LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
Data File : BP003267.D
Acq On : 11 Sep 2020 18:59
Operator : CG/JU
Sample : L3975-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BSY-SB-03-0-17

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:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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	4.787	319	323	330	rBV	54639	78806	1.33%	0.097%
2	5.264	397	404	423	rBV	1843673	2820651	47.50%	3.486%
3	6.840	665	672	689	rBV	1629210	2815715	47.42%	3.480%
4	7.252	736	742	748	rBV	59298	107951	1.82%	0.133%
5	7.646	801	809	819	rBV	723808	1159535	19.53%	1.433%
6	8.181	892	900	908	rBV	35365	66881	1.13%	0.083%
7	8.793	995	1004	1023	rBV	1204513	2119593	35.69%	2.620%
8	10.428	1272	1282	1301	rBV	864085	1680248	28.29%	2.077%
9	12.904	1696	1703	1727	rBV	2996277	4880749	82.19%	6.033%
10	13.204	1748	1754	1761	rBV	82346	142930	2.41%	0.177%
11	13.751	1839	1847	1859	rBV	500163	840633	14.16%	1.039%
12	14.010	1885	1891	1906	rVB	269456	445663	7.50%	0.551%
13	14.292	1932	1939	1946	rBV	1381727	2152970	36.25%	2.661%
14	14.351	1946	1949	1959	rVB	46068	74249	1.25%	0.092%
15	15.787	2186	2193	2214	rBV	2227242	3678443	61.94%	4.547%
16	16.028	2228	2234	2239	rBV3	38311	69954	1.18%	0.086%
17	17.045	2401	2407	2411	rBV	1682804	2407436	40.54%	2.976%
18	17.086	2411	2414	2421	rVV	238711	351800	5.92%	0.435%
19	17.181	2424	2430	2436	rVV	480828	731202	12.31%	0.904%
20	17.239	2436	2440	2448	rVB2	42359	79598	1.34%	0.098%
21	17.457	2469	2477	2481	rBV	109608	200036	3.37%	0.247%
22	17.569	2492	2496	2502	rVB	53430	76217	1.28%	0.094%
23	17.922	2551	2556	2560	rBV	86274	116192	1.96%	0.144%
24	17.969	2560	2564	2571	rVV2	155944	230981	3.89%	0.285%
25	18.045	2573	2577	2582	rVV	109569	158210	2.66%	0.196%
26	18.110	2582	2588	2592	rVV2	178515	365367	6.15%	0.452%
27	18.145	2592	2594	2600	rVB	87766	101062	1.70%	0.125%
28	18.404	2632	2638	2642	rBV3	117700	206902	3.48%	0.256%
29	18.445	2642	2645	2650	rVB2	80560	107414	1.81%	0.133%
30	18.698	2685	2688	2691	rVV	59010	63680	1.07%	0.079%
31	18.733	2691	2694	2698	rVB	60446	71498	1.20%	0.088%
32	18.816	2703	2708	2712	rBV2	154416	269448	4.54%	0.333%
33	18.869	2713	2717	2721	rVV3	82262	156722	2.64%	0.194%
34	18.945	2726	2730	2738	rBV	194098	317708	5.35%	0.393%

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BSY-SB-03-0-17

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.069	2745	2751	2757	rBV	2767186	3660281	61.64%	4.524%
36	19.128	2759	2761	2764	rVV	59736	71658	1.21%	0.089%
37	19.163	2765	2767	2771	rVB2	61444	71653	1.21%	0.089%
38	19.210	2771	2775	2780	rBV	160334	211400	3.56%	0.261%
39	19.416	2801	2810	2819	rBV	3281314	5051163	85.06%	6.243%
40	19.492	2819	2823	2830	rVB2	123656	219573	3.70%	0.271%
41	19.622	2836	2845	2849	rBV	4327628	5472422	92.15%	6.764%
42	19.657	2849	2851	2858	rVB2	272261	322678	5.43%	0.399%
43	19.745	2859	2866	2871	rBV3	317909	728987	12.28%	0.901%
44	19.869	2882	2887	2889	rBV2	308990	483918	8.15%	0.598%
45	19.998	2906	2909	2913	rBV	160629	180449	3.04%	0.223%
46	20.057	2913	2919	2923	rBV2	458172	729134	12.28%	0.901%
47	20.133	2930	2932	2937	rBV2	69980	100454	1.69%	0.124%
48	20.192	2938	2942	2946	rBV	366029	457447	7.70%	0.565%
49	20.239	2946	2950	2954	rVB2	279783	382807	6.45%	0.473%
50	20.633	3013	3017	3023	rVB	477453	621347	10.46%	0.768%
51	20.792	3039	3044	3048	rBV3	333110	592385	9.98%	0.732%
52	20.833	3048	3051	3053	rVV	398451	467671	7.88%	0.578%
53	20.869	3053	3057	3062	rVV2	972366	1365619	23.00%	1.688%
54	20.922	3063	3066	3074	rVB2	292777	436453	7.35%	0.539%
55	21.133	3093	3102	3107	rBV2	2559506	5938428	100.00%	7.340%
56	21.174	3107	3109	3120	rVB	1927088	2571996	43.31%	3.179%
57	21.310	3126	3132	3136	rBV4	204740	474197	7.99%	0.586%
58	21.445	3151	3155	3161	rBV2	238714	406678	6.85%	0.503%
59	21.498	3161	3164	3168	rBV2	122903	167239	2.82%	0.207%
60	21.633	3184	3187	3190	rBV	109768	157442	2.65%	0.195%
61	21.686	3193	3196	3200	rVV	364573	466271	7.85%	0.576%
62	21.739	3201	3205	3210	rVB2	276057	455193	7.67%	0.563%
63	21.880	3226	3229	3232	rBV3	172065	239653	4.04%	0.296%
64	21.980	3243	3246	3251	rVB2	170357	248762	4.19%	0.307%
65	22.445	3321	3325	3335	rVB4	228051	562793	9.48%	0.696%
66	22.710	3363	3370	3374	rBV2	2345508	5084922	85.63%	6.285%
67	22.874	3394	3398	3405	rVB	410816	646587	10.89%	0.799%
68	23.180	3445	3450	3459	rVB	1263434	2487903	41.89%	3.075%
69	23.280	3461	3467	3473	rVV	1367816	2451986	41.29%	3.031%
70	23.374	3477	3483	3488	rVV2	1131579	2272415	38.27%	2.809%
71	23.421	3488	3491	3501	rVB2	430849	899304	15.14%	1.112%

LSC Area Percent Report

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Instrument : BNA_P
ClientSampleId : BSY-SB-03-0-17

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:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	25.651	3862	3870	3881	rVB2	959028	2723499	45.86%	3.366%
73	26.339	3979	3987	4002	rVB	613328	1877910	31.62%	2.321%

Sum of corrected areas: 80907121

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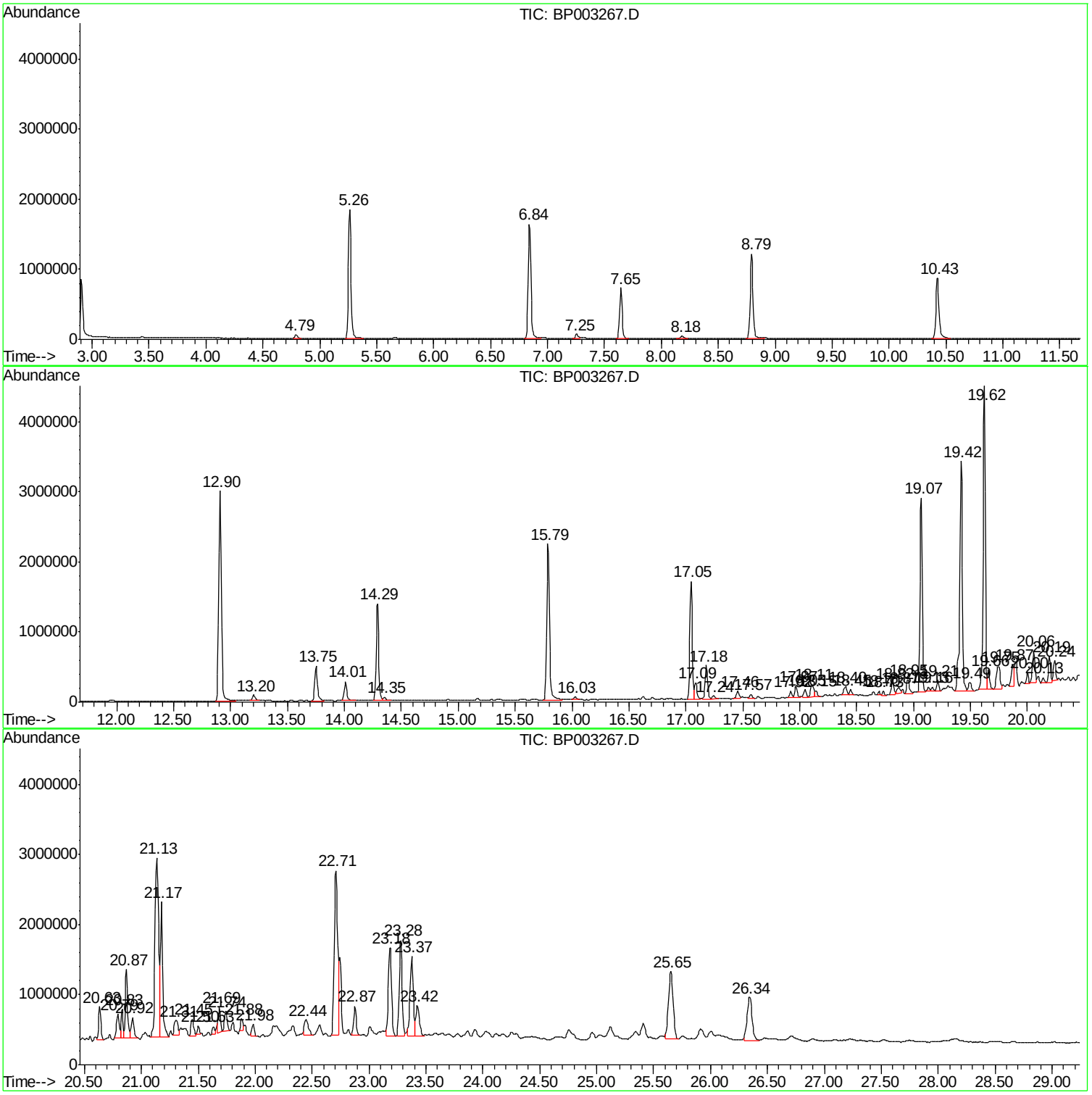
Instrument :
BNA_P
ClientSampleId :
BSY-SB-03-0-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
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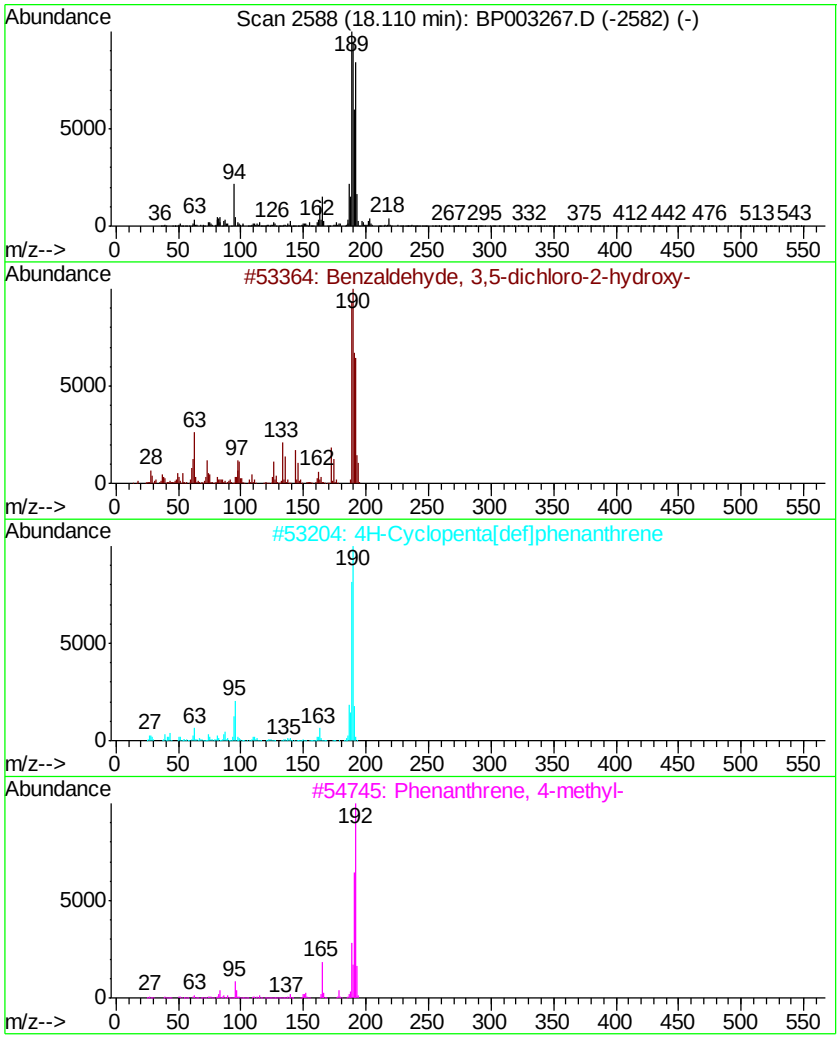
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

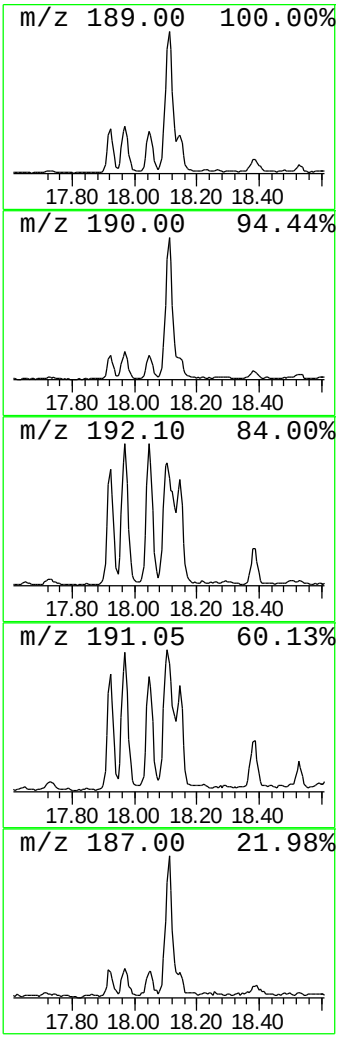
****

Peak Number 1 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	3.04 ng	365367	Phenanthrene-d10	17.05

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	55
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BSY-SB-03-0-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

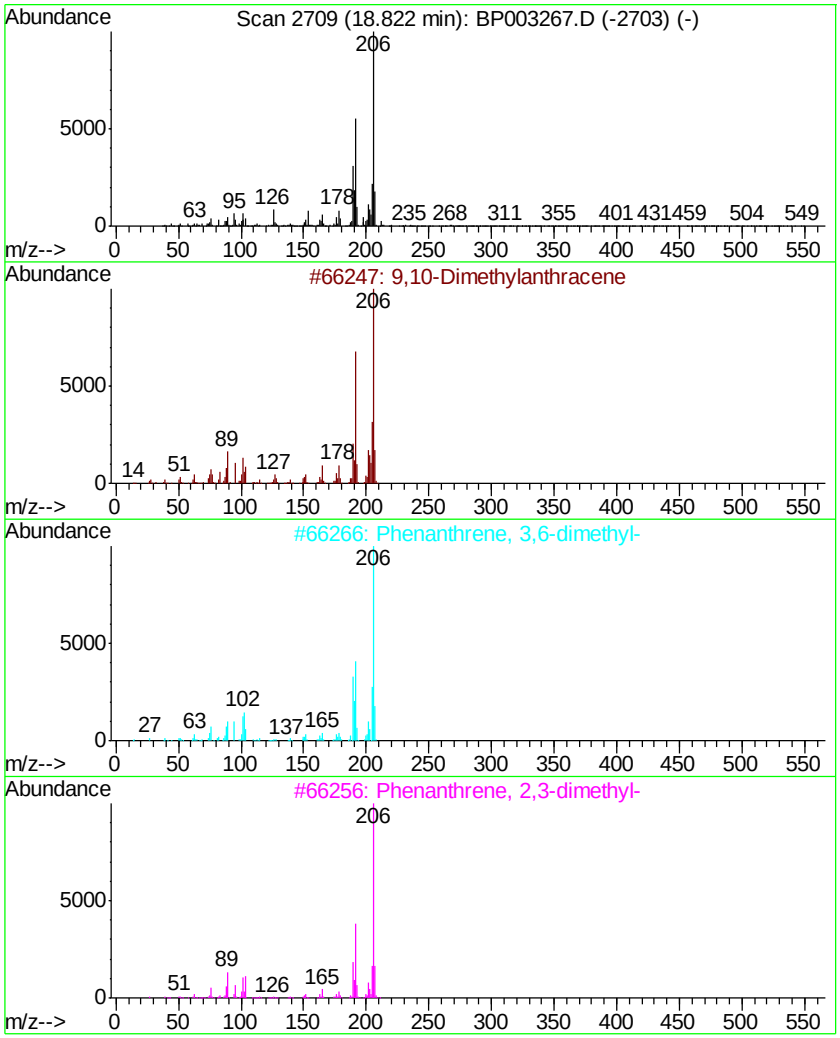
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

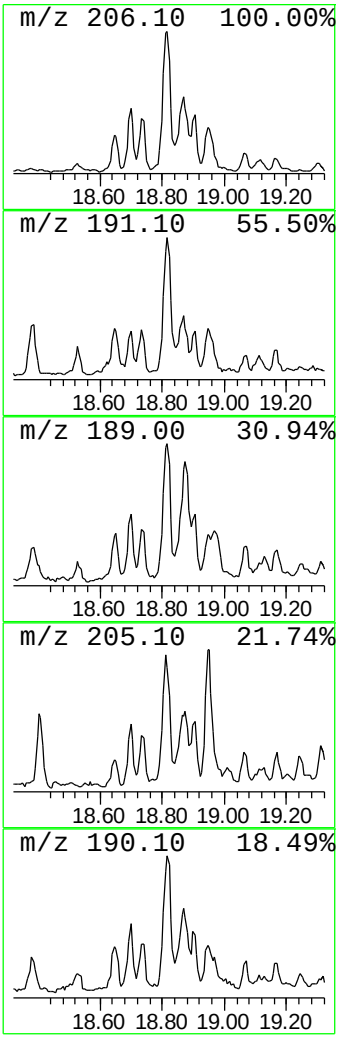
****

Peak Number 2 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.24 ng	269448	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	87





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Sample : L3975-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BSY-SB-03-0-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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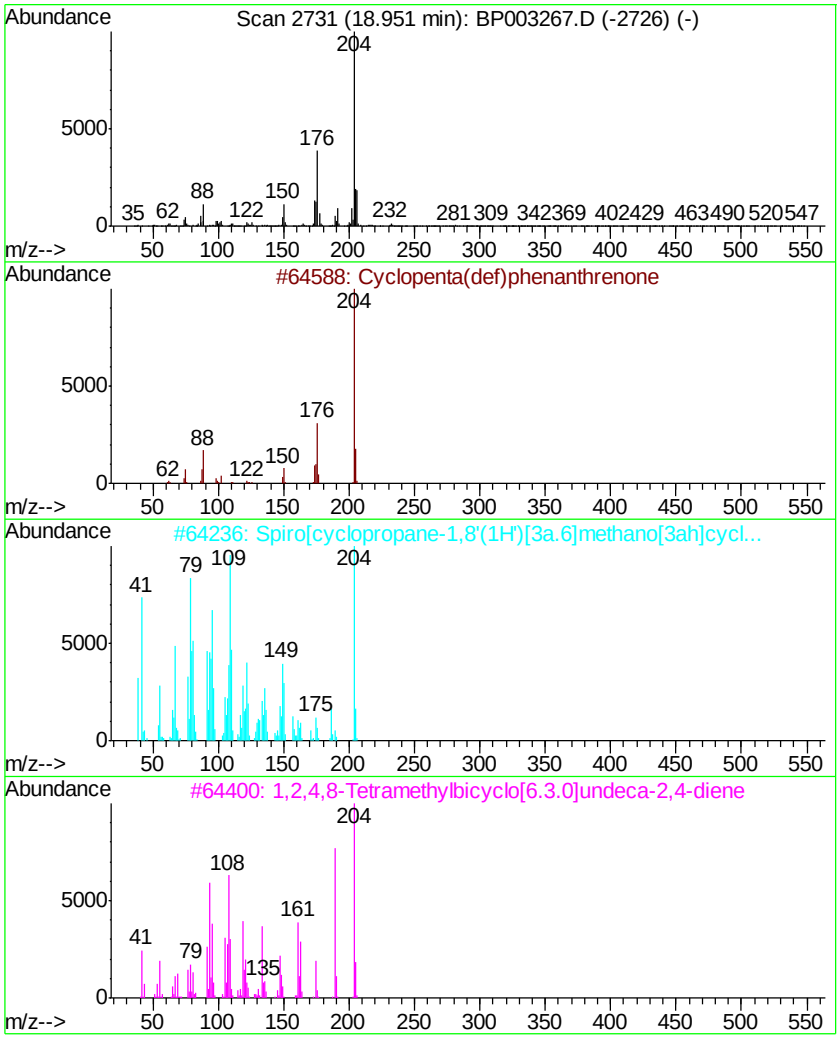
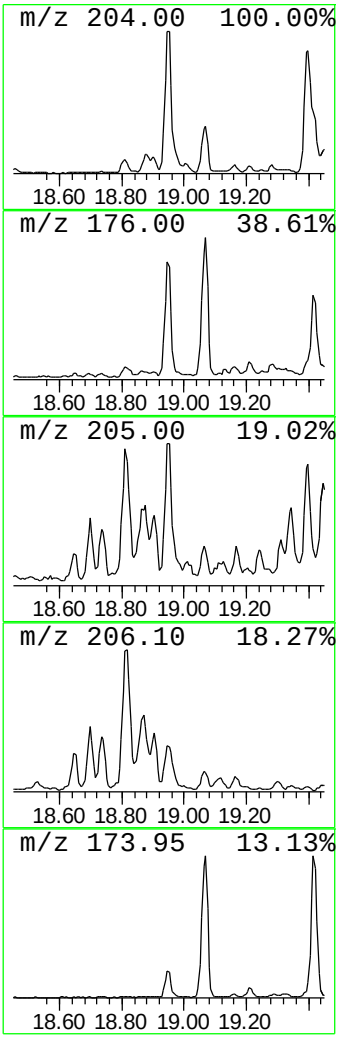
Peak Number 3 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	2.64 ng	317708	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	Spiro[cyclopropane-1,8'(1H')[3a....	204	C14H20O	452049-62-6	93
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4	Tetrathiafulvalene	204	C6H4S4	031366-25-3	47
5	.alpha.-l-Mannopyranoside, methy...	394	C16H38O5Si3	056271-60-4	47





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
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TIC Library : C:\DATABASE\NIST11.L
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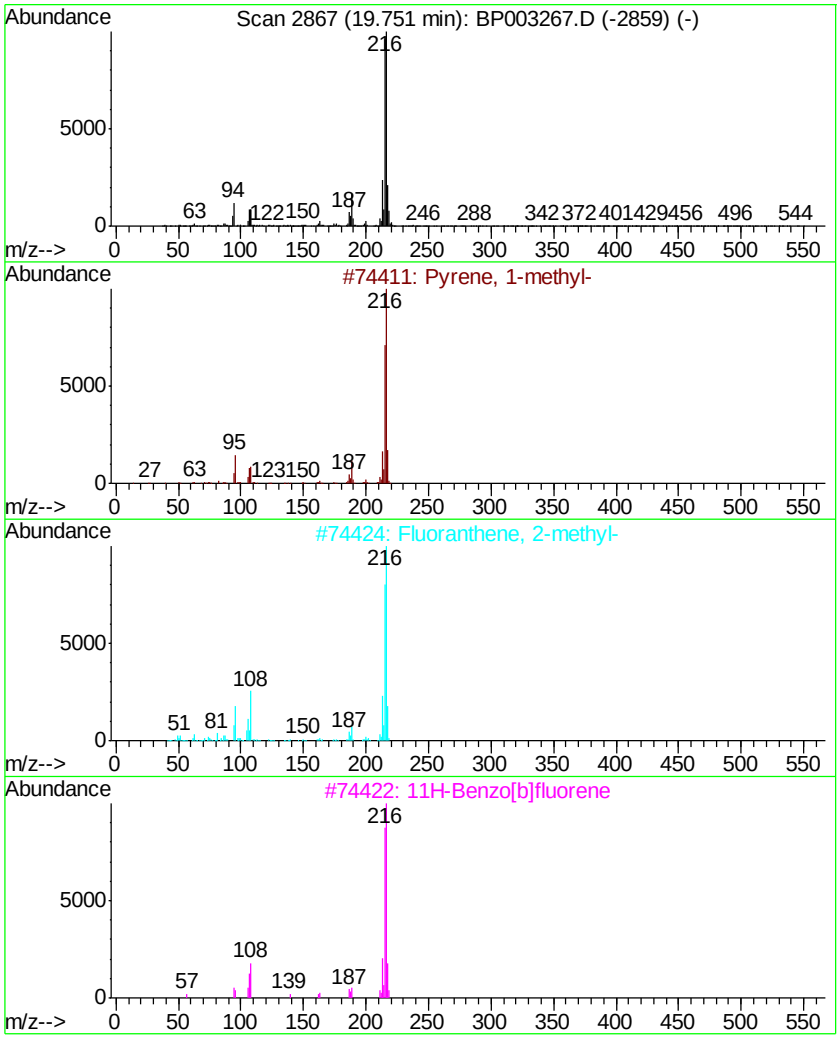
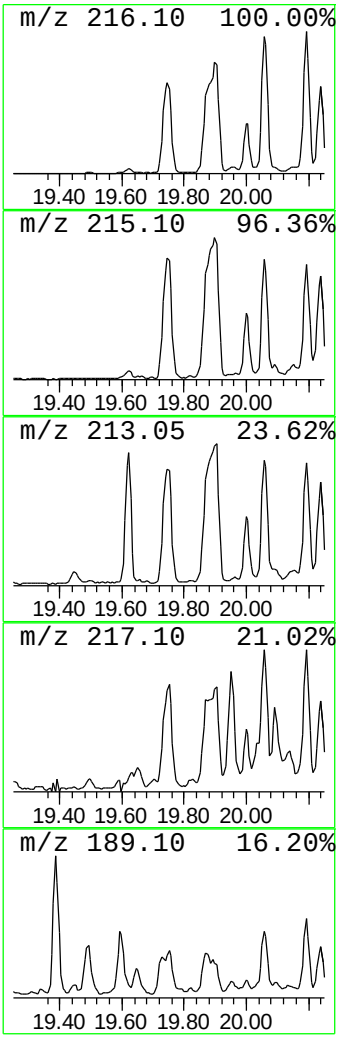
Peak Number 4 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.46 ng	728987	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
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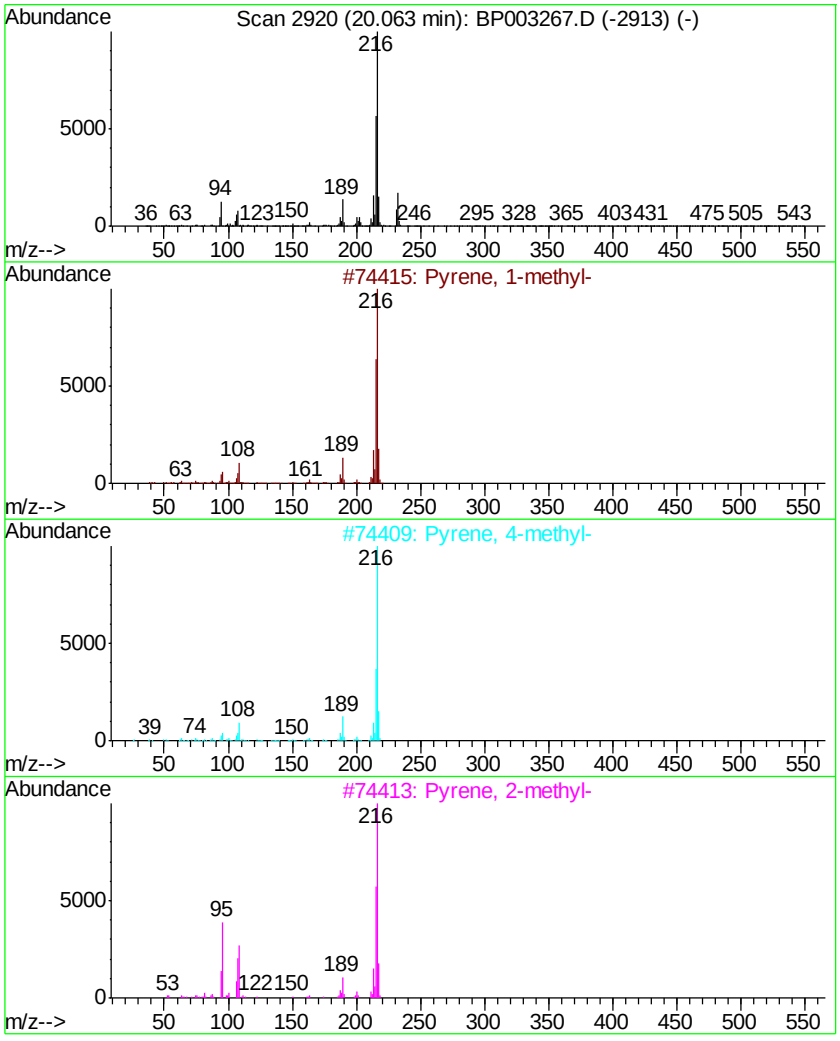
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

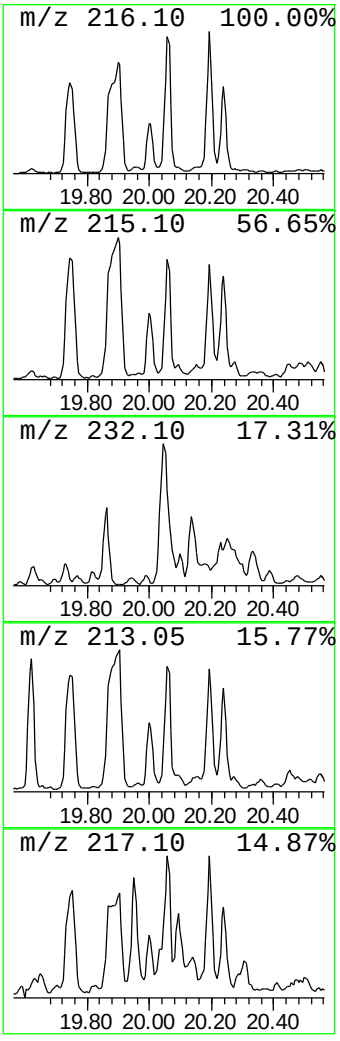
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.46 ng	729134	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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Instrument : BNA_P
ClientSampleId : BSY-SB-03-0-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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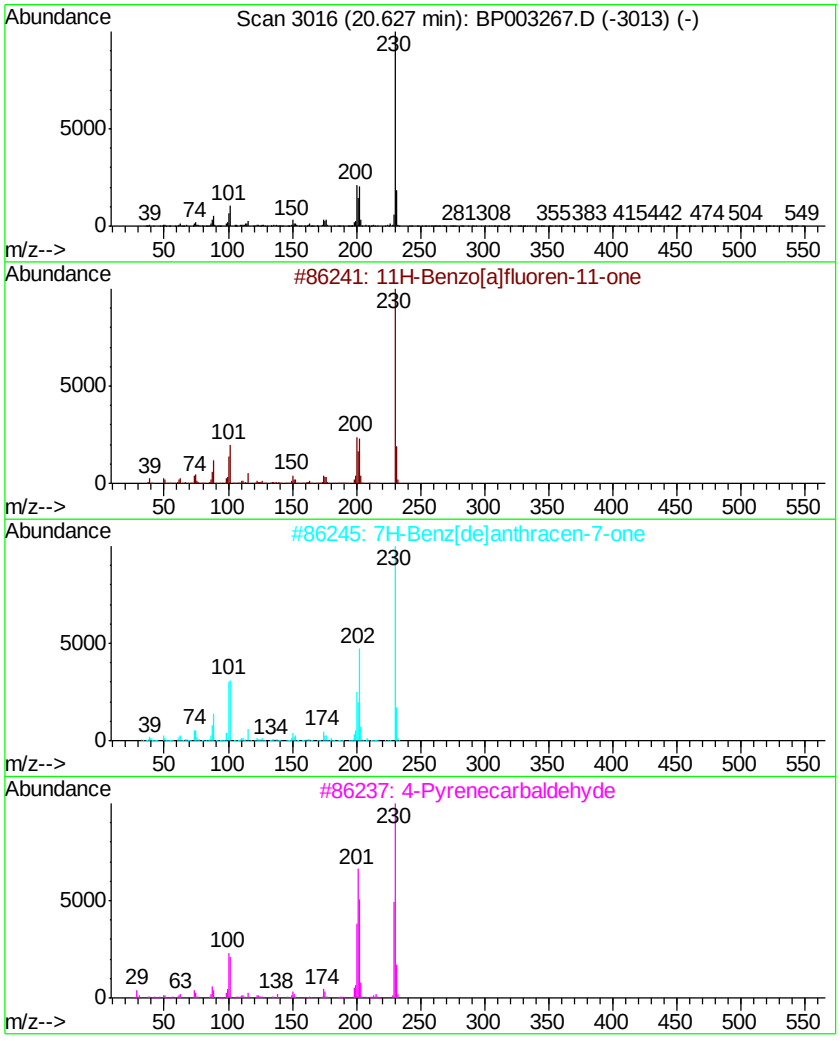
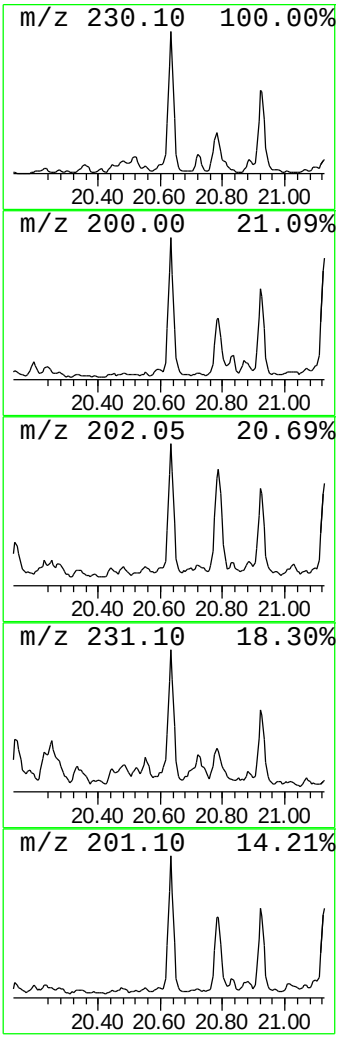
Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	2.09 ng	621347	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	87
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	o-Terphenyl	230	C18H14	000084-15-1	53





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Operator : CG/JU
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BSY-SB-03-0-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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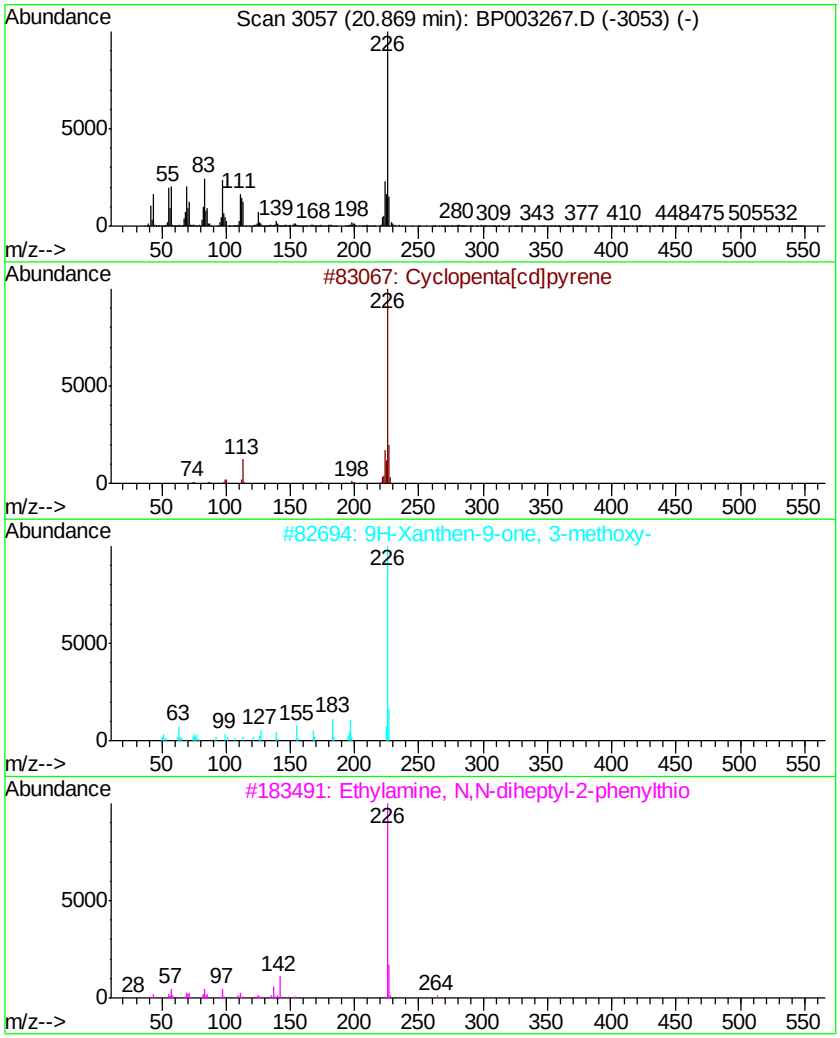
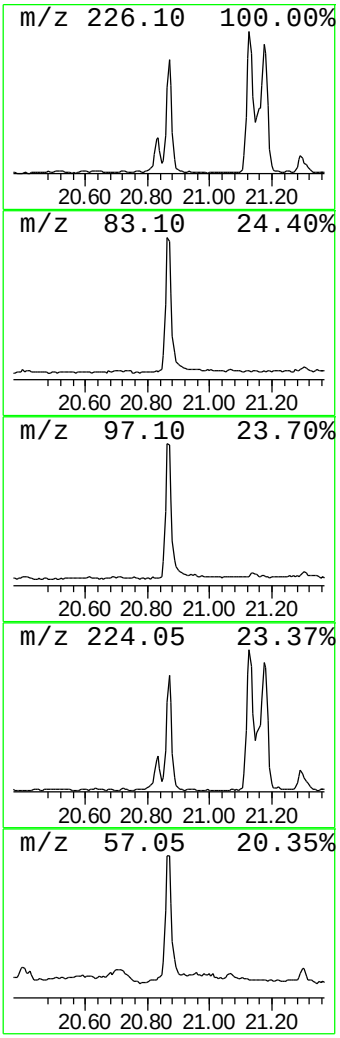
Peak Number 7 Cyclopenta[cd]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.60 ng	1365620	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
3	Ethylamine, N,N-diheptyl-2-phenyl...	349	C22H39NS	1000310-32-6	38
4	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	28
5	Benzonitrile, 2-(5-methyl-2-thie...	226	C13H10N2S	315670-19-0	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
Data File : BP003267.D
Acq On : 11 Sep 2020 18:59
Operator : CG/JU
Sample : L3975-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BSY-SB-03-0-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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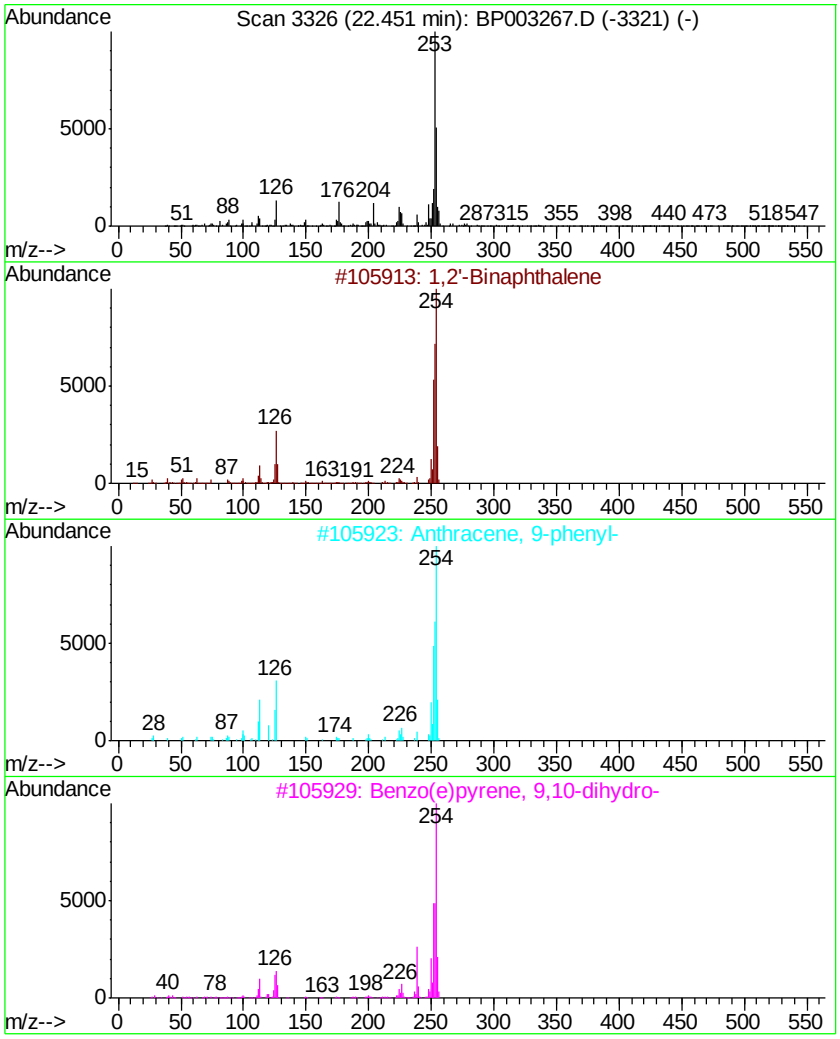
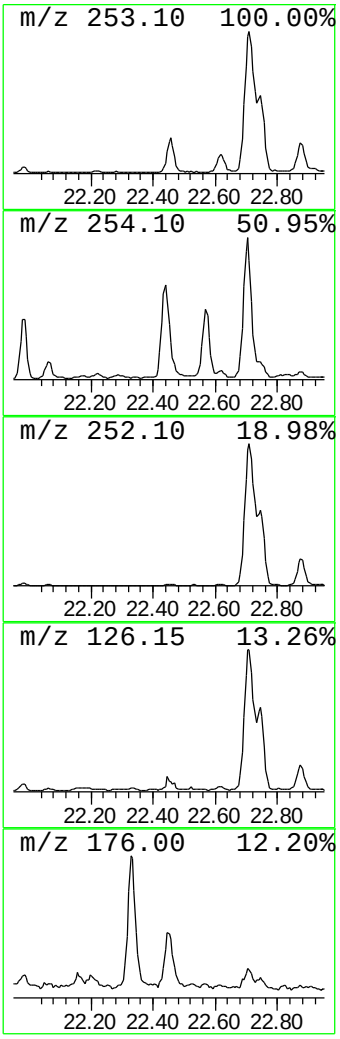
Peak Number 8 1,2'-Binaphthalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	4.95 ng	562793	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2'-Binaphthalene	254	C20H14	004325-74-0	70
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
3	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	68
4	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64
5	Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
Data File : BP003267.D
Acq On : 11 Sep 2020 18:59
Operator : CG/JU
Sample : L3975-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BSY-SB-03-0-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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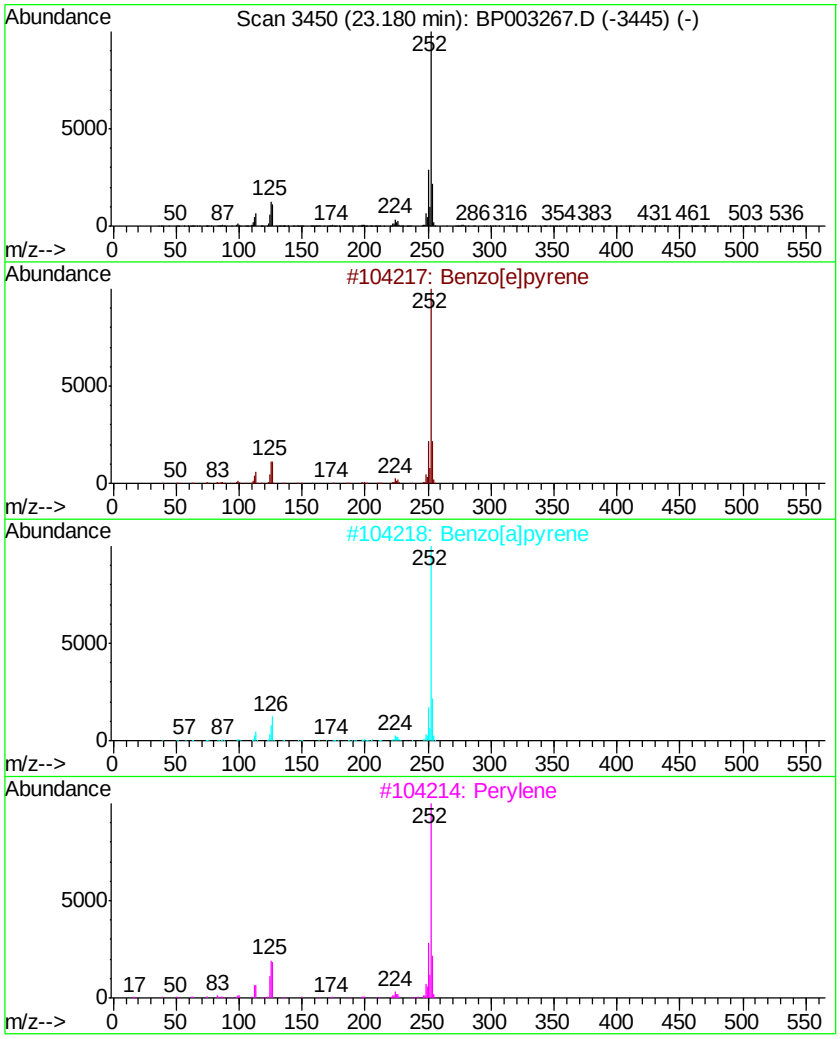
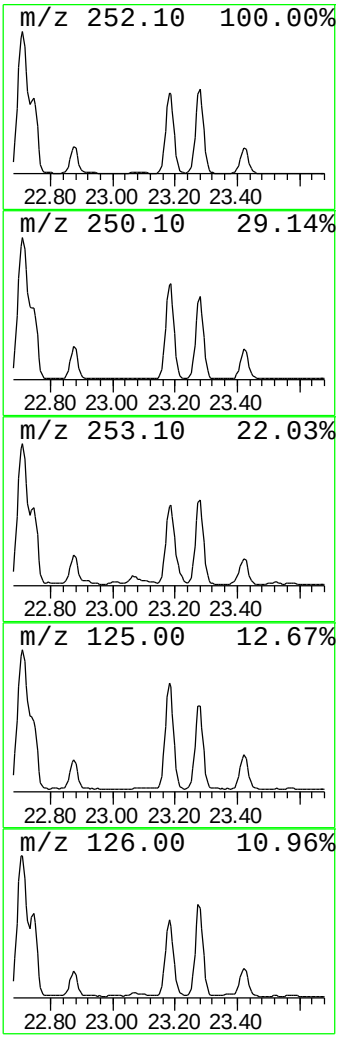
Peak Number 10 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	21.90 ng	2487900	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091120\
Data File : BP003267.D
Acq On : 11 Sep 2020 18:59
Operator : CG/JU
Sample : L3975-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BSY-SB-03-0-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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
Benzaldehyde, 3,5...	18.11	3.0	ng	365367	4	17.05	2407440	20.0
9,10-Dimethylanth...	18.82	2.2	ng	269448	4	17.05	2407440	20.0
Cyclopenta(def)ph...	18.95	2.6	ng	317708	4	17.05	2407440	20.0
Fluoranthene, 2-m...	19.75	2.5	ng	728987	5	21.14	5938430	20.0
Pyrene, 1-methyl-	20.06	2.5	ng	729134	5	21.14	5938430	20.0
11H-Benzo[a]fluor...	20.63	2.1	ng	621347	5	21.14	5938430	20.0
Cyclopenta[cd]pyrene	20.87	4.6	ng	1365620	5	21.14	5938430	20.0
1,2'-Binaphthalene	22.45	5.0	ng	562793	6	23.37	2272420	20.0
Benzo[e]pyrene	23.18	21.9	ng	2487900	6	23.37	2272420	20.0