LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013322.D
Acq On : 12 Dec 2017 01:57
Operator : SJ/JU
Sample : I6758-07 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B08

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.869	637	643	650	rBV3	79245	143641	1.59%	0.184%
2	7.028	665	670	676	rBV2	58472	93616	1.04%	0.120%
3	7.222	698	703	709	rVB2	84380	134490	1.49%	0.172%
4	7.687	775	782	791	rBV	954167	1516377	16.82%	1.943%
5	8.398	895	903	910	rBV	104766	182537	2.02%	0.234%
6	8.839	972	978	986	rBV	85198	150019	1.66%	0.192%
7	9.557	1094	1100	1107	rVB3	63870	115648	1.28%	0.148%
8	10.092	1185	1191	1198	rBV2	105223	190286	2.11%	0.244%
9	10.469	1248	1255	1261	rBV	1353083	2284852	25.35%	2.928%
10	10.610	1273	1279	1288	rBV2	55451	108923	1.21%	0.140%
11	13.739	1804	1811	1816	rBV	213933	315937	3.50%	0.405%
12	14.021	1852	1859	1861	rBV	228868	381722	4.23%	0.489%
13	14.051	1861	1864	1871	rVB	368480	503634	5.59%	0.645%
14	14.327	1903	1911	1919	rBV2	2002468	3193971	35.43%	4.093%
15	14.551	1940	1949	1955	rBV7	51980	120839	1.34%	0.155%
16	15.321	2074	2080	2087	rBV	307848	468883	5.20%	0.601%
17	15.451	2098	2102	2107	rBV3	67016	93400	1.04%	0.120%
18	16.057	2198	2205	2217	rVB6	94637	199357	2.21%	0.255%
19	16.733	2315	2320	2325	rBV2	57089	97039	1.08%	0.124%
20	17.080	2372	2379	2383	rBV	2760301	3777323	41.90%	4.840%
21	17.115	2383	2385	2390	rVV	160631	222511	2.47%	0.285%
22	17.174	2390	2395	2398	rVV2	324068	500337	5.55%	0.641%
23	17.209	2398	2401	2406	rVV	434538	591608	6.56%	0.758%
24	17.268	2407	2411	2420	rVB4	57510	120156	1.33%	0.154%
25	17.480	2443	2447	2451	rBV	123015	179033	1.99%	0.229%
26	17.751	2488	2493	2497	rVB3	69223	117181	1.30%	0.150%
27	18.080	2544	2549	2553	rBV	116908	193924	2.15%	0.248%
28	18.151	2557	2561	2570	rVB4	112461	228327	2.53%	0.293%
29	18.345	2590	2594	2598	rBV	172969	262764	2.91%	0.337%
30	18.498	2616	2620	2624	rBV2	157762	199579	2.21%	0.256%
31	18.874	2680	2684	2690	rBV4	82837	166763	1.85%	0.214%
32	19.015	2703	2708	2715	rBV	451985	672744	7.46%	0.862%
33	19.139	2724	2729	2736	rVB	2192309	2882289	31.97%	3.693%
34	19.239	2743	2746	2749	rVB	107367	111820	1.24%	0.143%

LSC Area Percent Report

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Data File : BM013322.D
Acq On : 12 Dec 2017 01:57
Operator : SJ/JU
Sample : I6758-07 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B08

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

35	19.286	2751	2754	2758	rVB2	116403	169221	1.88%	0.217%
36	19.474	2781	2786	2787	rBV2	780007	1025220	11.37%	1.314%
37	19.503	2787	2791	2800	rVB	2437320	3533747	39.20%	4.528%
38	19.580	2800	2804	2809	rBV4	167519	321737	3.57%	0.412%
39	19.686	2818	2822	2827	rVV	188817	316104	3.51%	0.405%
40	19.745	2828	2832	2837	rVB	424590	637015	7.07%	0.816%
41	19.827	2841	2846	2853	rBV5	445328	1017044	11.28%	1.303%
42	19.980	2865	2872	2879	rVB2	638294	1941983	21.54%	2.488%
43	20.097	2888	2892	2896	rBV2	395656	491875	5.46%	0.630%
44	20.156	2896	2902	2906	rVV2	605331	1146326	12.72%	1.469%
45	20.192	2906	2908	2912	rVB2	195480	244885	2.72%	0.314%
46	20.297	2922	2926	2930	rBV	488705	694701	7.71%	0.890%
47	20.345	2930	2934	2938	rVB	351637	534802	5.93%	0.685%
48	20.509	2960	2962	2966	rVB4	115208	124668	1.38%	0.160%
49	20.550	2966	2969	2972	rBV3	138216	218686	2.43%	0.280%
50	20.709	2993	2996	2999	rBV3	155468	196114	2.18%	0.251%
51	20.750	2999	3003	3009	rVV2	470607	689755	7.65%	0.884%
52	20.915	3028	3031	3034	rVB2	346613	392145	4.35%	0.502%
53	20.950	3034	3037	3040	rVV	401932	422632	4.69%	0.542%
54	20.992	3040	3044	3049	rVV2	634950	975731	10.82%	1.250%
55	21.044	3050	3053	3059	rVB	387062	580265	6.44%	0.744%
56	21.268	3081	3091	3095	rBV2	3976179	9014546	100.00%	11.551%
57	21.303	3095	3097	3105	rVB	2946916	3765051	41.77%	4.824%
58	21.421	3114	3117	3124	rBV2	442411	701178	7.78%	0.898%
59	21.568	3139	3142	3148	rBV	397364	630203	6.99%	0.808%
60	21.627	3149	3152	3156	rVV2	225494	305318	3.39%	0.391%
61	21.815	3182	3184	3188	rVB2	603212	652251	7.24%	0.836%
62	22.009	3214	3217	3220	rBV2	302369	355954	3.95%	0.456%
63	22.286	3262	3264	3267	rBV	151553	182642	2.03%	0.234%
64	22.833	3350	3357	3362	rBV	3874361	8527658	94.60%	10.927%
65	22.997	3381	3385	3392	rVB	519840	805101	8.93%	1.032%
66	23.127	3403	3407	3411	rBV2	252648	504341	5.59%	0.646%
67	23.303	3432	3437	3443	rBV	1596118	2833129	31.43%	3.630%
68	23.397	3448	3453	3460	rVB	1905205	3464448	38.43%	4.439%
69	23.497	3463	3470	3474	rVV	1631206	3170888	35.18%	4.063%
70	23.544	3474	3478	3487	rVB2	715674	1456309	16.16%	1.866%
71	25.732	3841	3850	3864	rVB2	1142222	3562674	39.52%	4.565%

LSC Area Percent Report

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Acq On : 12 Dec 2017 01:57
Operator : SJ/JU
Sample : I6758-07 10X
Misc :
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Instrument : BNA_M
ClientSampleId : F9B08

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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72	26.409	3958	3965	3977	rVB	693571	1914400	21.24%	2.453%

Sum of corrected areas: 78042277

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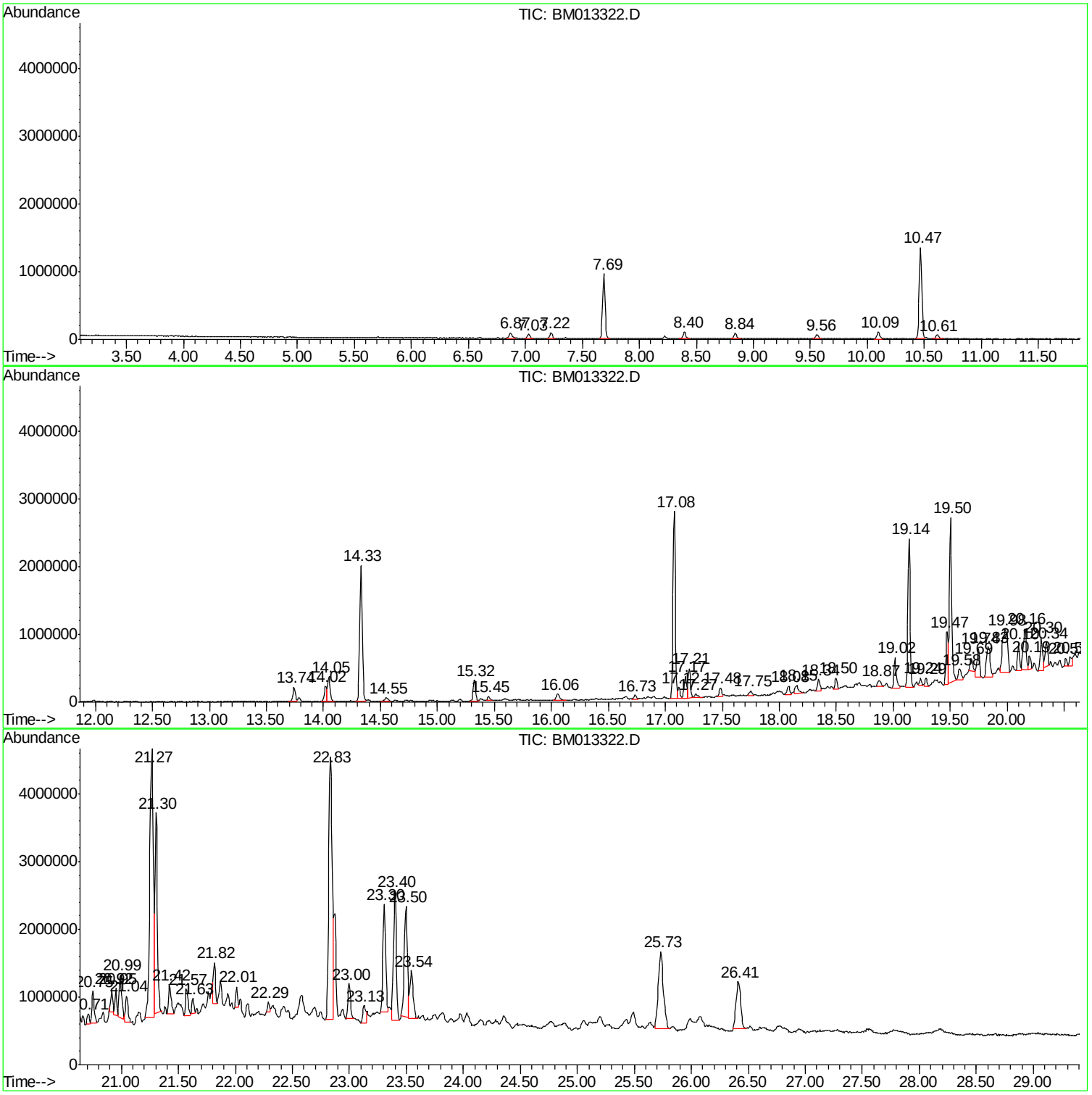
Instrument :
BNA_M
ClientSampleId :
F9B08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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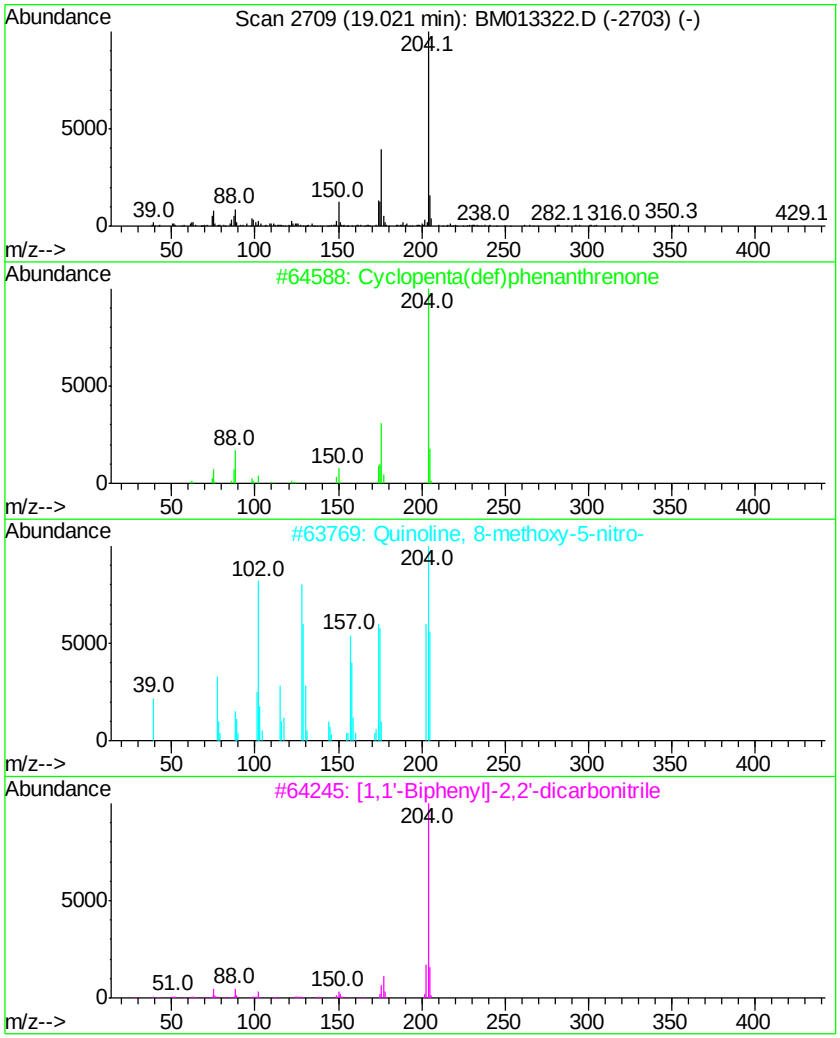
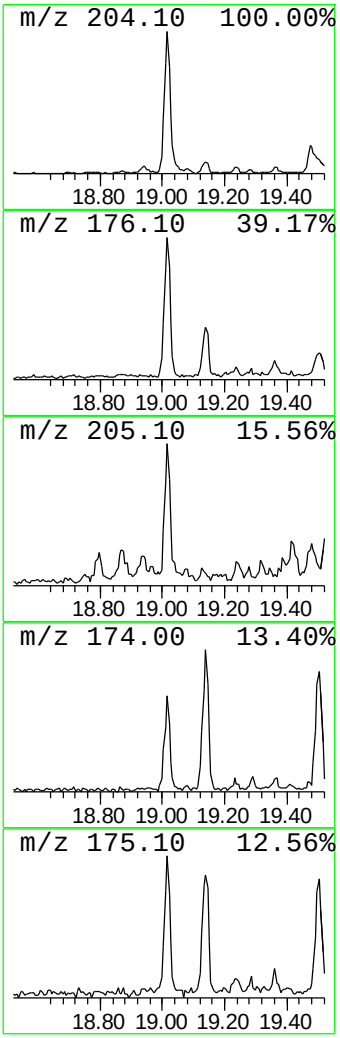
Peak Number 1 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	3.56 ng/ul	672744	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	45
4	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	45
5	Cyclohexanone, 2-[(4-methoxyphen...	301	C19H27NO2	094318-28-2	43





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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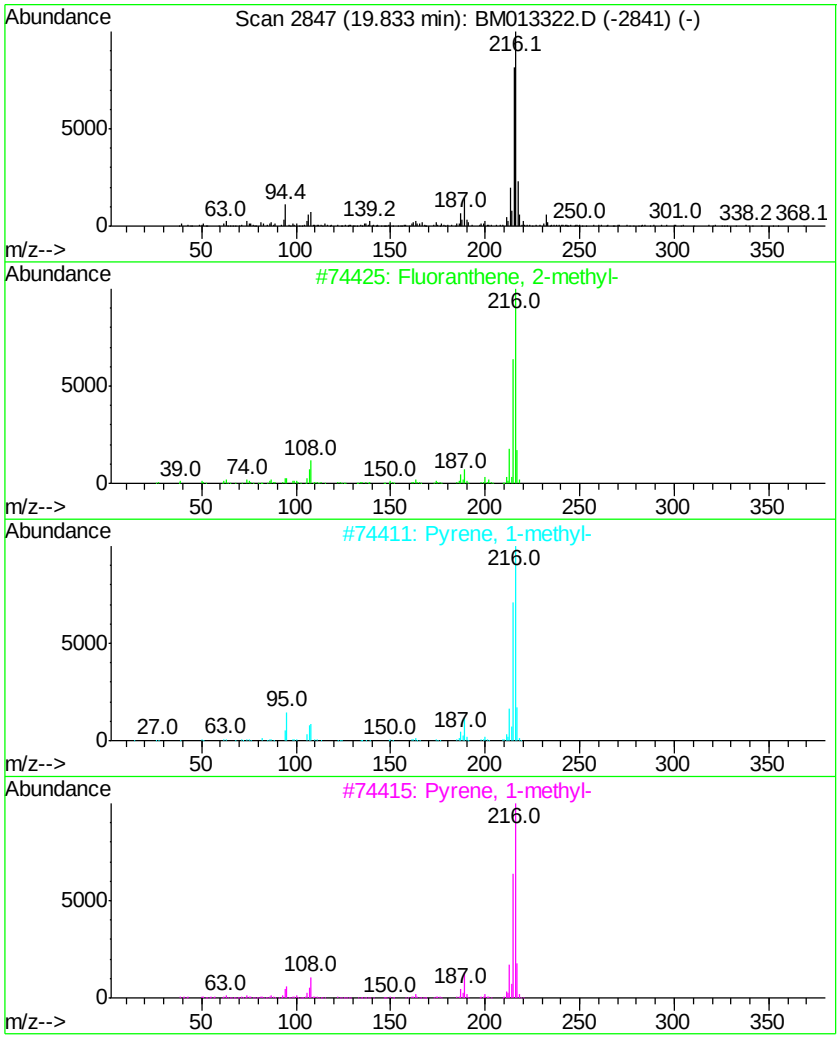
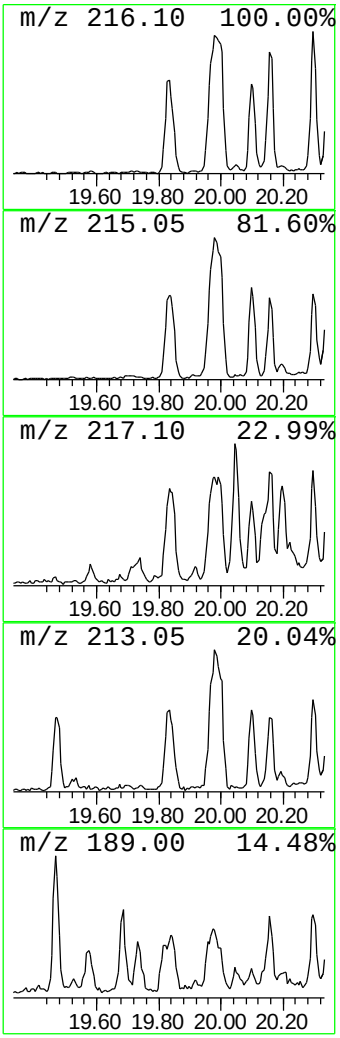
****

Peak Number 2 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.26 ng/ul	1017040	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90





Library Search Compound Report

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Acq On : 12 Dec 2017 01:57
Operator : SJ/JU
Sample : I6758-07 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

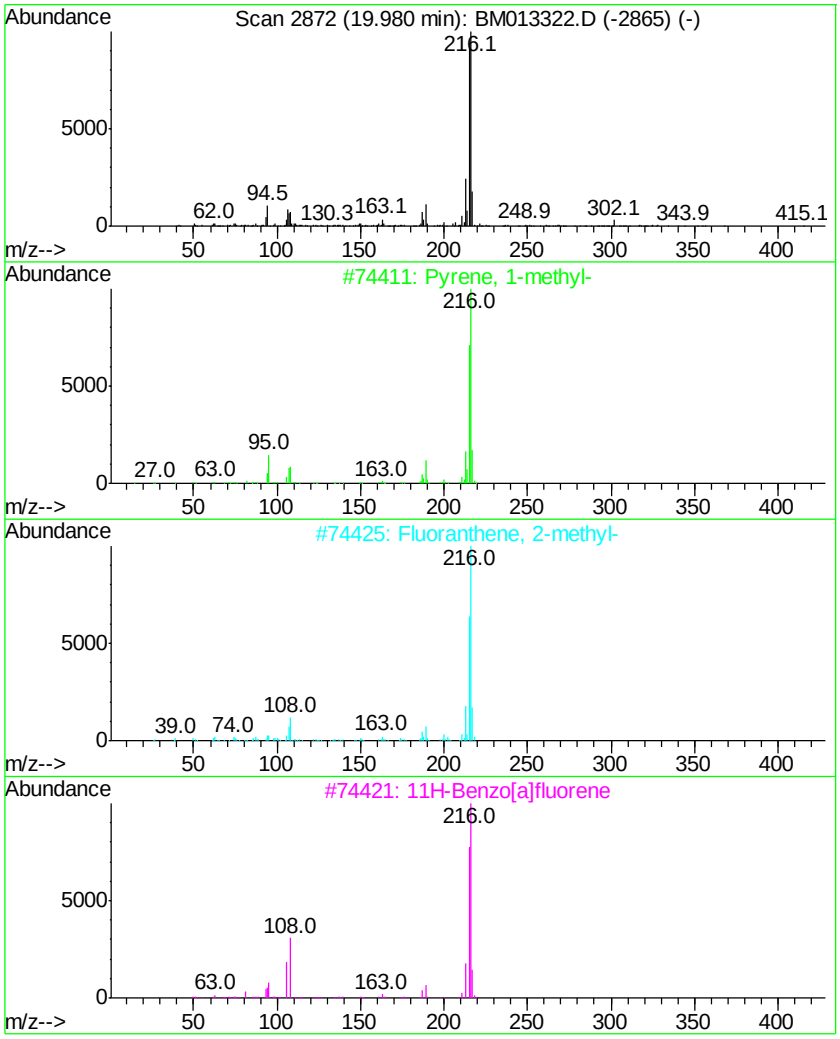
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

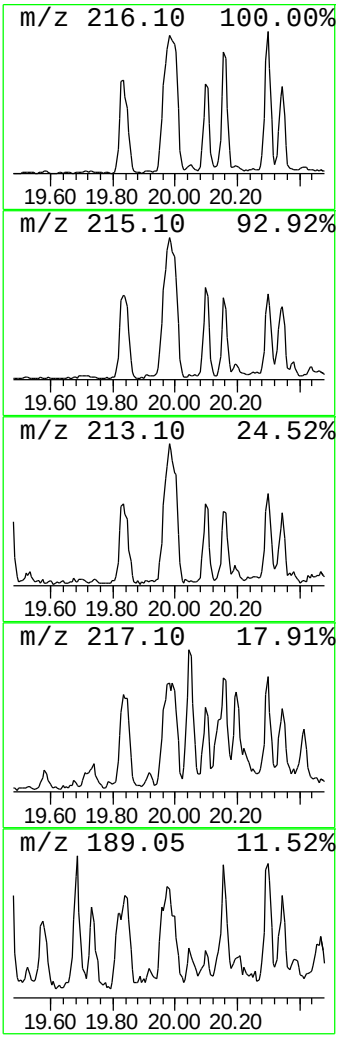
****

Peak Number 3 Pyrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	4.31 ng/ul	1941980	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : F9B08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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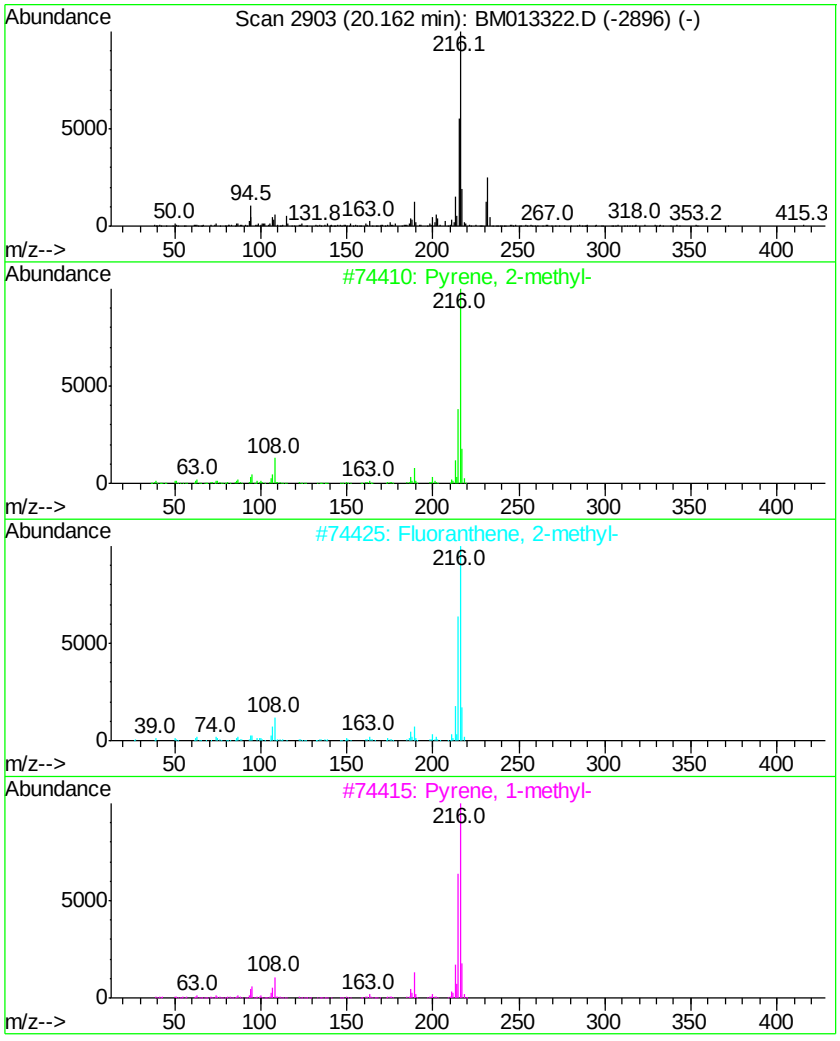
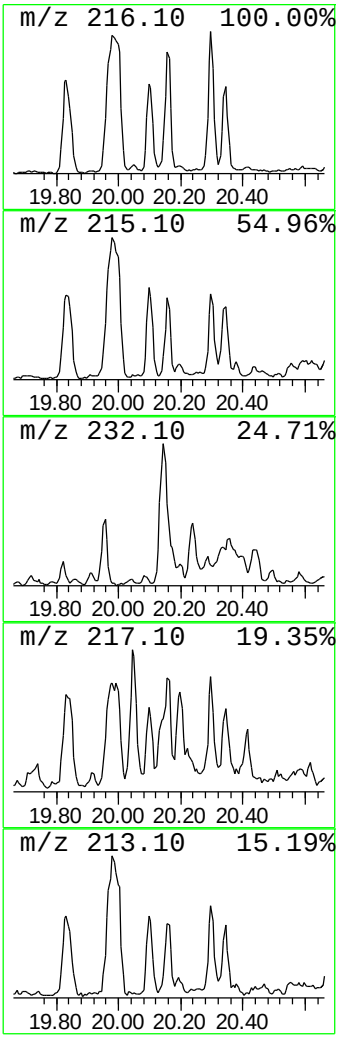
Peak Number 4 Pyrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.54 ng/ul	1146330	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60





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Sample : I6758-07 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

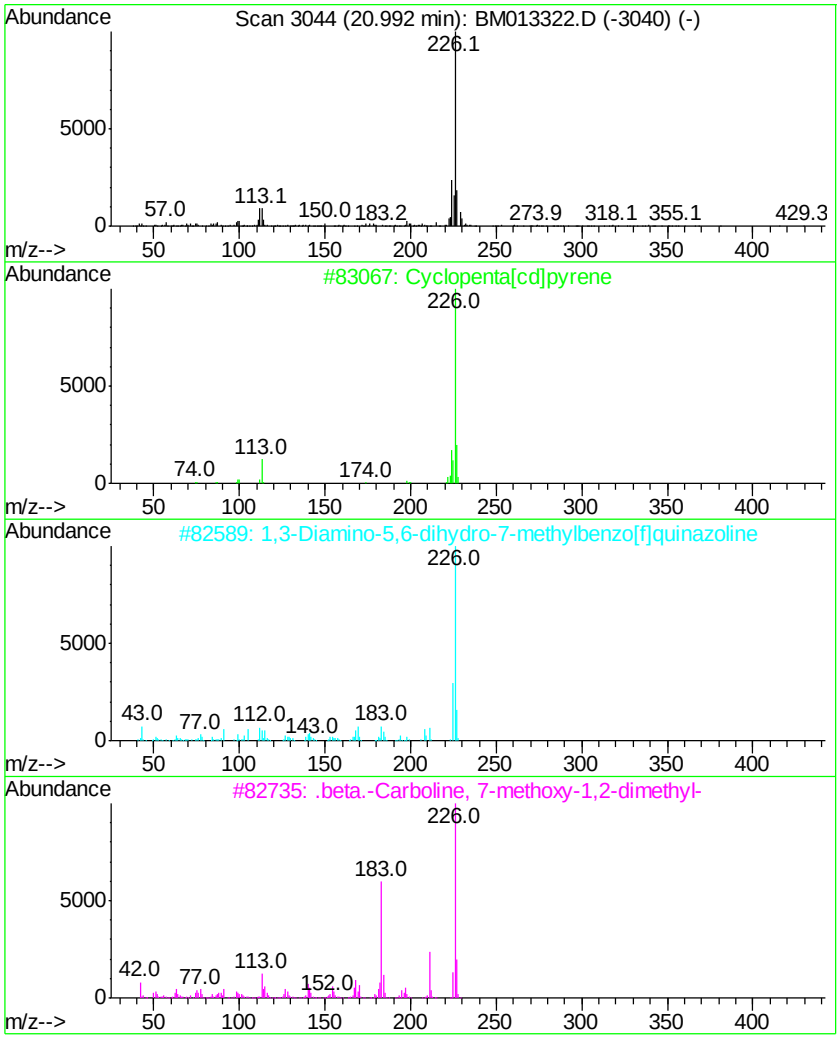
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

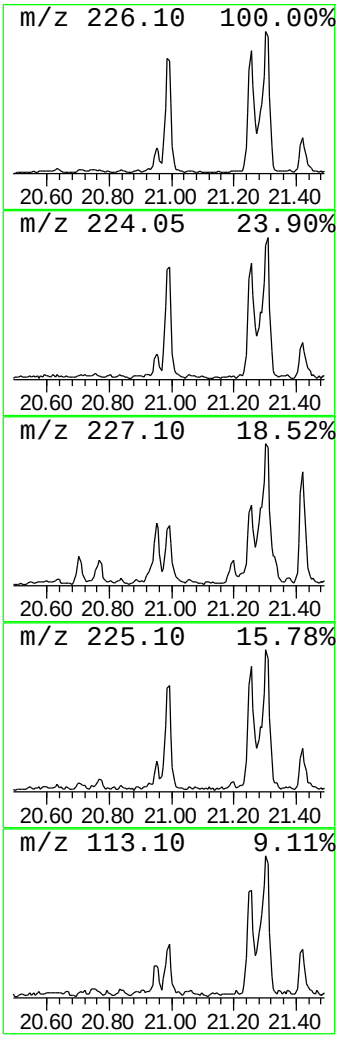
****

Peak Number 5 Cyclopenta[cd]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.16 ng/ul	975731	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	62
2	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
4	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	53
5	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	53





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

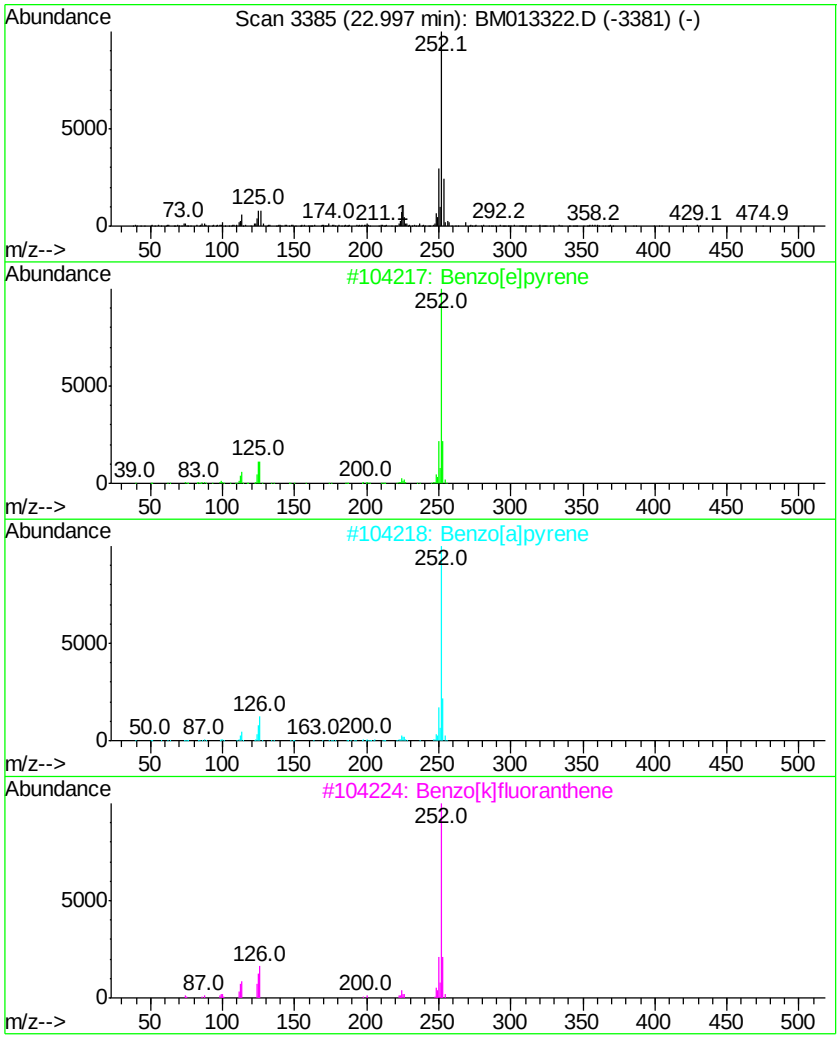
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

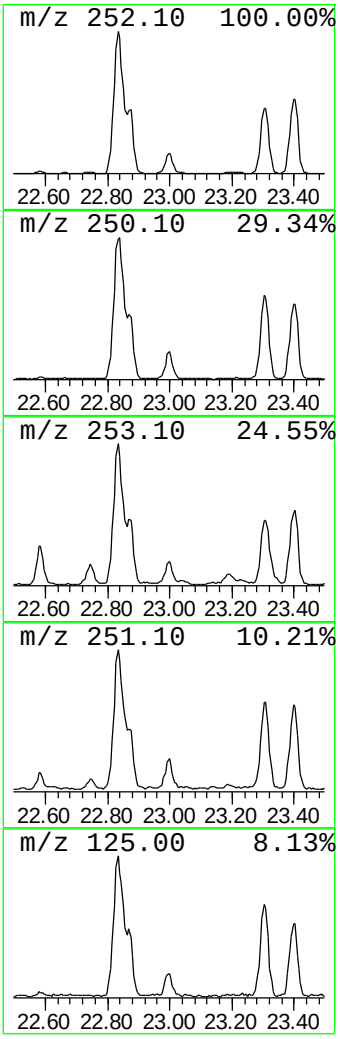
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	5.08 ng/ul	805101	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Perylene	252	C20H12	000198-55-0	81





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Quant Title : SVOA CALIBRATION

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

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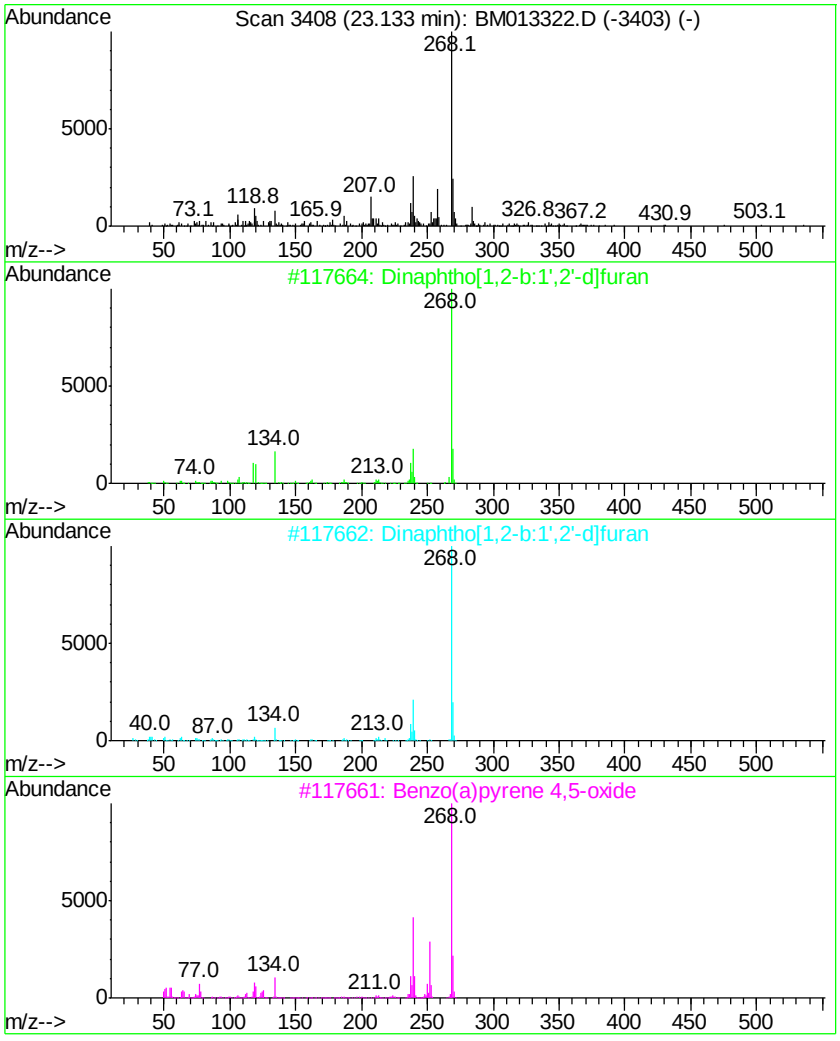
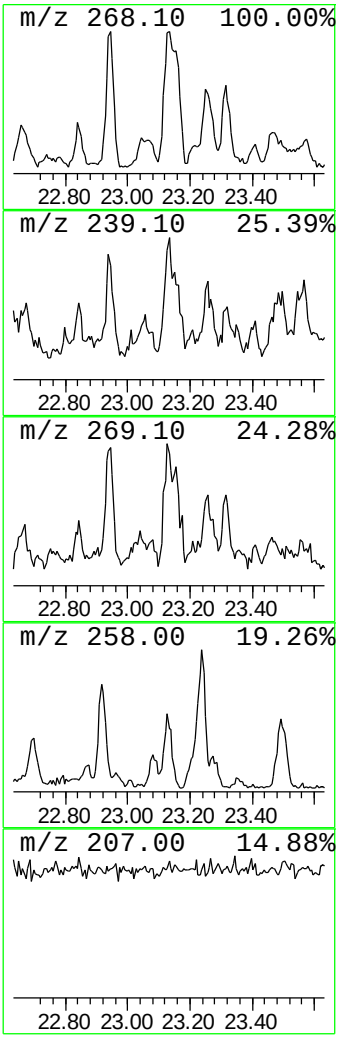
Peak Number 7 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	3.18 ng/ul	504341	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	76
4	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	53
5	Benzo[c]pyren-6,7-diol, 4,5-dihy...	433	C29H23NO3	1000124-59-9	53





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM121117\
Data File : BM013322.D
Acq On : 12 Dec 2017 01:57
Operator : SJ/JU
Sample : I6758-07 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B08

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA 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
Cyclopenta(def)ph...	19.02	3.6	ng/ul	672744	4	17.08	3777320	20.0
Fluoranthene, 2-m...	19.83	2.3	ng/ul	1017040	5	21.27	9014550	20.0
Pyrene, 1-methyl-	19.98	4.3	ng/ul	1941980	5	21.27	9014550	20.0
Pyrene, 2-methyl-	20.16	2.5	ng/ul	1146330	5	21.27	9014550	20.0
Cyclopenta[cd]pyrene	20.99	2.2	ng/ul	975731	5	21.27	9014550	20.0
Benzo[e]pyrene	23.00	5.1	ng/ul	805101	6	23.50	3170890	20.0
Dinaphtho[1,2-b:1...	23.13	3.2	ng/ul	504341	6	23.50	3170890	20.0