LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013320.D
Acq On : 12 Dec 2017 00:45
Operator : SJ/JU
Sample : I6758-11 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12

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	636	643	652	rBV2	165450	310281	5.63%	0.602%
2	7.028	665	670	679	rVB	127885	194010	3.52%	0.376%
3	7.222	697	703	709	rVB	170758	266121	4.83%	0.516%
4	7.345	719	724	733	rVB6	27851	55396	1.01%	0.107%
5	7.686	776	782	790	rBV	1109489	1734343	31.48%	3.362%
6	8.222	867	873	880	rVB2	65206	116597	2.12%	0.226%
7	8.392	896	902	911	rBV2	205684	349352	6.34%	0.677%
8	8.839	972	978	986	rVB2	166953	276070	5.01%	0.535%
9	9.557	1094	1100	1107	rBV2	133144	237704	4.31%	0.461%
10	10.092	1184	1191	1200	rBV2	210357	358299	6.50%	0.695%
11	10.469	1245	1255	1268	rBV	1527043	2609733	47.37%	5.059%
12	10.610	1272	1279	1288	rBV4	87658	185007	3.36%	0.359%
13	12.004	1505	1516	1521	rBV4	53705	120981	2.20%	0.235%
14	13.745	1806	1812	1816	rBV	386720	564705	10.25%	1.095%
15	13.786	1816	1819	1828	rVB2	128251	194716	3.53%	0.377%
16	14.021	1852	1859	1861	rBV	437778	682757	12.39%	1.324%
17	14.051	1861	1864	1875	rVB	582637	860230	15.61%	1.668%
18	14.327	1905	1911	1920	rBV2	2170888	3480299	63.17%	6.747%
19	14.545	1941	1948	1957	rBV3	120716	250021	4.54%	0.485%
20	14.868	1996	2003	2008	rBV9	27896	66287	1.20%	0.129%
21	15.198	2054	2059	2065	rVB4	76665	119577	2.17%	0.232%
22	15.327	2075	2081	2087	rBV	543437	825791	14.99%	1.601%
23	15.392	2087	2092	2097	rVV4	37722	81023	1.47%	0.157%
24	15.451	2097	2102	2107	rVV2	138001	203044	3.69%	0.394%
25	15.598	2120	2127	2136	rVB8	66748	159372	2.89%	0.309%
26	16.057	2199	2205	2218	rVB4	275024	652838	11.85%	1.266%
27	16.657	2301	2307	2314	rBV4	55576	111360	2.02%	0.216%
28	16.727	2314	2319	2326	rBV2	396059	597556	10.85%	1.158%
29	16.845	2336	2339	2344	rBV3	107297	153113	2.78%	0.297%
30	16.898	2344	2348	2356	rVB	138060	225132	4.09%	0.436%
31	17.080	2373	2379	2384	rBV	2891566	4144369	75.22%	8.034%
32	17.174	2390	2395	2398	rBV2	585556	839806	15.24%	1.628%
33	17.209	2398	2401	2406	rVB	626098	844558	15.33%	1.637%
34	17.268	2408	2411	2416	rVB	69059	98424	1.79%	0.191%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013320.D
Acq On : 12 Dec 2017 00:45
Operator : SJ/JU
Sample : I6758-11 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12

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	17.486	2444	2448	2455	rVB	82658	135669	2.46%	0.263%
36	17.586	2461	2465	2472	rVB2	116210	167892	3.05%	0.325%
37	17.751	2489	2493	2498	rVB	125627	169218	3.07%	0.328%
38	17.980	2528	2532	2537	rBV4	117112	158807	2.88%	0.308%
39	18.080	2545	2549	2553	rBV2	124070	172478	3.13%	0.334%
40	18.156	2557	2562	2570	rVB5	93246	196929	3.57%	0.382%
41	18.280	2579	2583	2586	rBV3	102133	145803	2.65%	0.283%
42	18.345	2591	2594	2599	rVB	170661	205144	3.72%	0.398%
43	18.498	2617	2620	2623	rVB2	124410	130236	2.36%	0.252%
44	19.015	2704	2708	2713	rVB	247287	346482	6.29%	0.672%
45	19.139	2724	2729	2735	rVB	799994	1081988	19.64%	2.098%
46	19.286	2748	2754	2759	rVB	200605	391600	7.11%	0.759%
47	19.474	2781	2786	2788	rBV2	717975	1036438	18.81%	2.009%
48	19.503	2788	2791	2800	rVB	958974	1415965	25.70%	2.745%
49	19.745	2828	2832	2837	rVB	459855	676900	12.29%	1.312%
50	20.092	2889	2891	2896	rVB5	105231	119395	2.17%	0.231%
51	20.297	2923	2926	2930	rBV	152966	222147	4.03%	0.431%
52	20.744	3000	3002	3009	rVB2	191851	299516	5.44%	0.581%
53	20.986	3040	3043	3049	rVB2	431002	589965	10.71%	1.144%
54	21.268	3085	3091	3095	rBV	3595861	5509399	100.00%	10.680%
55	21.303	3095	3097	3108	rVB	722719	986213	17.90%	1.912%
56	22.827	3350	3356	3362	rBV	1759177	3736672	67.82%	7.244%
57	22.997	3381	3385	3391	rVB	527069	820840	14.90%	1.591%
58	23.303	3432	3437	3442	rBV	788005	1391108	25.25%	2.697%
59	23.397	3448	3453	3460	rVB	1001100	1911729	34.70%	3.706%
60	23.497	3464	3470	3475	rVV	1536379	2791636	50.67%	5.412%
61	25.727	3842	3849	3864	rVB3	848307	2943696	53.43%	5.707%
62	26.415	3959	3966	3975	rVB2	659167	1861121	33.78%	3.608%

Sum of corrected areas: 51583858

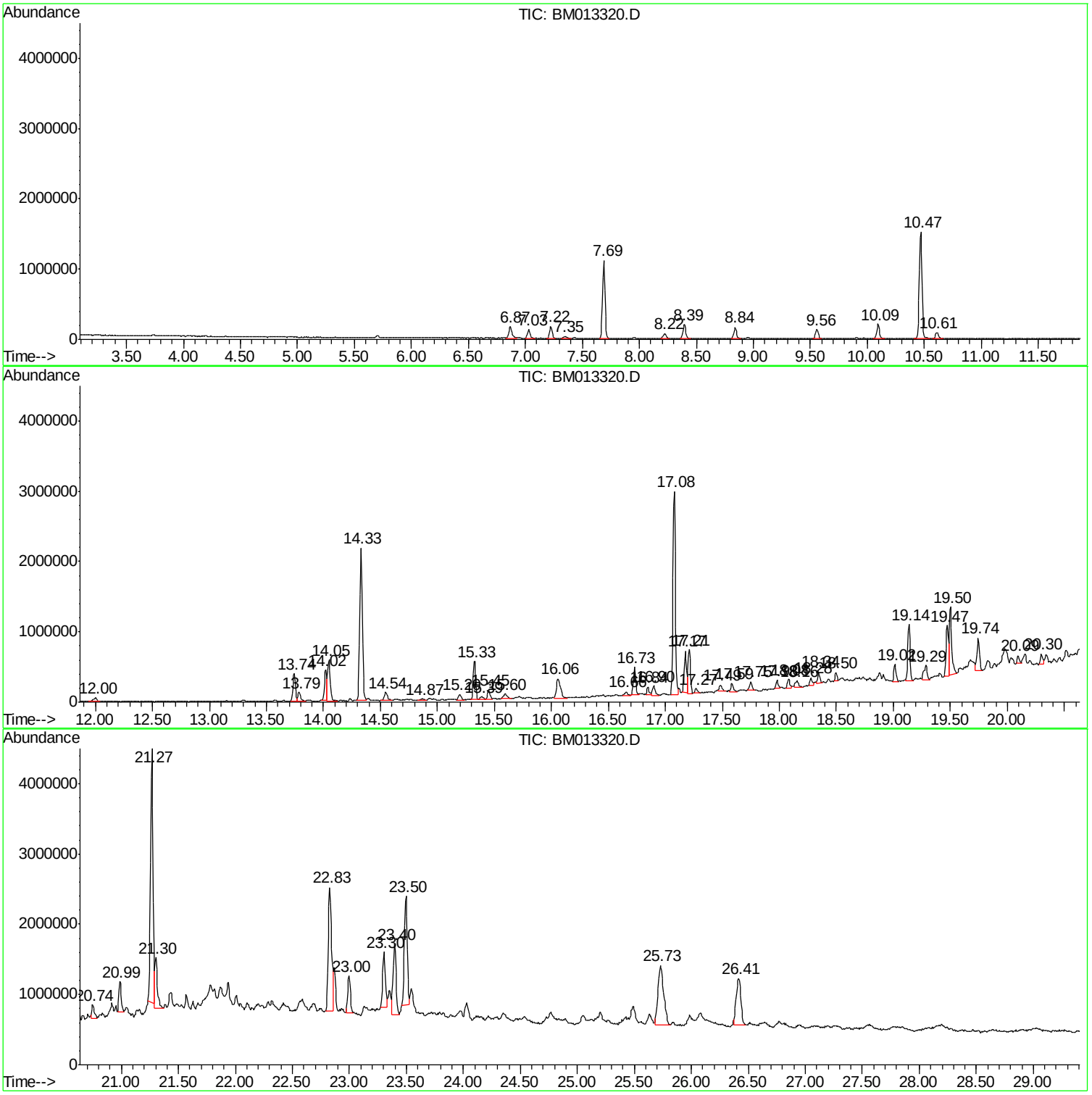
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013320.D
Acq On : 12 Dec 2017 00:45
Operator : SJ/JU
Sample : I6758-11 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013320.D
Acq On : 12 Dec 2017 00:45
Operator : SJ/JU
Sample : I6758-11 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12

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

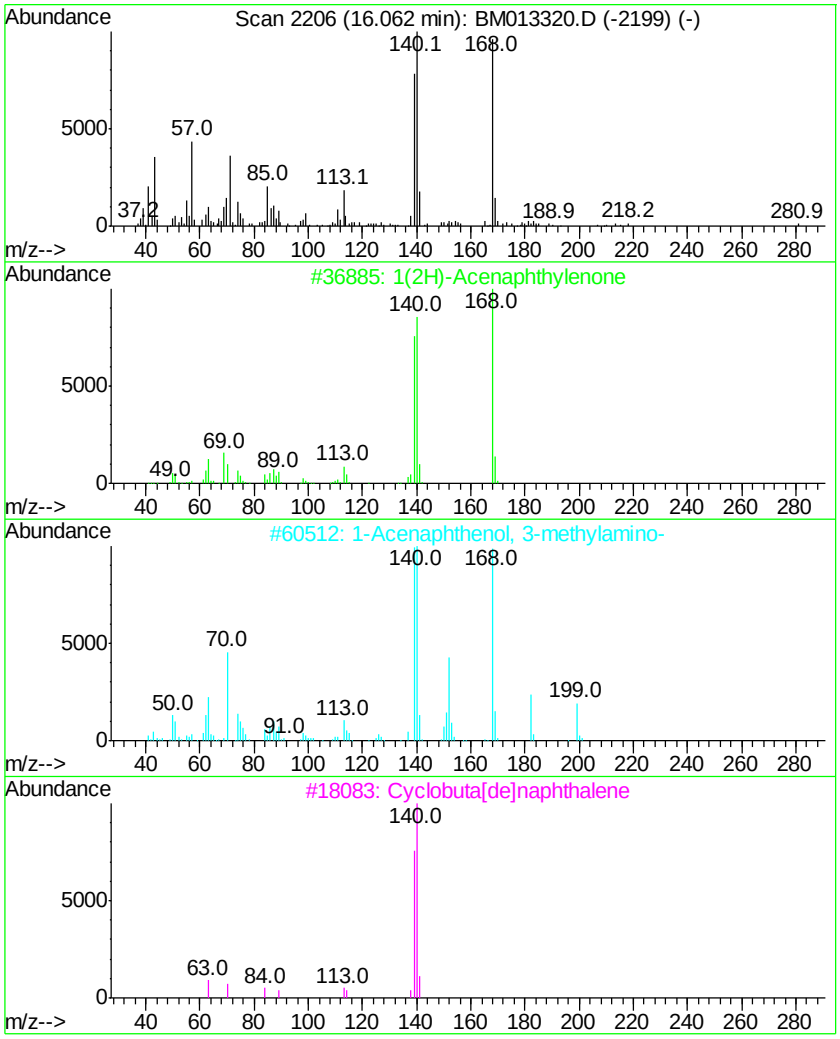
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

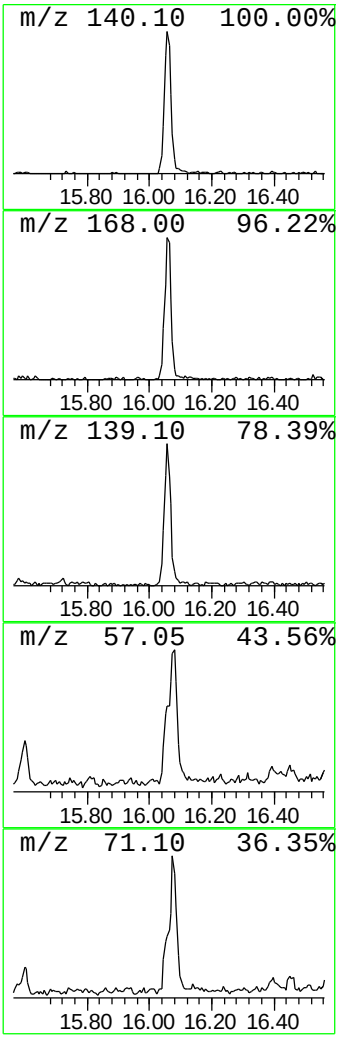
****

Peak Number 1 1(2H)-Acenaphthylenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.15 ng/ul	652838	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	90
2	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	83
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49
4	Benzaldehyde, 2-fluoro-4-hydroxy-	140	C7H5FO2	000348-27-6	47
5	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	47





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013320.D
Acq On : 12 Dec 2017 00:45
Operator : SJ/JU
Sample : I6758-11 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12

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

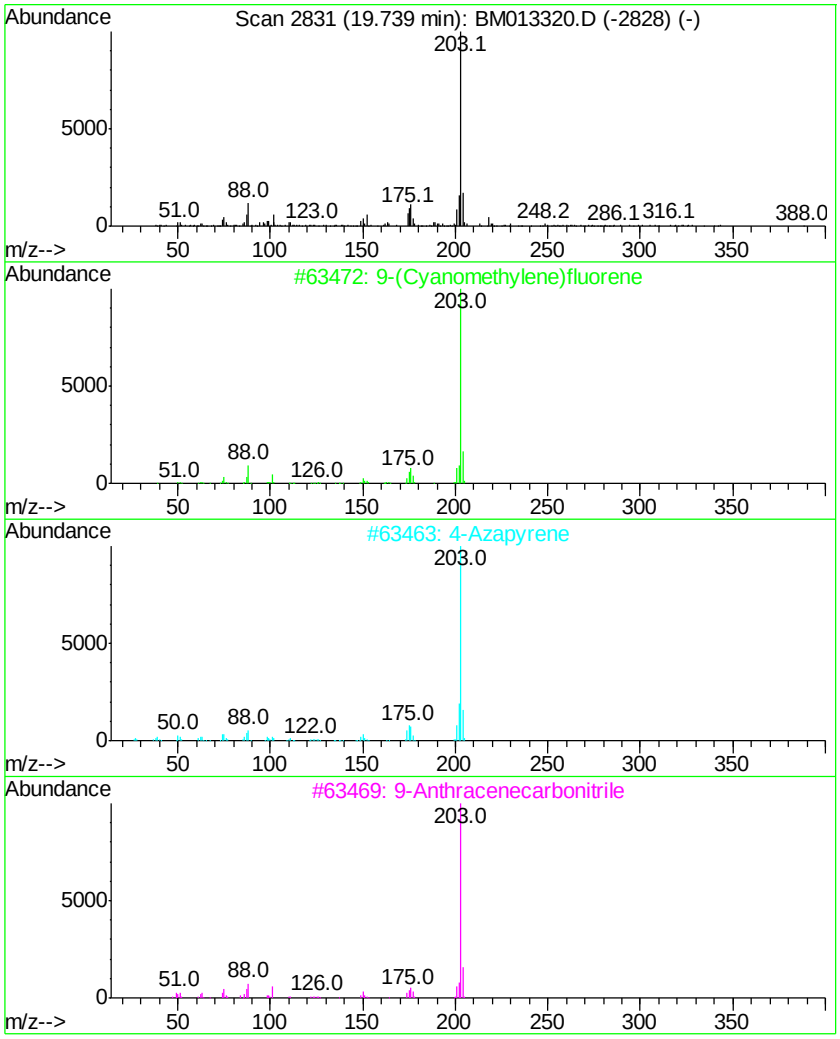
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

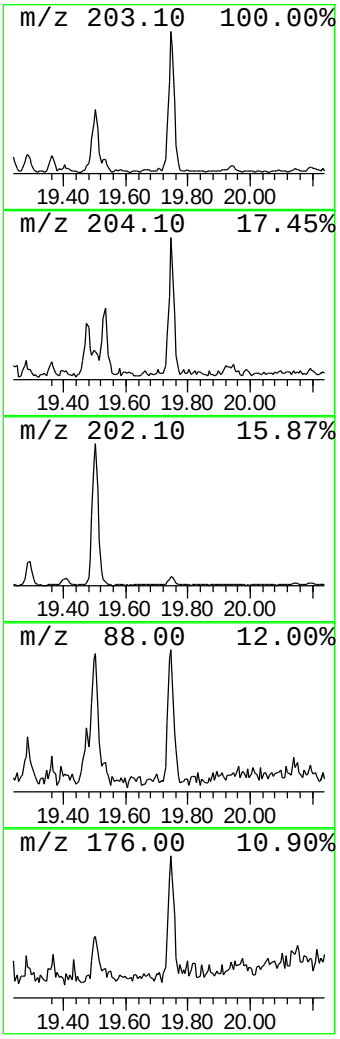
****

Peak Number 2 9-(Cyanomethylene)fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.46 ng/ul	676900	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	95
2	4-Azapyrene	203	C15H9N	000194-03-6	95
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	94
4	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	93
5	9-Cyanophenanthrene	203	C15H9N	002510-55-6	93





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013320.D
Acq On : 12 Dec 2017 00:45
Operator : SJ/JU
Sample : I6758-11 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12

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

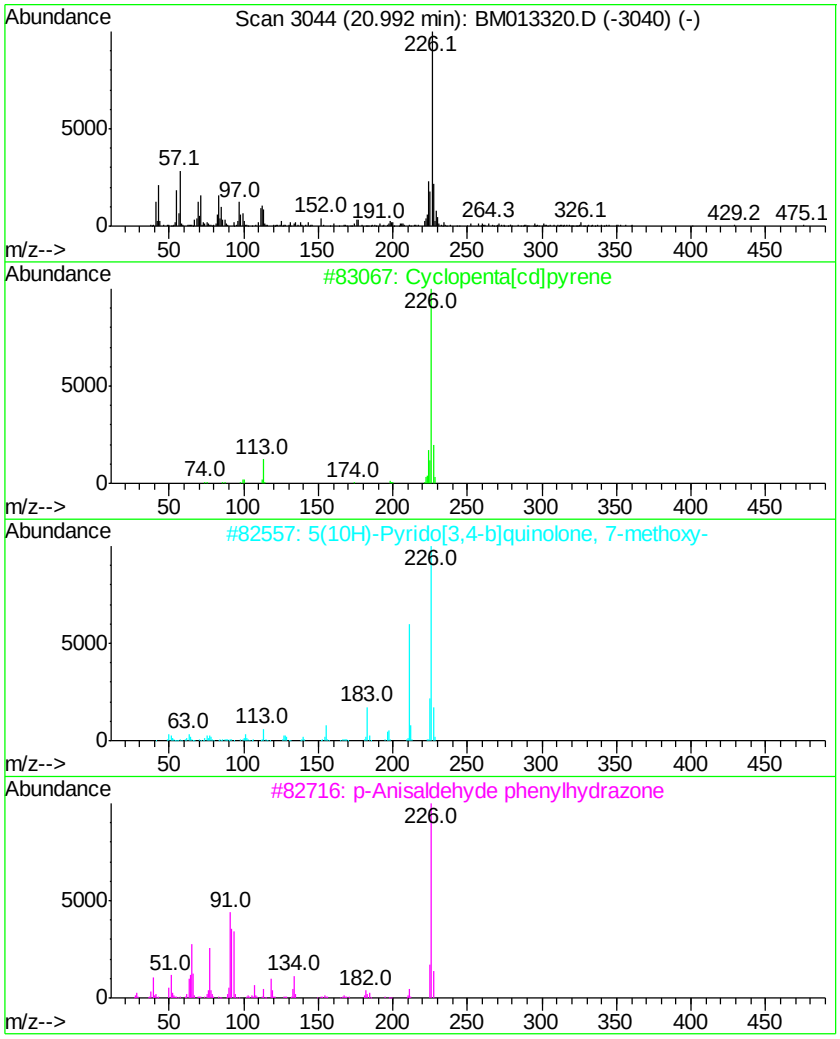
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

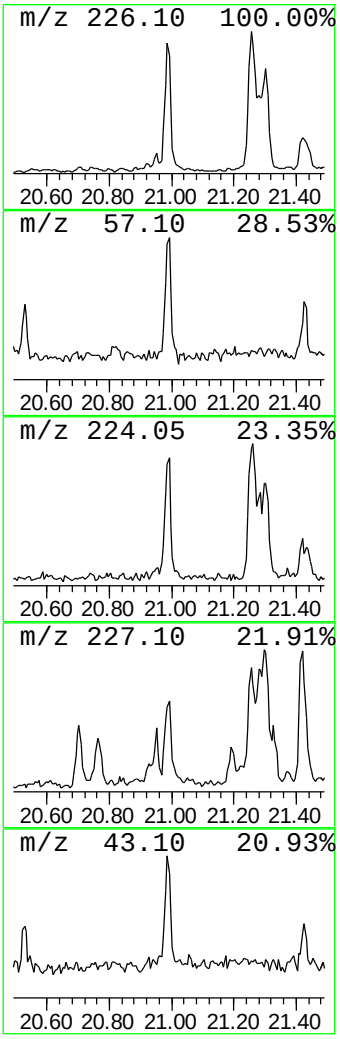
****

Peak Number 3 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.14 ng/ul	589965	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	52
3	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	49
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	40





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013320.D
Acq On : 12 Dec 2017 00:45
Operator : SJ/JU
Sample : I6758-11 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12

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

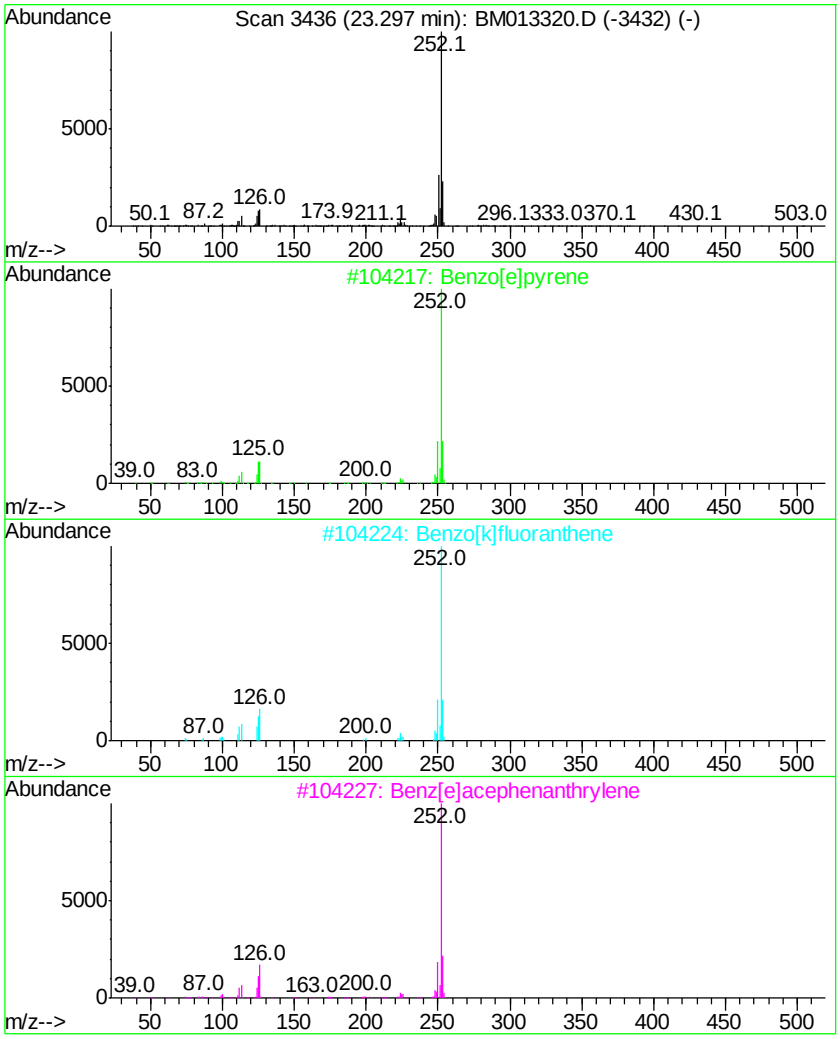
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

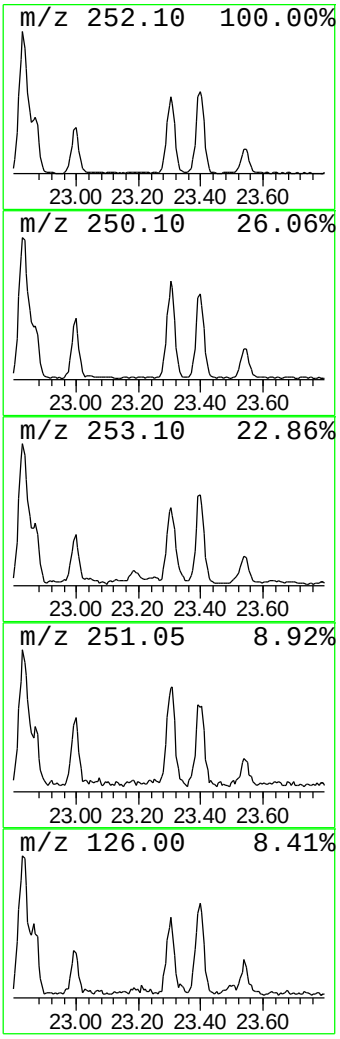
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	9.97 ng/ul	1391110	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM121117\
Data File : BM013320.D
Acq On : 12 Dec 2017 00:45
Operator : SJ/JU
Sample : I6758-11 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12

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
1(2H)-Acenaphthyl...	16.06	3.1	ng/ul	652838	4	17.08	4144370	20.0
9-(Cyanomethylene...	19.74	2.5	ng/ul	676900	5	21.27	5509400	20.0
Cyclopenta[cd]pyrene	20.99	2.1	ng/ul	589965	5	21.27	5509400	20.0
Benzo[e]pyrene	23.30	10.0	ng/ul	1391110	6	23.50	2791640	20.0