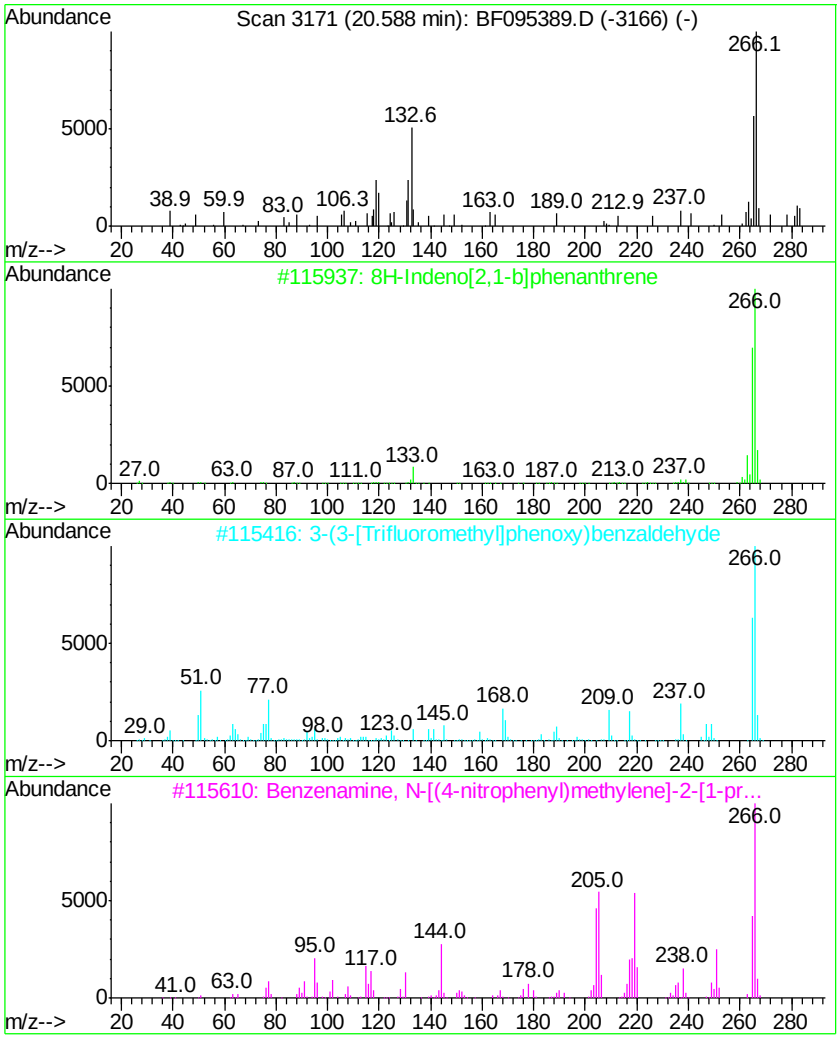
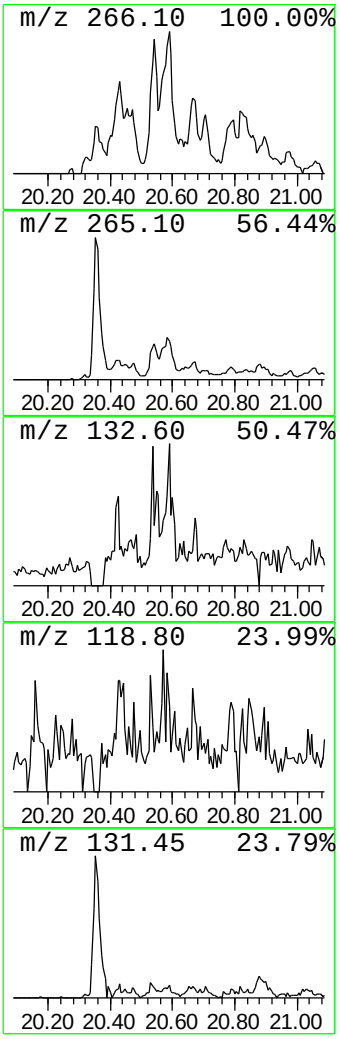
Peak Number 14 unknown20.59 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	3.15 ng	63836	Perylene-d12	20.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	37
2	3-(3-[Trifluoromethyl]phenoxy)be...	266	C14H9F3O2	078725-46-9	32
3	Benzenamine, N-[(4-nitrophenyl)m...	266	C16H14N2O2	1000349-88-6	32
4	Tetrachloroisophthalonitrile	264	C8Cl4N2	001897-45-6	32
5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	32





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TIC Integration Parameters: LSCINT.P

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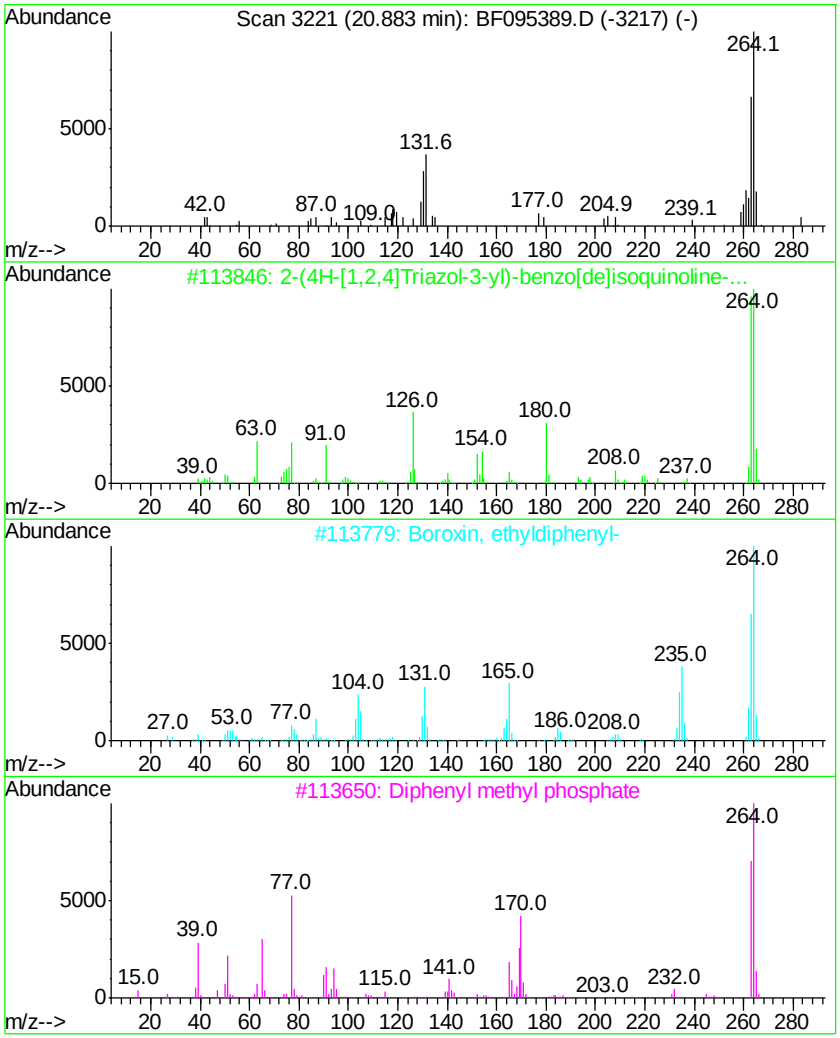
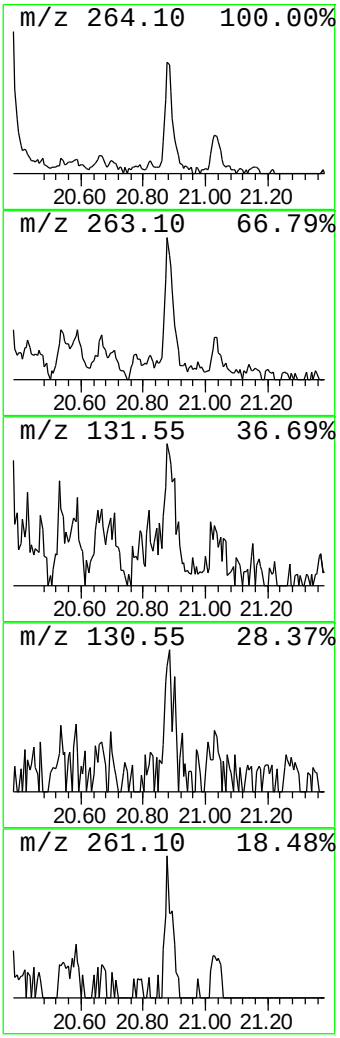
Peak Number 15 2-(4H-[1,2,4]Triazol-3-yl)-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	3.36 ng	68080	Perylene-d12	20.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	52
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	42
3	Diphenyl methyl phosphate	264	C13H13O4P	000115-89-9	40
4	Furazano[3,4-h]1,6-naphthyridin-...	264	C14H8N4O2	296245-19-7	40
5	4-Fluorobenzylamine, N,N-dinonyl-	377	C25H44FN	1000310-48-6	22





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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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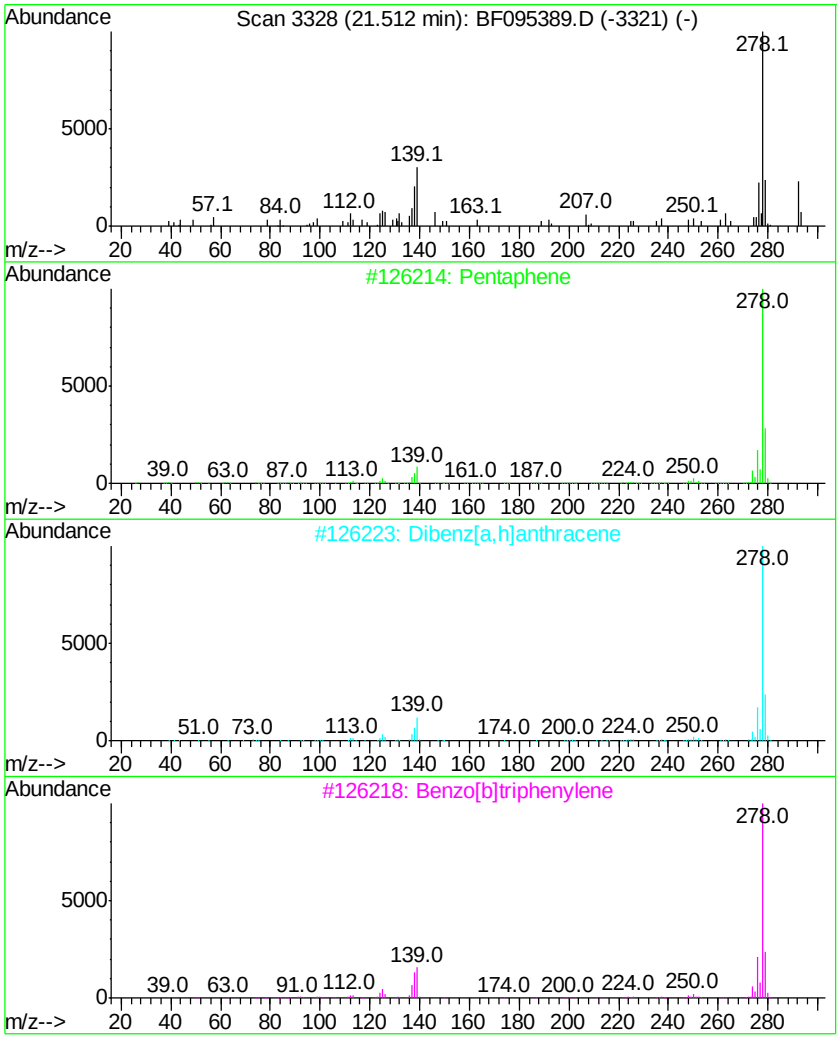
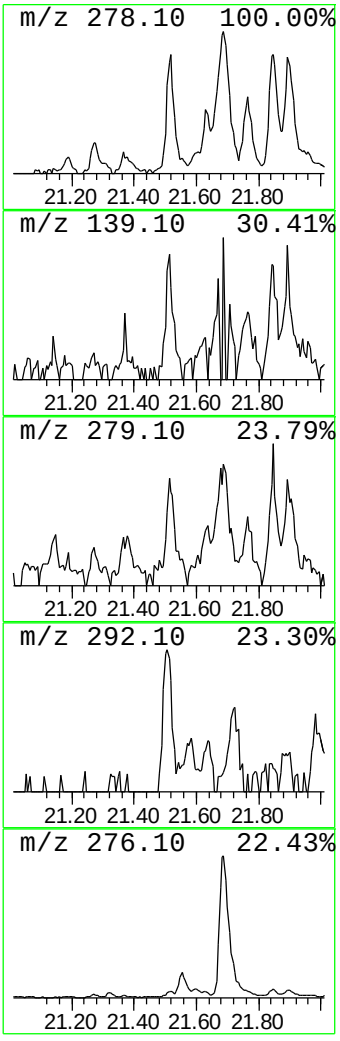
Peak Number 16 Pentaphene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	4.54 ng	92179	Perylene-d12	20.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaphene	278	C22H14	000222-93-5	89
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	76
4	Benzo[b]chrysene	278	C22H14	000214-17-5	76
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	76





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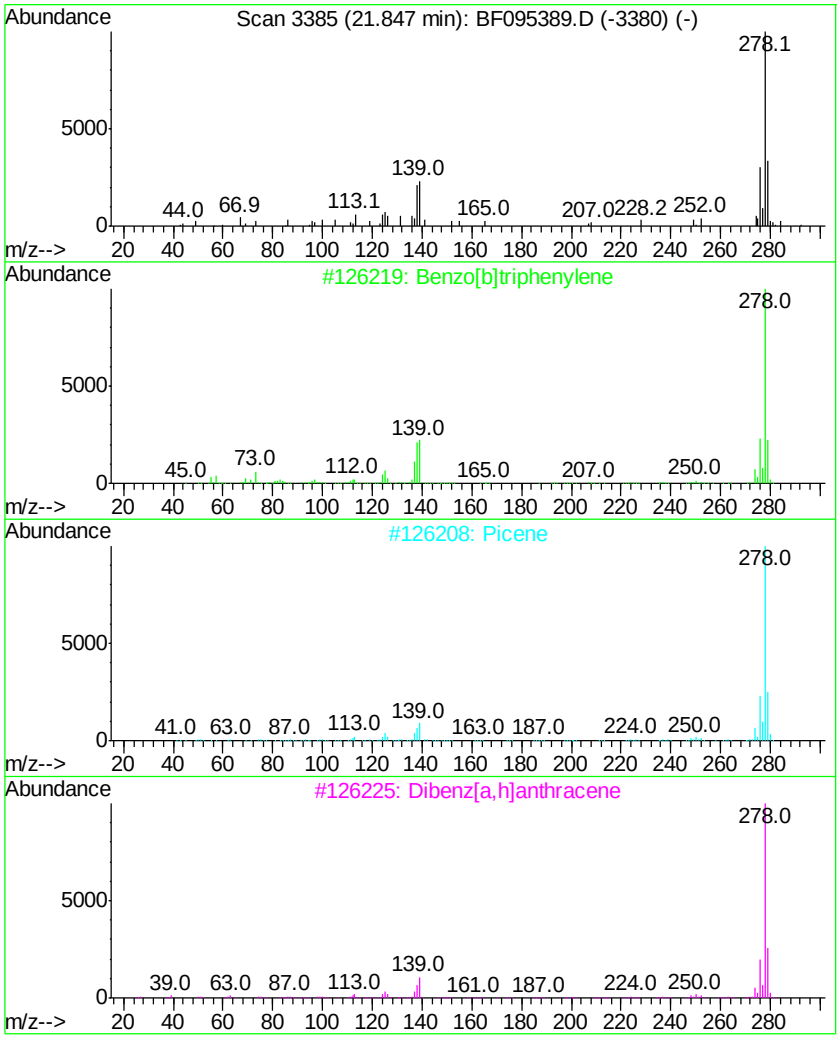
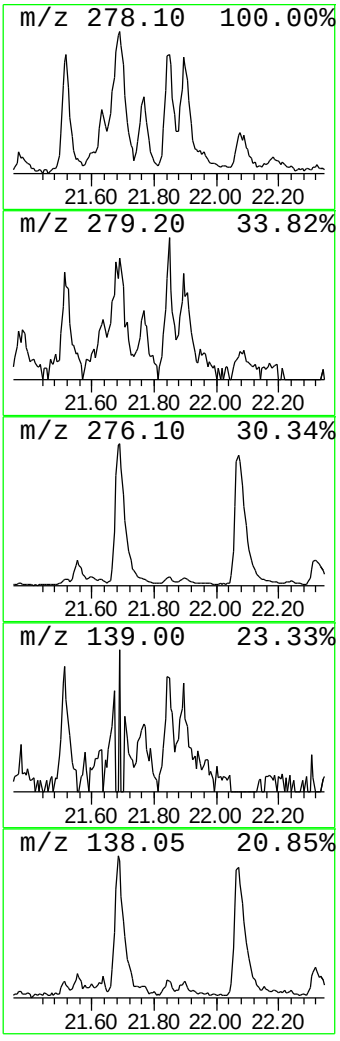
Peak Number 17 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	3.05 ng	61932	Perylene-d12	20.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2	Picene	278	C22H14	000213-46-7	81
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	81
4	Pentacene	278	C22H14	000135-48-8	72
5	Pentaphene	278	C22H14	000222-93-5	68





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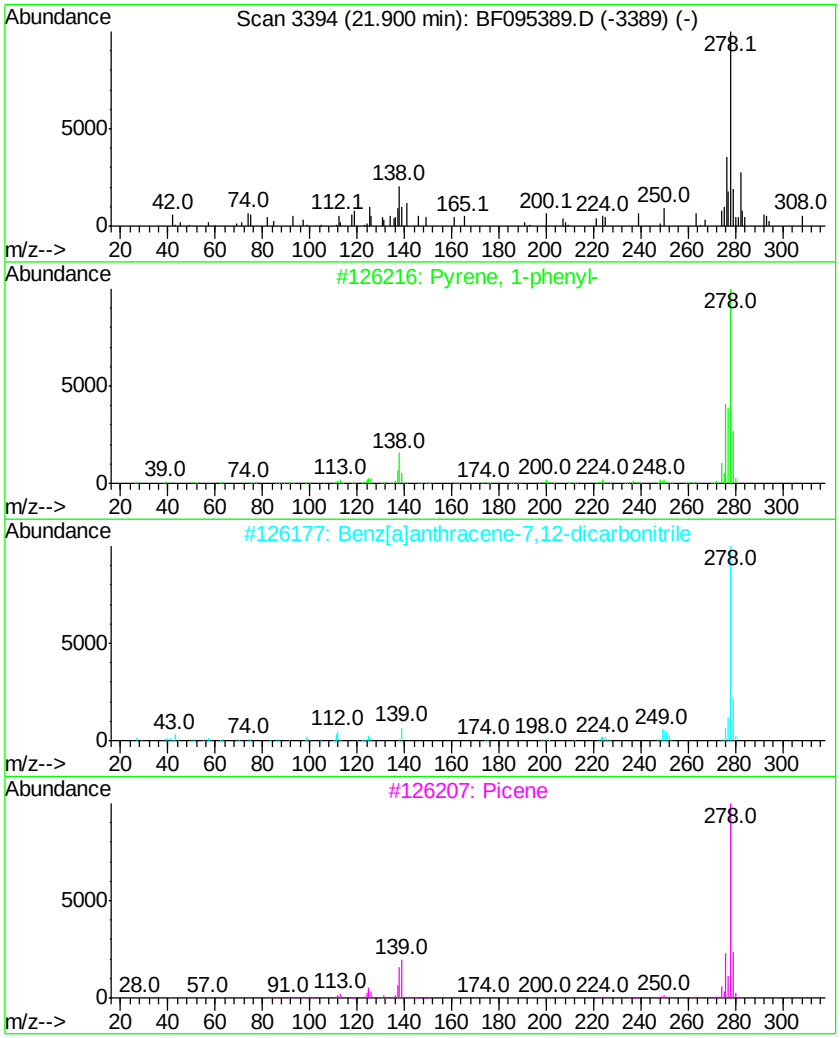
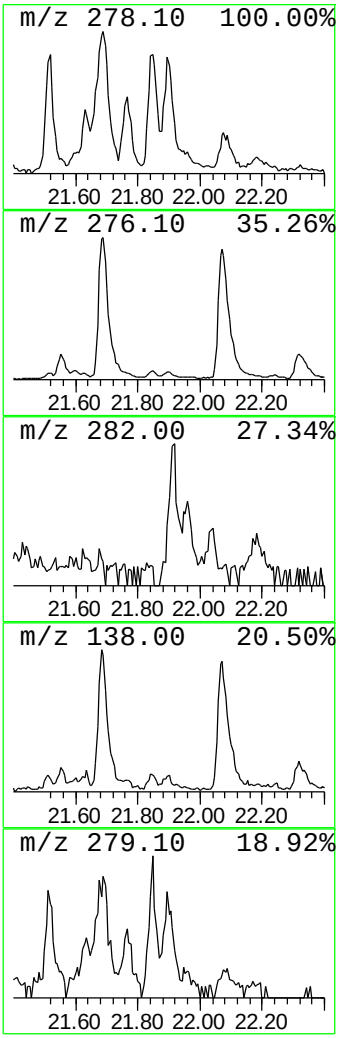
Peak Number 18 unknown21.90 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	3.61 ng	73237	Perylene-d12	20.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	49
2	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	47
3	Picene	278	C22H14	000213-46-7	47
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	47
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	46





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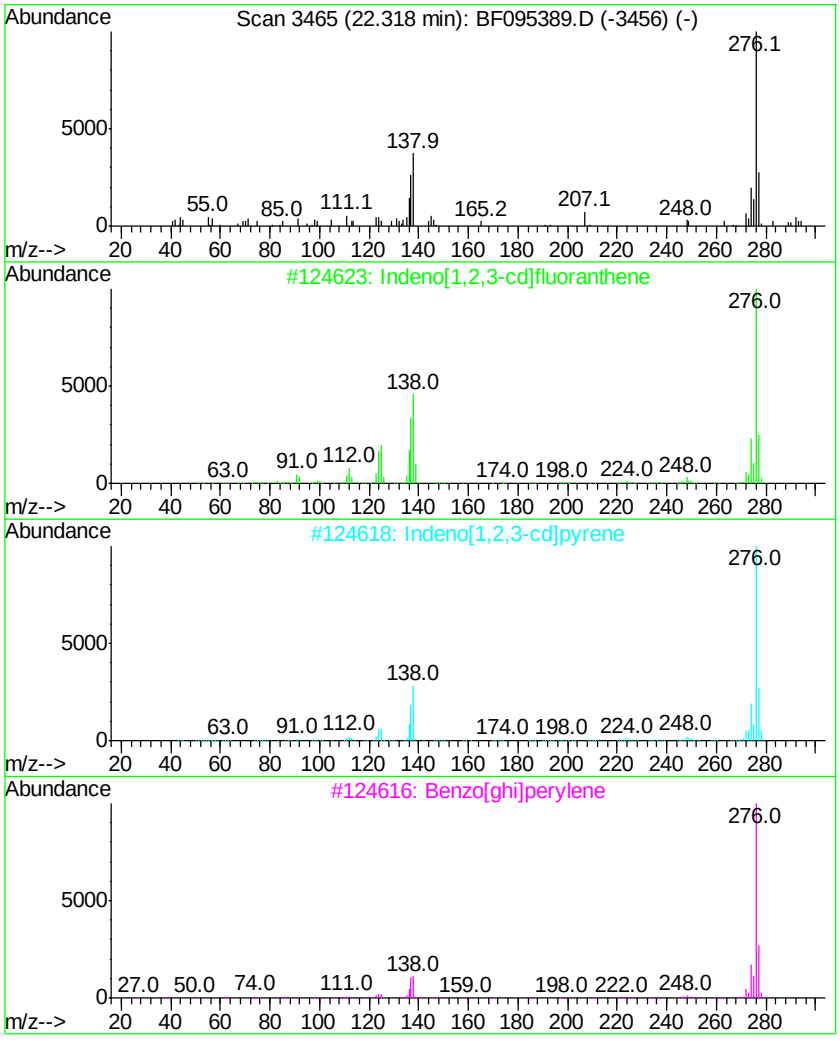
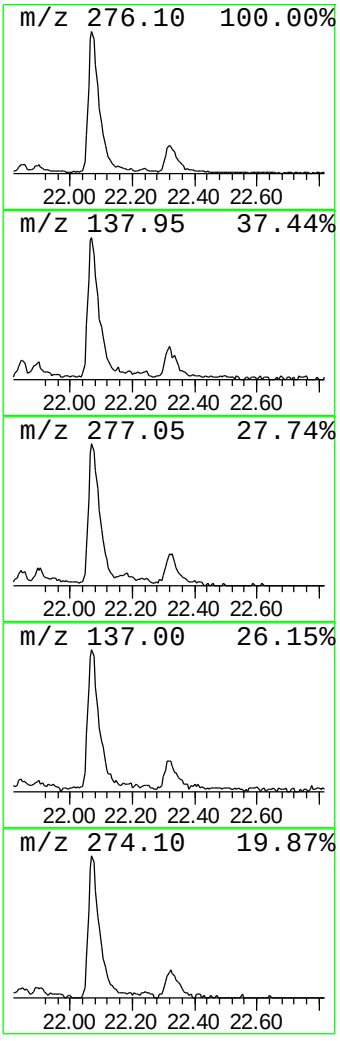
Peak Number 19 Indeno[1,2,3-cd]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	7.70 ng	156147	Perylene-d12	20.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	91
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	87
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	87
5	3-[(2-Fluoro-4-nitro-phenylimino...	276	C13H9FN2O4	1000295-49-7	32





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
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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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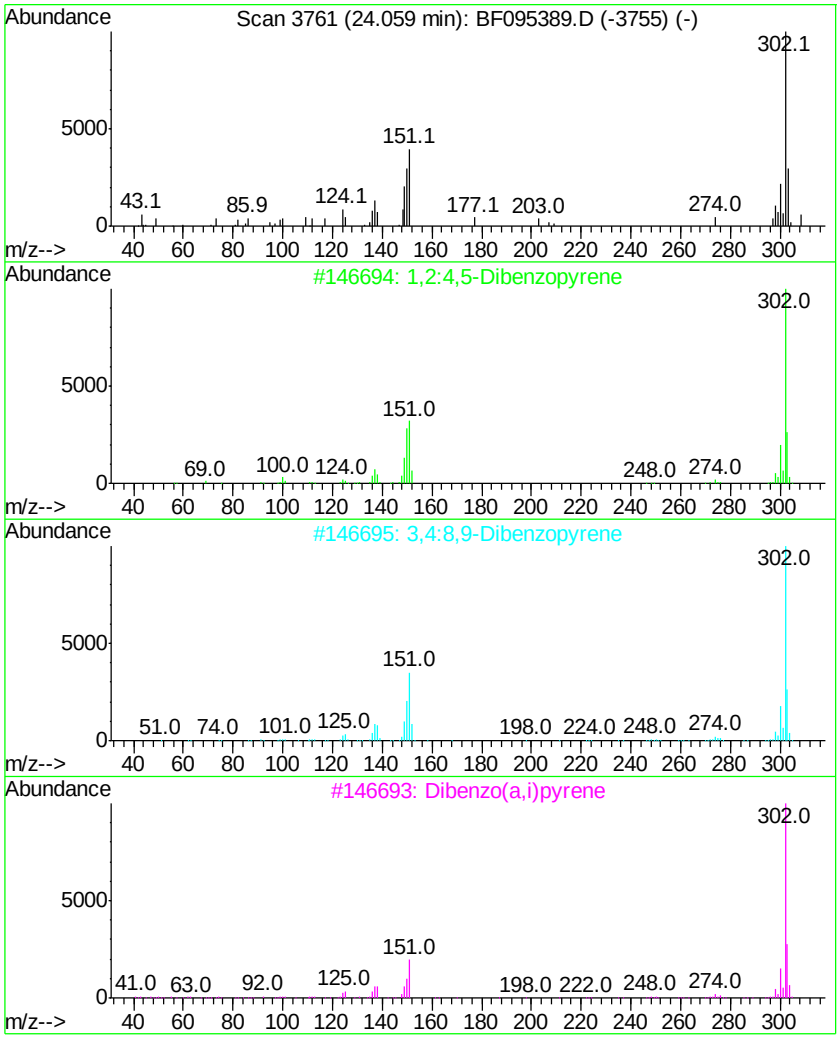
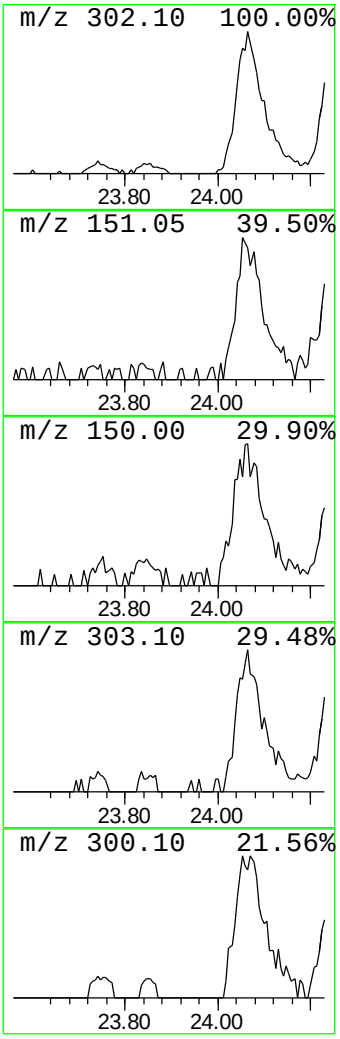
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	7.66 ng	155355	Perylene-d12	20.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	90
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	87
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	83
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052417\
Data File : BF095389.D
Acq On : 24 May 2017 15:15
Operator : SJ/MA
Sample : I3290-06 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown5.12	5.12	2.3	ng	54959	1	7.75	472296	20.0
unknown7.42	7.42	45.8	ng	1081570	1	7.75	472296	20.0
4H-Cyclopenta[def...	15.94	5.5	ng	233035	4	15.01	846200	20.0
9,10-Dimethylanth...	16.59	2.4	ng	102431	4	15.01	846200	20.0
Fluoranthene, 2-m...	17.41	2.3	ng	134591	5	18.68	1156960	20.0
7H-Benzo[c]fluorene	17.55	3.9	ng	223637	5	18.68	1156960	20.0
11H-Benzo[b]fluorene	17.64	2.6	ng	149609	5	18.68	1156960	20.0
Pyrene, 1-methyl-	17.69	2.6	ng	153276	5	18.68	1156960	20.0
Benzo[c]phenanthrene	18.81	2.5	ng	143104	5	18.68	1156960	20.0
9-Octadecenamide,...	19.69	11.0	ng	222587	6	20.35	405636	20.0
unknown20.59	20.59	3.1	ng	63836	6	20.35	405636	20.0
2-(4H-[1,2,4]Tria...	20.88	3.4	ng	68080	6	20.35	405636	20.0
Pentaphene	21.51	4.5	ng	92179	6	20.35	405636	20.0
Benzo[b]triphenylene	21.85	3.0	ng	61932	6	20.35	405636	20.0
unknown21.90	21.90	3.6	ng	73237	6	20.35	405636	20.0
Indeno[1,2,3-cd]f...	22.32	7.7	ng	156147	6	20.35	405636	20.0
1,2:4,5-Dibenzopy...	24.06	7.7	ng	155355	6	20.35	405636	20.0