LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026997.D
Acq On : 04 Aug 2020 10:20
Operator : JU/CG
Sample : L3424-15DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S90DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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	3.940	157	162	165	rBV2	5764	8696	0.26%	0.040%
2	6.834	650	654	662	rVB	12774	20815	0.63%	0.095%
3	6.998	676	682	692	rBV	11257	18585	0.56%	0.085%
4	7.198	711	716	722	rBV	16857	25457	0.77%	0.116%
5	7.657	787	794	803	rBV	369965	581203	17.53%	2.657%
6	8.193	881	885	894	rBV2	12582	22994	0.69%	0.105%
7	8.363	906	914	920	rBV2	17018	27587	0.83%	0.126%
8	8.798	983	988	993	rBV	13999	22767	0.69%	0.104%
9	9.516	1107	1110	1116	rVB3	10096	13608	0.41%	0.062%
10	10.057	1195	1202	1208	rVB2	17301	26235	0.79%	0.120%
11	10.434	1259	1266	1272	rBV	473276	798591	24.08%	3.651%
12	10.481	1272	1274	1281	rVV	26536	34483	1.04%	0.158%
13	10.569	1284	1289	1298	rBV5	4383	9168	0.28%	0.042%
14	11.928	1517	1520	1527	rVV5	3310	6127	0.18%	0.028%
15	12.098	1542	1549	1554	rVB2	13526	22207	0.67%	0.102%
16	12.204	1560	1567	1572	rBV4	3060	7531	0.23%	0.034%
17	12.322	1581	1587	1594	rBV2	8707	13783	0.42%	0.063%
18	13.122	1717	1723	1725	rBV3	5343	5887	0.18%	0.027%
19	13.610	1802	1806	1812	rVB4	4321	7386	0.22%	0.034%
20	13.704	1817	1822	1826	rVV	31426	42676	1.29%	0.195%
21	13.751	1826	1830	1836	rVB2	13557	19576	0.59%	0.089%
22	13.980	1863	1869	1870	rBV	33264	41881	1.26%	0.191%
23	14.010	1870	1874	1885	rVB	77898	129492	3.90%	0.592%
24	14.292	1915	1922	1929	rVV	680408	1005739	30.33%	4.597%
25	14.351	1929	1932	1937	rVV	9893	15070	0.45%	0.069%
26	14.492	1950	1956	1962	rVV6	8442	16852	0.51%	0.077%
27	14.692	1984	1990	1999	rBV	35231	55088	1.66%	0.252%
28	15.169	2066	2071	2076	rBV5	6059	11276	0.34%	0.052%
29	15.286	2084	2091	2096	rBV	46358	65819	1.98%	0.301%
30	15.339	2096	2100	2107	rVV5	9309	19851	0.60%	0.091%
31	15.398	2107	2110	2116	rVV6	7170	10917	0.33%	0.050%
32	15.545	2130	2135	2138	rVV4	4377	8128	0.25%	0.037%
33	15.639	2146	2151	2156	rVV4	7514	13452	0.41%	0.061%
34	15.780	2171	2175	2182	rVB3	8333	17369	0.52%	0.079%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026997.D
Acq On : 04 Aug 2020 10:20
Operator : JU/CG
Sample : L3424-15DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S90DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Title : SVOA CALIBRATION

35	16.010	2207	2214	2217	rBV4	16210	25484	0.77%	0.116%
36	16.068	2221	2224	2227	rVV3	8678	11405	0.34%	0.052%
37	16.615	2313	2317	2322	rVB4	13846	19635	0.59%	0.090%
38	16.686	2322	2329	2338	rVB2	32149	53396	1.61%	0.244%
39	16.768	2339	2343	2349	rBV7	5825	10739	0.32%	0.049%
40	17.033	2381	2388	2392	rBV	789250	1134699	34.22%	5.187%
41	17.074	2392	2395	2400	rVV	133670	184337	5.56%	0.843%
42	17.127	2400	2404	2406	rVV2	54094	76313	2.30%	0.349%
43	17.163	2406	2410	2417	rVV	204931	331554	10.00%	1.516%
44	17.221	2417	2420	2426	rVB4	19865	34097	1.03%	0.156%
45	17.433	2448	2456	2461	rBV2	36039	67619	2.04%	0.309%
46	17.486	2462	2465	2468	rVB4	5193	6062	0.18%	0.028%
47	17.557	2474	2477	2482	rVV6	10630	15086	0.45%	0.069%
48	17.615	2485	2487	2492	rVB6	9741	10324	0.31%	0.047%
49	17.686	2497	2499	2503	rVV3	9725	12291	0.37%	0.056%
50	17.733	2506	2507	2517	rVB9	6017	10984	0.33%	0.050%
51	17.910	2529	2537	2541	rBV3	16089	32597	0.98%	0.149%
52	17.957	2541	2545	2551	rVB	25167	40548	1.22%	0.185%
53	18.033	2552	2558	2564	rBV2	25348	41500	1.25%	0.190%
54	18.104	2564	2570	2574	rBV5	30246	69808	2.10%	0.319%
55	18.221	2585	2590	2593	rBV7	8247	16570	0.50%	0.076%
56	18.251	2593	2595	2598	rVV4	10068	13225	0.40%	0.060%
57	18.298	2598	2603	2610	rVV	38275	61461	1.85%	0.281%
58	18.386	2613	2618	2620	rVV3	12784	21004	0.63%	0.096%
59	18.410	2620	2622	2625	rVV2	15612	22644	0.68%	0.104%
60	18.445	2625	2628	2635	rVB	51167	68197	2.06%	0.312%
61	18.662	2663	2665	2668	rVB3	8131	7011	0.21%	0.032%
62	18.751	2676	2680	2684	rBV5	12178	18210	0.55%	0.083%
63	18.827	2688	2693	2700	rBV3	41391	70439	2.12%	0.322%
64	18.898	2701	2705	2707	rBV5	13566	17496	0.53%	0.080%
65	18.962	2712	2716	2724	rVV	98717	146232	4.41%	0.668%
66	19.092	2733	2738	2745	rBV	750246	967306	29.17%	4.422%
67	19.186	2751	2754	2759	rVB	29965	40920	1.23%	0.187%
68	19.245	2759	2764	2768	rBV2	40638	60884	1.84%	0.278%
69	19.309	2772	2775	2787	rVB3	47144	105953	3.19%	0.484%
70	19.427	2790	2795	2796	rBV	163827	207353	6.25%	0.948%
71	19.456	2796	2800	2808	rVV	838301	1187848	35.82%	5.430%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026997.D
Acq On : 04 Aug 2020 10:20
Operator : JU/CG
Sample : L3424-15DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S90DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Title : SVOA CALIBRATION

72	19.527	2808	2812	2821	rVB3	29167	60019	1.81%	0.274%
73	19.639	2827	2831	2835	rBV	39769	62038	1.87%	0.284%
74	19.698	2836	2841	2847	rVB	226061	318612	9.61%	1.456%
75	19.792	2850	2857	2861	rBV2	76325	168781	5.09%	0.772%
76	19.921	2875	2879	2889	rVB4	98714	269833	8.14%	1.233%
77	20.003	2889	2893	2897	rBV4	28211	47516	1.43%	0.217%
78	20.051	2899	2901	2904	rVB3	24048	26713	0.81%	0.122%
79	20.109	2906	2911	2915	rVV2	96428	149620	4.51%	0.684%
80	20.251	2931	2935	2939	rBV	84485	118461	3.57%	0.542%
81	20.298	2940	2943	2947	rVV3	34877	55911	1.69%	0.256%
82	20.509	2976	2979	2983	rBV5	33749	59652	1.80%	0.273%
83	20.698	3008	3011	3019	rVB2	131717	198043	5.97%	0.905%
84	20.868	3034	3040	3043	rBV2	93630	184175	5.55%	0.842%
85	20.903	3043	3046	3049	rVV2	93614	123797	3.73%	0.566%
86	20.945	3049	3053	3058	rVV2	209081	318261	9.60%	1.455%
87	20.992	3058	3061	3066	rVB2	83292	113327	3.42%	0.518%
88	21.174	3088	3092	3093	rBV2	77269	97047	2.93%	0.444%
89	21.221	3093	3100	3104	rVV2	1166602	2323691	70.07%	10.622%
90	21.256	3104	3106	3113	rVB	558191	698978	21.08%	3.195%
91	21.392	3126	3129	3135	rBV2	89131	109393	3.30%	0.500%
92	21.527	3148	3152	3155	rBV2	100716	154957	4.67%	0.708%
93	21.821	3198	3202	3208	rVB4	130196	202424	6.10%	0.925%
94	22.627	3335	3339	3345	rVB2	155947	240648	7.26%	1.100%
95	22.768	3357	3363	3376	rBV2	1079048	3316374	100.00%	15.160%
96	22.939	3388	3392	3398	rVB	130720	204321	6.16%	0.934%
97	23.239	3438	3443	3449	rVB	455046	793366	23.92%	3.627%
98	23.327	3454	3458	3467	rVB	358809	652834	19.69%	2.984%
99	23.427	3469	3475	3480	rBV	652428	1146324	34.57%	5.240%
100	25.633	3843	3850	3863	rVB4	405507	1293142	38.99%	5.911%

Sum of corrected areas: 21875785

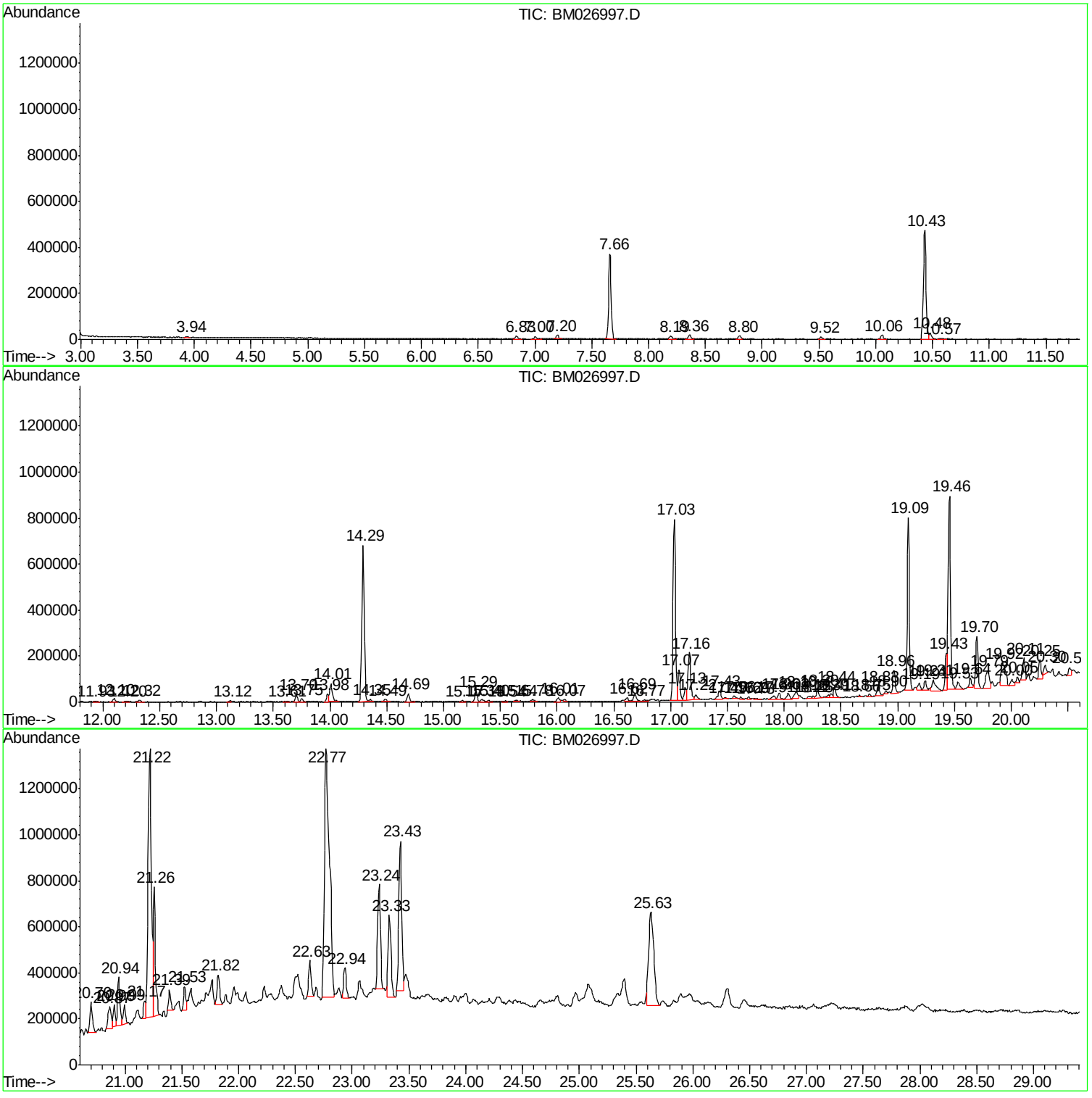
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026997.D
Acq On : 04 Aug 2020 10:20
Operator : JU/CG
Sample : L3424-15DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S90DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026997.D
Acq On : 04 Aug 2020 10:20
Operator : JU/CG
Sample : L3424-15DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S90DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

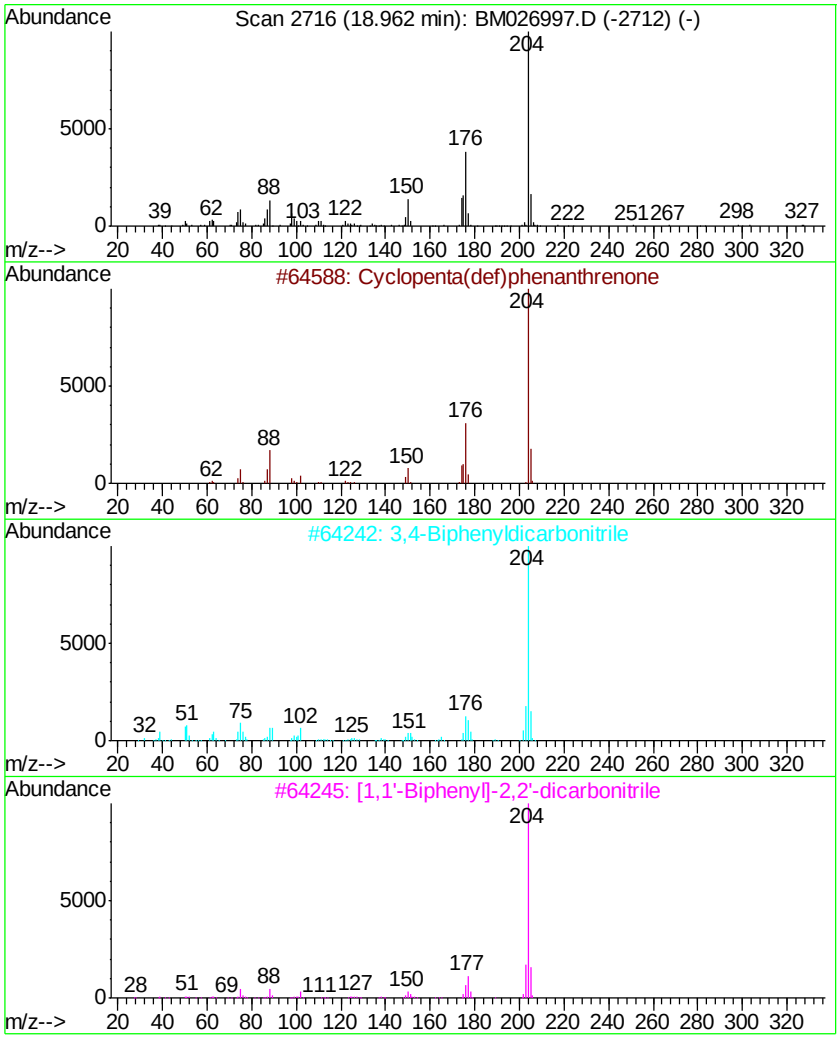
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

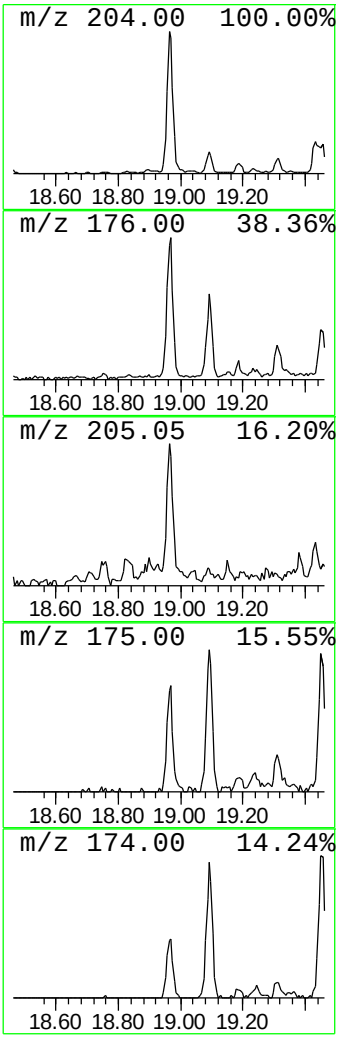
****

Peak Number 1 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.58 ng/ul	146232	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	[1,2,4]Triazolo[5,1-b]quinazolin...	204	C10H12N4O	1000337-56-5	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026997.D
Acq On : 04 Aug 2020 10:20
Operator : JU/CG
Sample : L3424-15DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S90DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

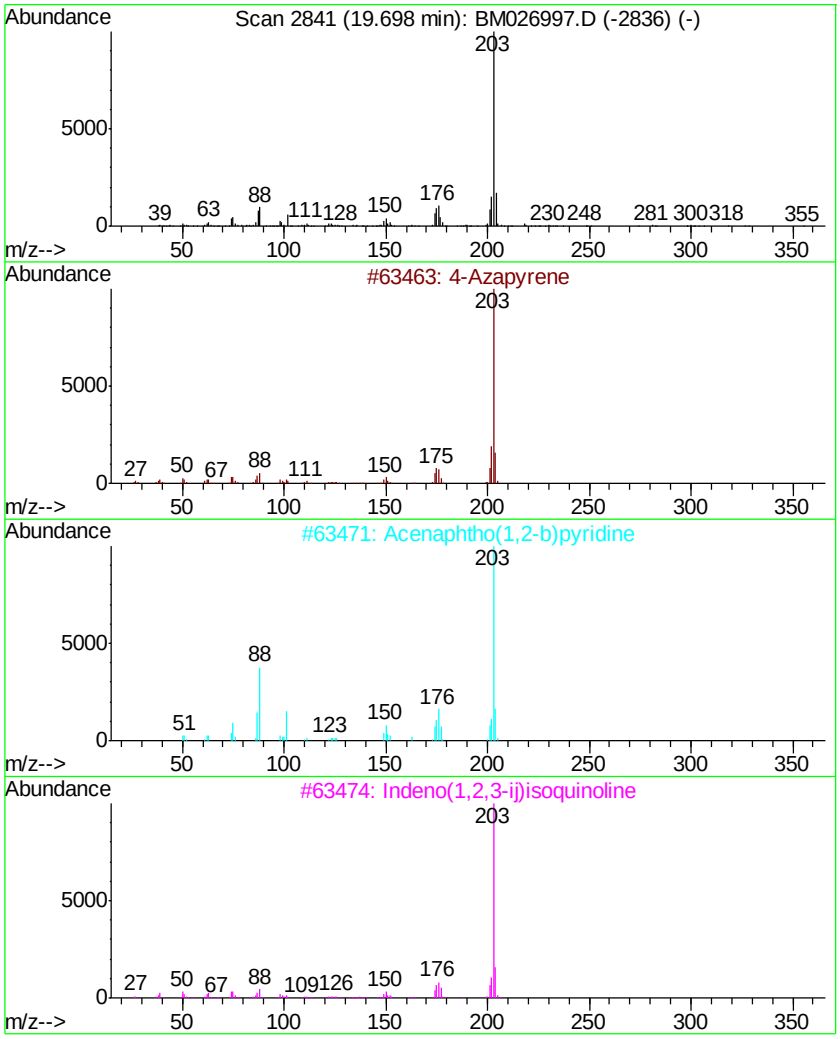
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

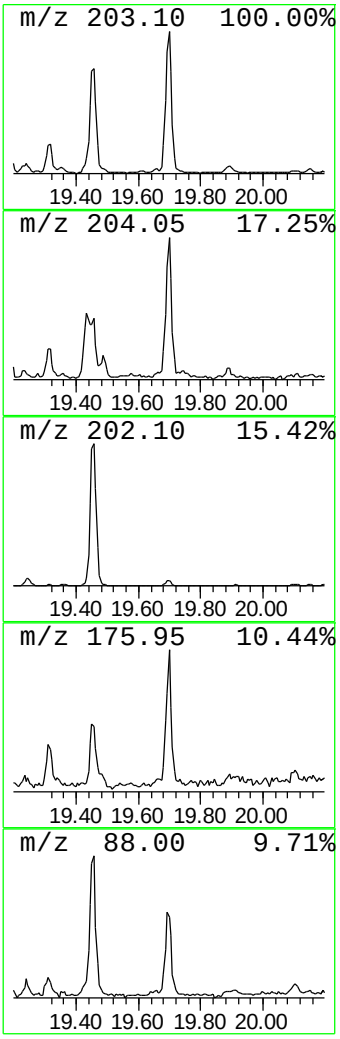
****

Peak Number 2 4-Azapyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.74 ng/ul	318612	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Azapyrene	203	C15H9N	000194-03-6	97
2	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95
3	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	95
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	94
5	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026997.D
Acq On : 04 Aug 2020 10:20
Operator : JU/CG
Sample : L3424-15DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S90DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

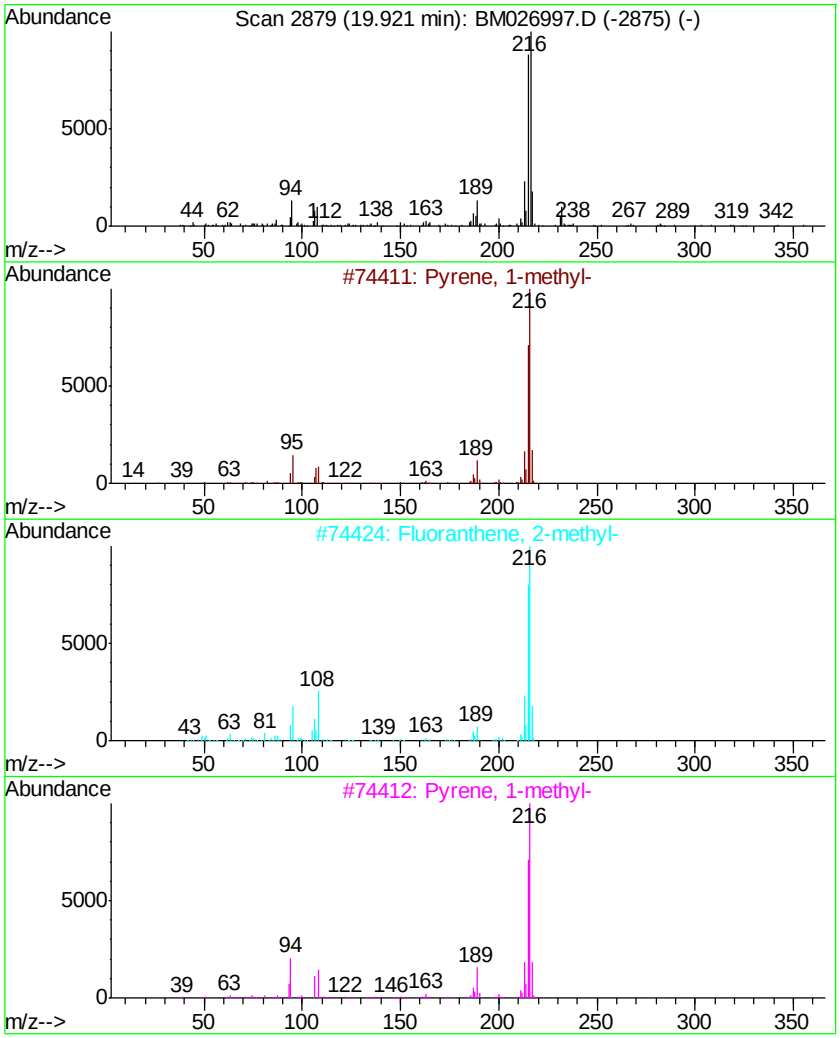
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

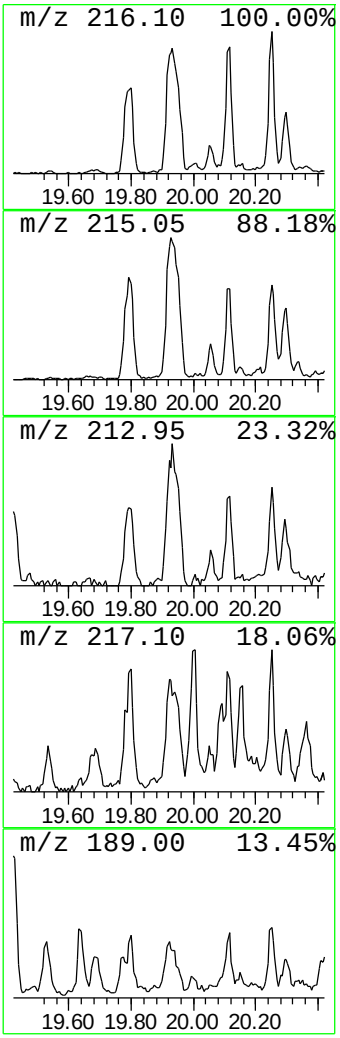
****

Peak Number 3 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.32 ng/ul	269833	Chrysene-d12	21.22

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	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026997.D
Acq On : 04 Aug 2020 10:20
Operator : JU/CG
Sample : L3424-15DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S90DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

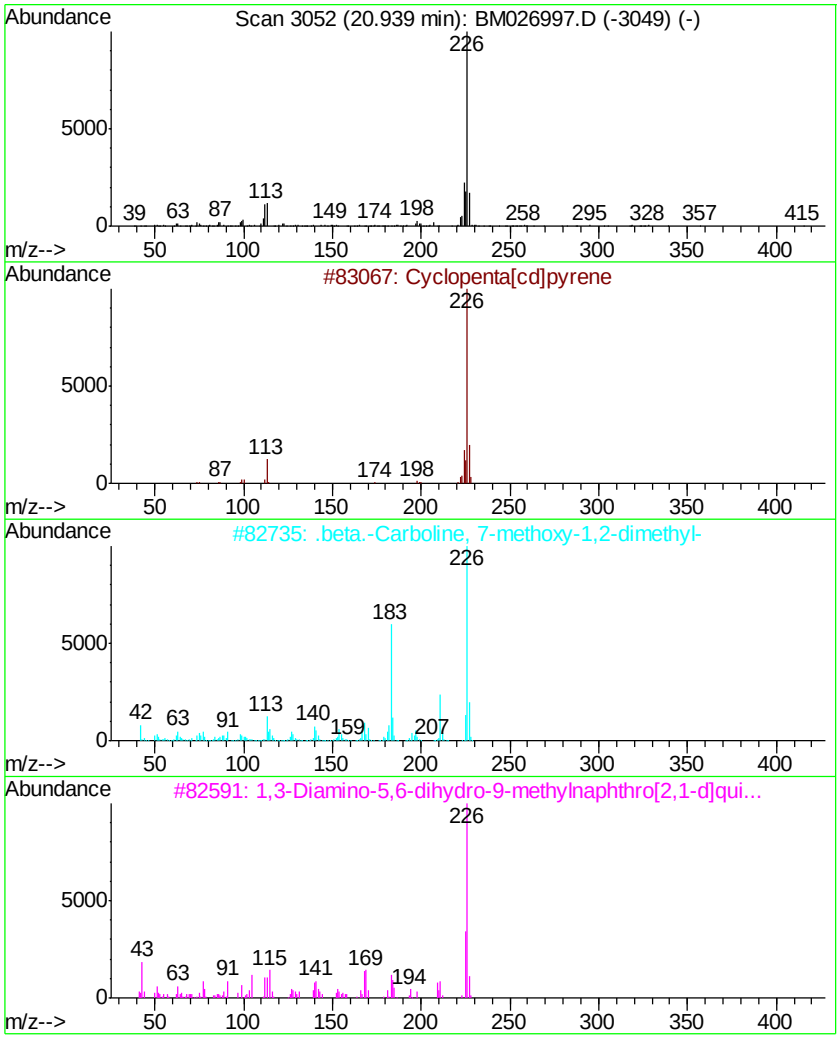
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

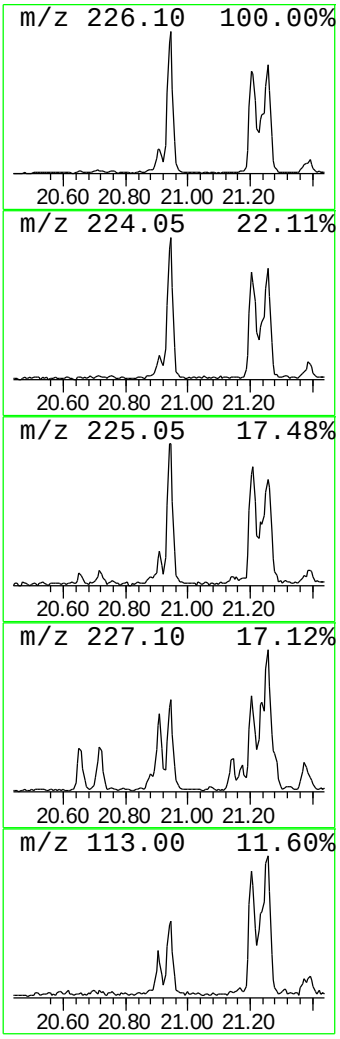
****

Peak Number 4 Cyclopenta[cd]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.74 ng/ul	318261	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	53
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026997.D
Acq On : 04 Aug 2020 10:20
Operator : JU/CG
Sample : L3424-15DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S90DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

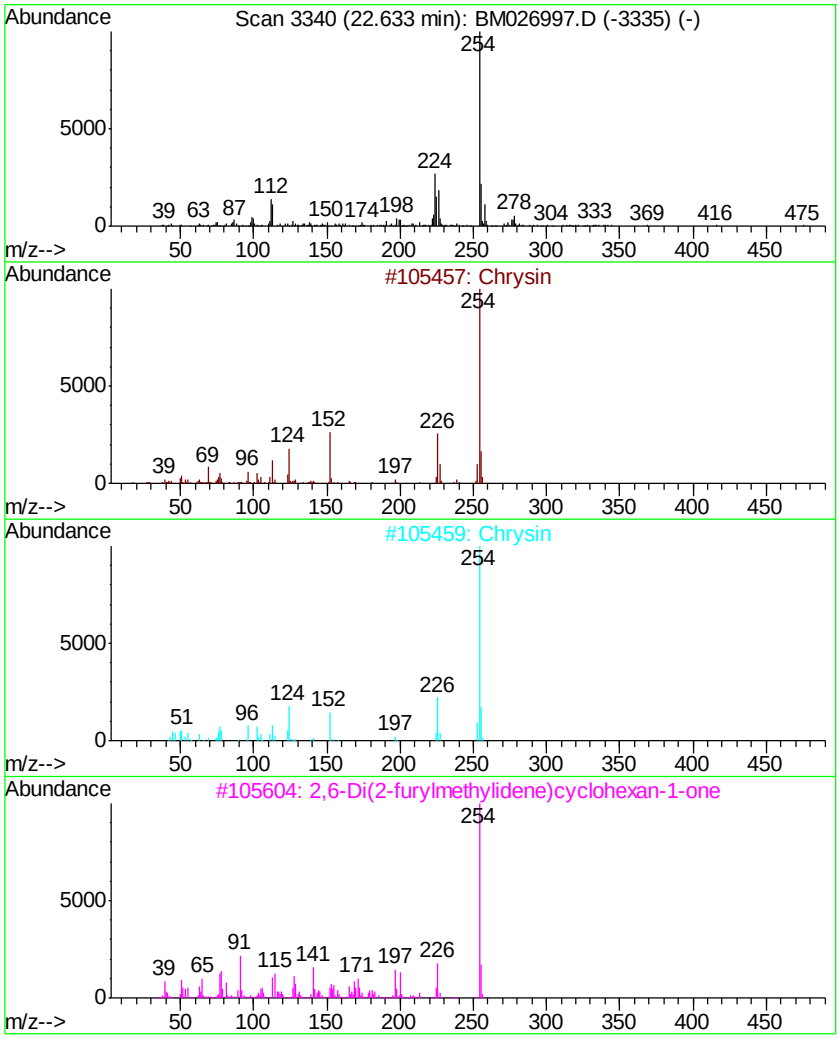
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

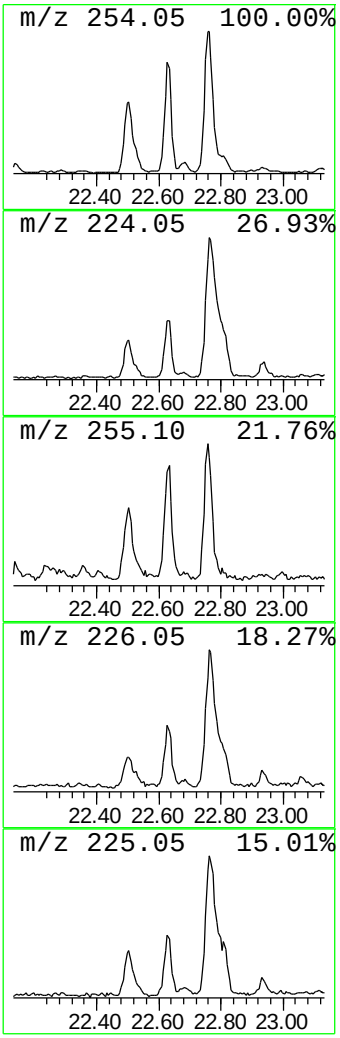
****

Peak Number 5 Chrysin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	4.20 ng/ul	240648	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysin	254	C15H10O4	000480-40-0	50
2	Chrysin	254	C15H10O4	000480-40-0	50
3	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	50
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	47
5	Chrysin	254	C15H10O4	000480-40-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080320\
Data File : BM026997.D
Acq On : 04 Aug 2020 10:20
Operator : JU/CG
Sample : L3424-15DL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S90DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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...	18.96	2.6	ng/ul	146232	4	17.03	1134700	20.0
4-Azapyrene	19.70	2.7	ng/ul	318612	5	21.22	2323690	20.0
Pyrene, 1-methyl-	19.92	2.3	ng/ul	269833	5	21.22	2323690	20.0
Cyclopenta[cd]pyrene	20.94	2.7	ng/ul	318261	5	21.22	2323690	20.0
Chrysin	22.63	4.2	ng/ul	240648	6	23.43	1146320	20.0