LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

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-BM082219MA.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	3.710	118	123	130	rBV	13026	18390	0.99%	0.091%
2	4.693	285	290	296	rBV	7153	10902	0.58%	0.054%
3	6.740	633	638	655	rVB	71404	141319	7.57%	0.696%
4	6.898	659	665	677	rBV	54109	90589	4.85%	0.446%
5	7.075	690	695	703	rBV	88414	145932	7.82%	0.719%
6	7.540	768	774	784	rBB	109060	176116	9.44%	0.868%
7	8.263	892	897	913	rBB	95308	171884	9.21%	0.847%
8	8.387	913	918	925	rBB2	9005	14355	0.77%	0.071%
9	8.710	967	973	989	rVB	83264	148834	7.97%	0.733%
10	9.422	1088	1094	1104	rBB	74567	130333	6.98%	0.642%
11	9.963	1179	1186	1201	rBV	84702	187525	10.05%	0.924%
12	10.310	1238	1245	1251	rBV	167169	269829	14.46%	1.329%
13	10.492	1270	1276	1290	rBV3	60188	145132	7.78%	0.715%
14	13.621	1802	1808	1814	rBV	219379	325649	17.45%	1.604%
15	13.669	1814	1816	1824	rVB	24673	34618	1.85%	0.171%
16	13.886	1846	1853	1864	rBV	269287	375113	20.10%	1.848%
17	14.192	1900	1905	1912	rBV	256920	391062	20.95%	1.927%
18	14.263	1912	1917	1922	rVB	40790	59252	3.17%	0.292%
19	14.498	1952	1957	1971	rBV3	19620	62698	3.36%	0.309%
20	14.610	1971	1976	1982	rVV	16255	24134	1.29%	0.119%
21	14.674	1982	1987	1992	rVB3	20314	29385	1.57%	0.145%
22	15.198	2071	2076	2082	rBV	320474	475444	25.47%	2.342%
23	15.257	2082	2086	2093	rVB	38541	55419	2.97%	0.273%
24	15.380	2099	2107	2112	rBV	59437	94563	5.07%	0.466%
25	15.704	2158	2162	2169	rVB2	6737	12402	0.66%	0.061%
26	16.633	2316	2320	2325	rBV2	6701	8749	0.47%	0.043%
27	16.780	2338	2345	2351	rVB	32324	42074	2.25%	0.207%
28	16.957	2370	2375	2379	rBV	365505	522777	28.01%	2.576%
29	17.004	2379	2383	2388	rVV	774720	1001038	53.63%	4.932%
30	17.062	2388	2393	2396	rVV	392628	586610	31.43%	2.890%
31	17.092	2396	2398	2404	rVV	166797	217613	11.66%	1.072%
32	17.174	2408	2412	2419	rVB	8881	13390	0.72%	0.066%
33	17.386	2440	2448	2455	rBV2	61885	97467	5.22%	0.480%
34	17.480	2460	2464	2467	rBV	7598	8720	0.47%	0.043%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

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-BM082219MA.M
Title : SVOA CALIBRATION

35	17.833	2517	2524	2529	rBV	52026	98185	5.26%	0.484%
36	17.886	2529	2533	2539	rVV	84557	122361	6.56%	0.603%
37	17.968	2543	2547	2552	rBV2	26789	36464	1.95%	0.180%
38	18.033	2552	2558	2561	rVV2	116803	185091	9.92%	0.912%
39	18.068	2561	2564	2571	rVB	62546	78726	4.22%	0.388%
40	18.345	2606	2611	2617	rVB	56413	74079	3.97%	0.365%
41	18.409	2617	2622	2627	rBV	32217	43999	2.36%	0.217%
42	18.586	2649	2652	2658	rVV2	17070	26010	1.39%	0.128%
43	18.639	2658	2661	2665	rVV3	8130	11457	0.61%	0.056%
44	18.674	2665	2667	2672	rVB3	8887	11828	0.63%	0.058%
45	18.762	2677	2682	2687	rVV2	18007	32132	1.72%	0.158%
46	18.827	2690	2693	2695	rVV2	15044	21489	1.15%	0.106%
47	18.856	2695	2698	2702	rVV	27545	33022	1.77%	0.163%
48	18.921	2702	2709	2715	rVV4	23642	49094	2.63%	0.242%
49	19.033	2720	2728	2735	rVV	1433366	1866506	100.00%	9.196%
50	19.098	2736	2739	2741	rVV2	8147	9538	0.51%	0.047%
51	19.139	2741	2746	2752	rVV4	21289	35220	1.89%	0.174%
52	19.274	2761	2769	2773	rVV2	58060	87636	4.70%	0.432%
53	19.309	2773	2775	2779	rVV3	9683	11494	0.62%	0.057%
54	19.368	2779	2785	2787	rVV2	895116	1161817	62.25%	5.724%
55	19.398	2787	2790	2798	rVV	1158600	1521562	81.52%	7.496%
56	19.474	2798	2803	2809	rVB	52765	78262	4.19%	0.386%
57	19.586	2816	2822	2826	rBV	62415	82247	4.41%	0.405%
58	19.656	2830	2834	2840	rVB	29680	42468	2.28%	0.209%
59	19.715	2840	2844	2847	rBV	51557	87743	4.70%	0.432%
60	19.798	2854	2858	2863	rBV	21944	35849	1.92%	0.177%
61	19.862	2863	2869	2870	rVV2	37406	54928	2.94%	0.271%
62	19.898	2871	2875	2880	rVB	165593	230447	12.35%	1.135%
63	19.998	2888	2892	2896	rVV	125732	158981	8.52%	0.783%
64	20.056	2896	2902	2905	rVV3	69367	127195	6.81%	0.627%
65	20.092	2905	2908	2913	rVV	42958	55049	2.95%	0.271%
66	20.139	2913	2916	2920	rVB4	21640	27276	1.46%	0.134%
67	20.198	2922	2926	2930	rBV2	34417	44659	2.39%	0.220%
68	20.245	2930	2934	2938	rBV3	41359	57190	3.06%	0.282%
69	20.339	2947	2950	2953	rBV4	14051	20795	1.11%	0.102%
70	20.368	2953	2955	2958	rVV4	7005	10145	0.54%	0.050%
71	20.527	2978	2982	2986	rBV3	20339	27711	1.48%	0.137%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

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-BM082219MA.M
Title : SVOA CALIBRATION

72	20.615	2992	2997	3001	rBV4	16868	32845	1.76%	0.162%
73	20.662	3001	3005	3008	rVV	46523	56233	3.01%	0.277%
74	20.815	3027	3031	3034	rBV	92708	120137	6.44%	0.592%
75	20.856	3034	3038	3042	rVV2	106509	213195	11.42%	1.050%
76	20.892	3042	3044	3053	rVV3	83760	172806	9.26%	0.851%
77	20.962	3053	3056	3060	rVB	56019	65060	3.49%	0.321%
78	21.062	3067	3073	3074	rBV	25001	40685	2.18%	0.200%
79	21.162	3082	3090	3095	rBV2	771020	1696428	90.89%	8.358%
80	21.209	3095	3098	3104	rVB	569643	674693	36.15%	3.324%
81	21.321	3114	3117	3122	rVB	123025	153251	8.21%	0.755%
82	21.392	3126	3129	3132	rBV3	20058	29882	1.60%	0.147%
83	21.450	3137	3139	3142	rBV	25296	32240	1.73%	0.159%
84	21.662	3173	3175	3178	rBV2	24630	29158	1.56%	0.144%
85	21.715	3181	3184	3188	rVV2	83407	130687	7.00%	0.644%
86	21.762	3188	3192	3198	rVB2	58146	97728	5.24%	0.481%
87	21.909	3214	3217	3219	rBV2	42328	47593	2.55%	0.234%
88	22.174	3259	3262	3264	rBV	34791	35438	1.90%	0.175%
89	22.292	3280	3282	3288	rVB2	39913	48280	2.59%	0.238%
90	22.656	3341	3344	3348	rVB	65775	79475	4.26%	0.392%
91	22.715	3348	3354	3358	rBV	350405	776207	41.59%	3.824%
92	22.874	3378	3381	3388	rVB	69380	110202	5.90%	0.543%
93	23.174	3427	3432	3436	rBV	195954	363502	19.47%	1.791%
94	23.221	3436	3440	3444	rVV	337057	598625	32.07%	2.949%
95	23.268	3444	3448	3456	rVB	336551	567334	30.40%	2.795%
96	23.362	3458	3464	3469	rBV	272051	499177	26.74%	2.459%
97	23.409	3469	3472	3480	rVB	90218	146935	7.87%	0.724%
98	23.809	3536	3540	3547	rVB4	77109	143353	7.68%	0.706%
99	25.544	3830	3835	3845	rVB	149364	346407	18.56%	1.707%
100	26.215	3943	3949	3958	rVB	94899	241949	12.96%	1.192%

Sum of corrected areas: 20297477

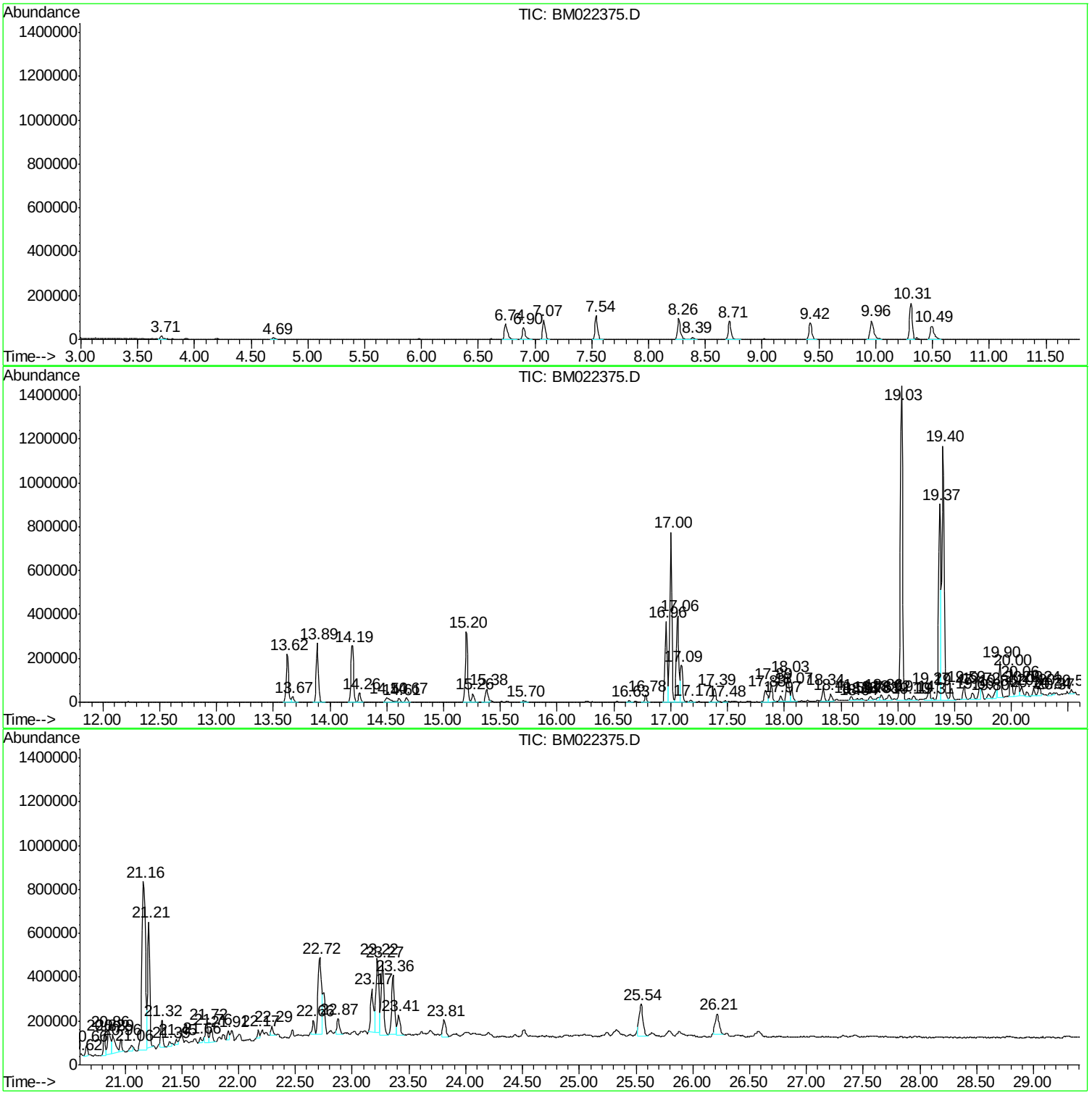
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

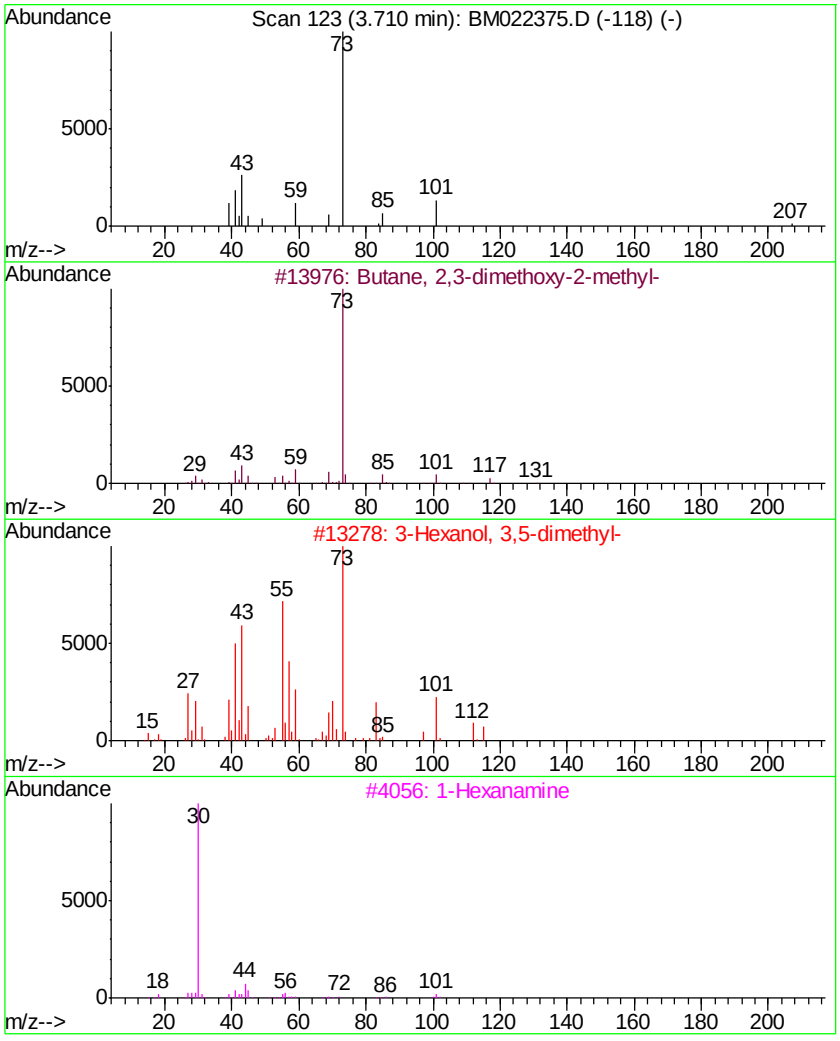
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

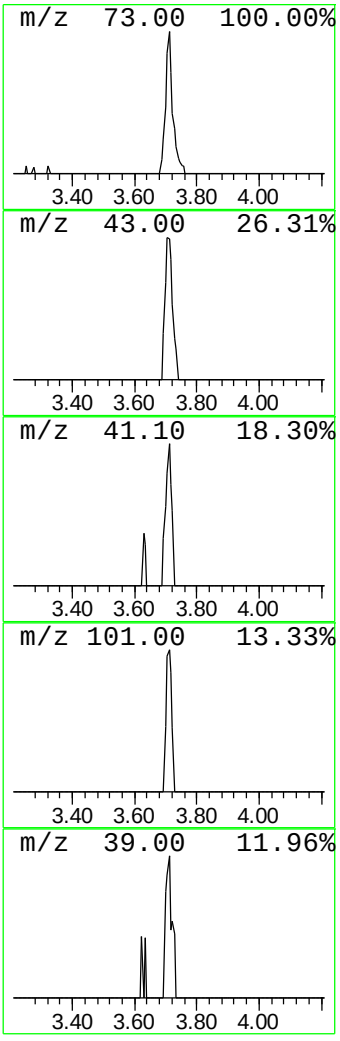
****

Peak Number 1 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	2.09 ng/ul	18390	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethoxy-2-methyl-	132	C7H16O2	074421-00-4	9
2	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	4
3	1-Hexanamine	101	C6H15N	000111-26-2	3
4	1-Hexanamine	101	C6H15N	000111-26-2	3
5	1-Hexanamine	101	C6H15N	000111-26-2	3





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

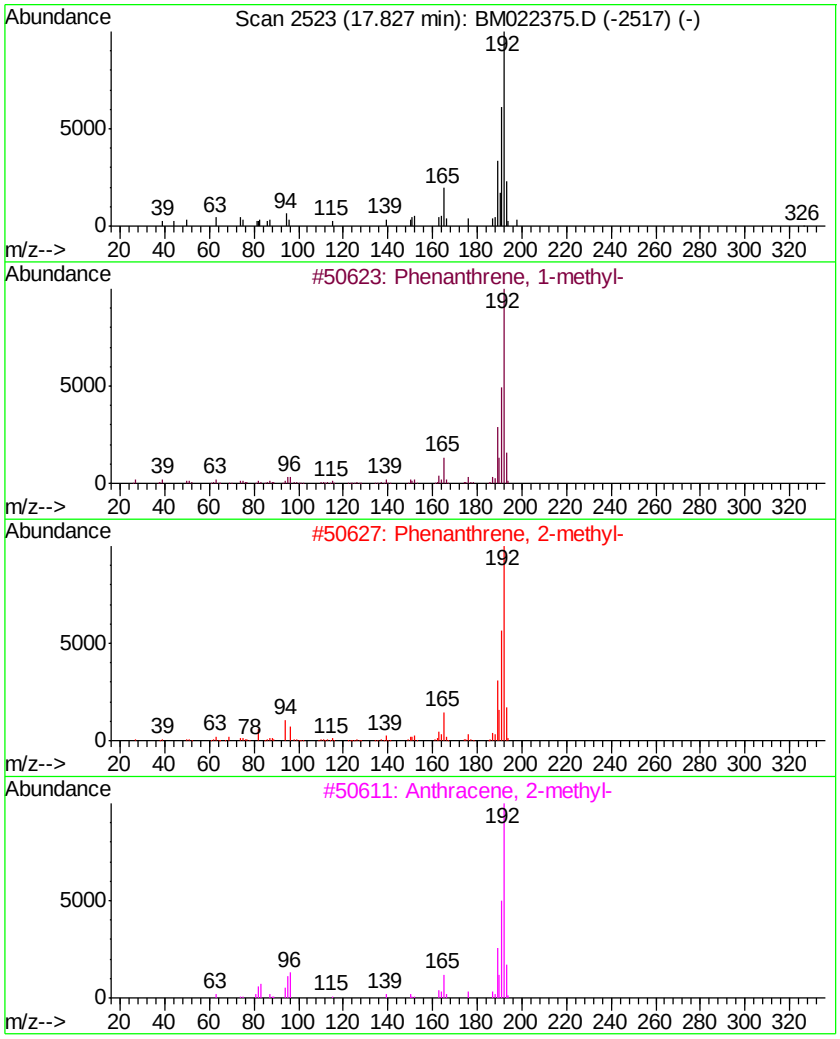
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

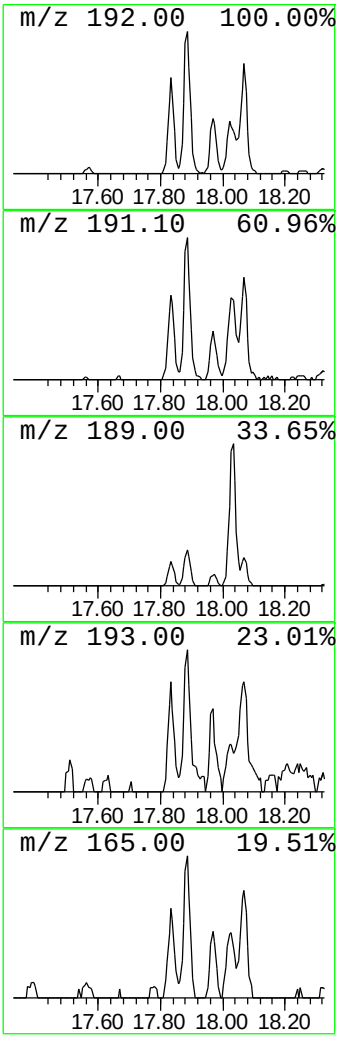
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.76 ng/ul	98185	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

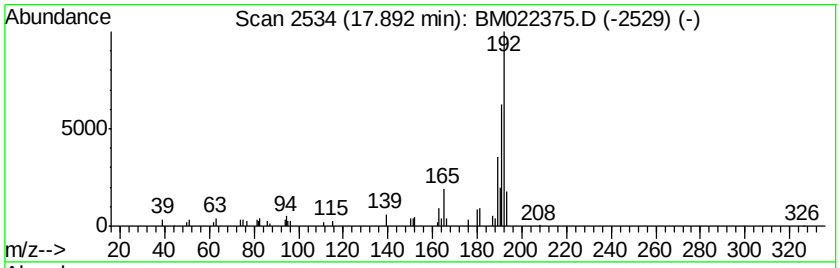
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

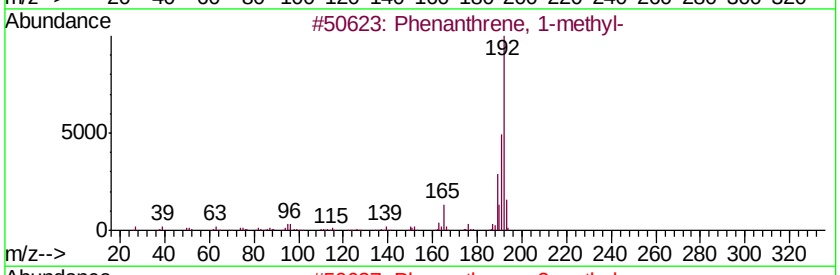
****

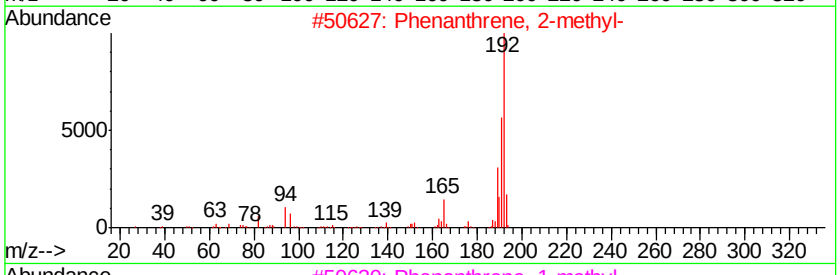
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 3

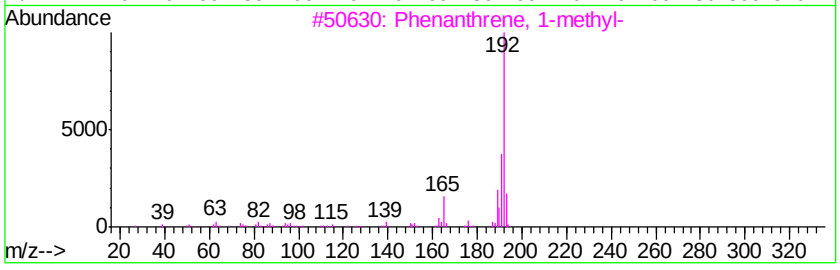
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.68 ng/ul	122361	Phenanthrene-d10	16.96

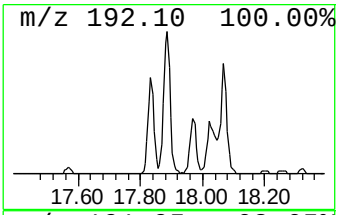
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93

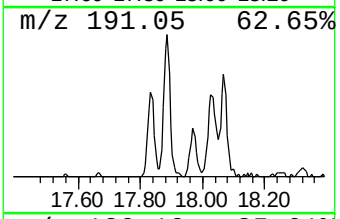


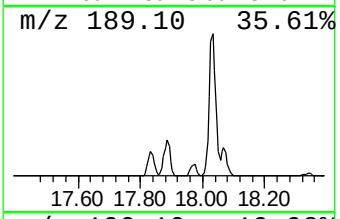


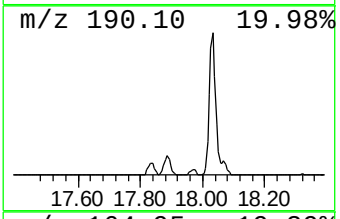


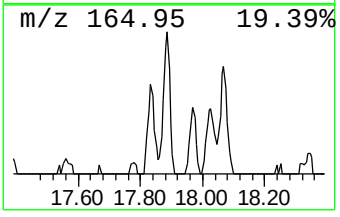












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

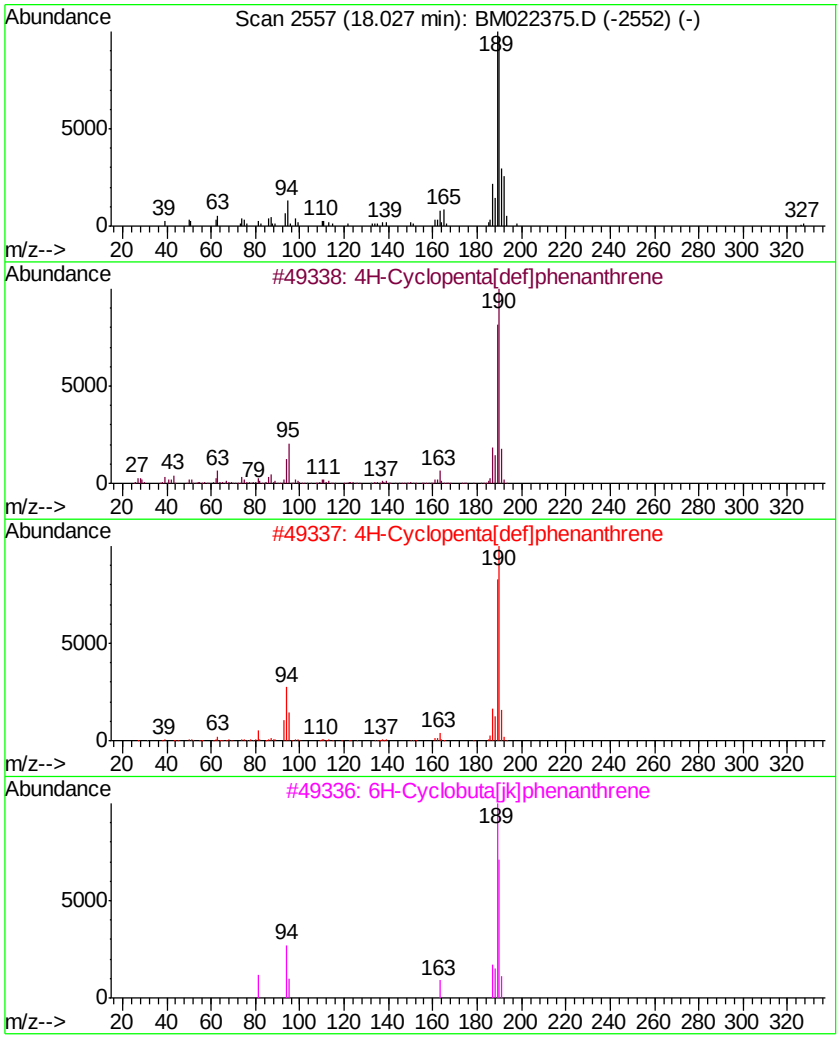
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

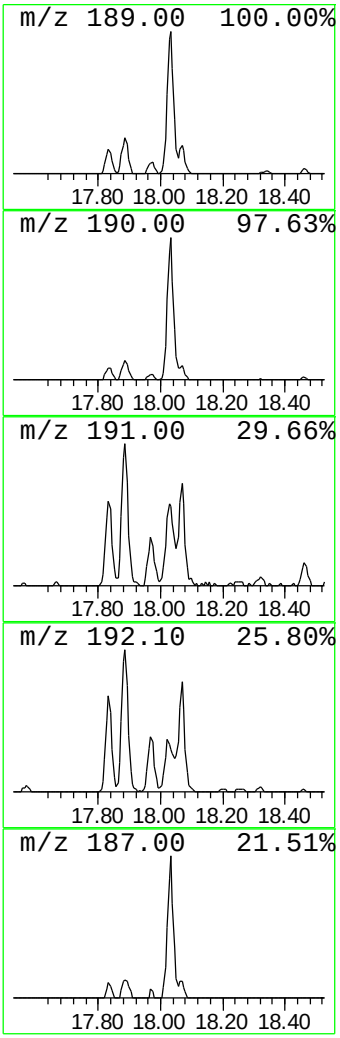
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	7.08 ng/ul	185091	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





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Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

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Quant Title : SVOA CALIBRATION

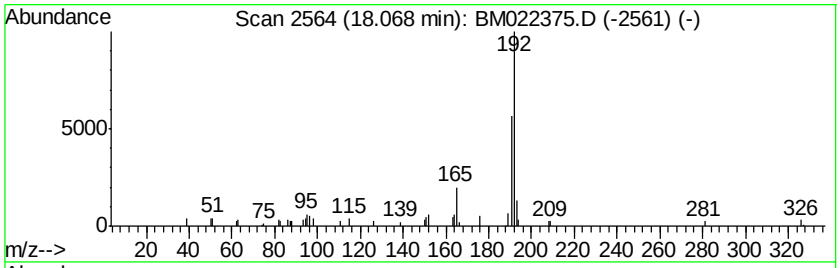
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

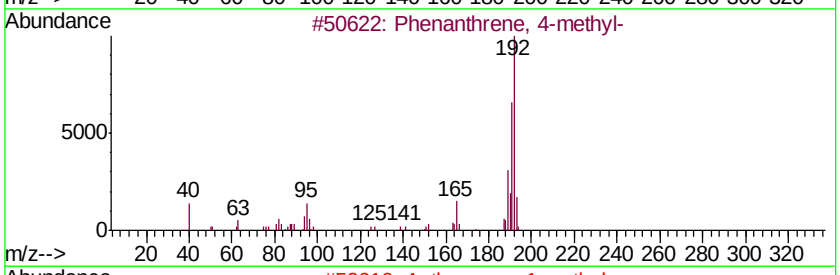
****

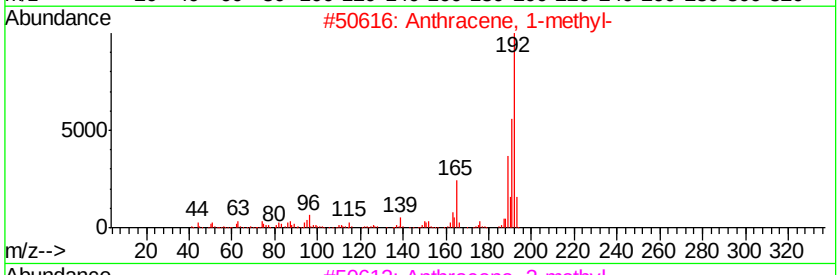
Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 7

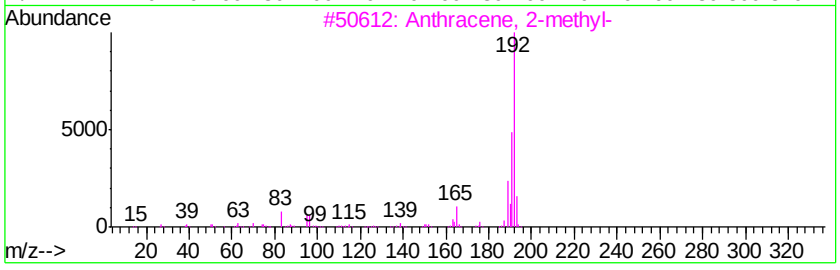
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.01 ng/ul	78726	Phenanthrene-d10	16.96

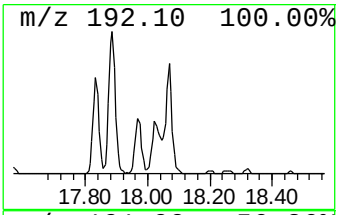
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	86

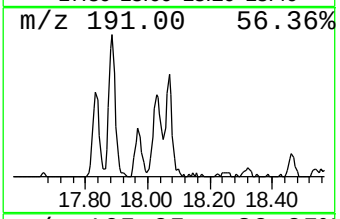


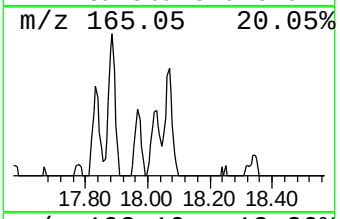


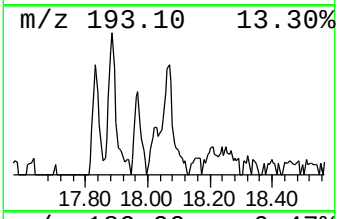


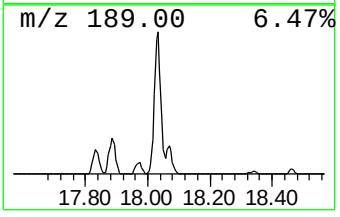












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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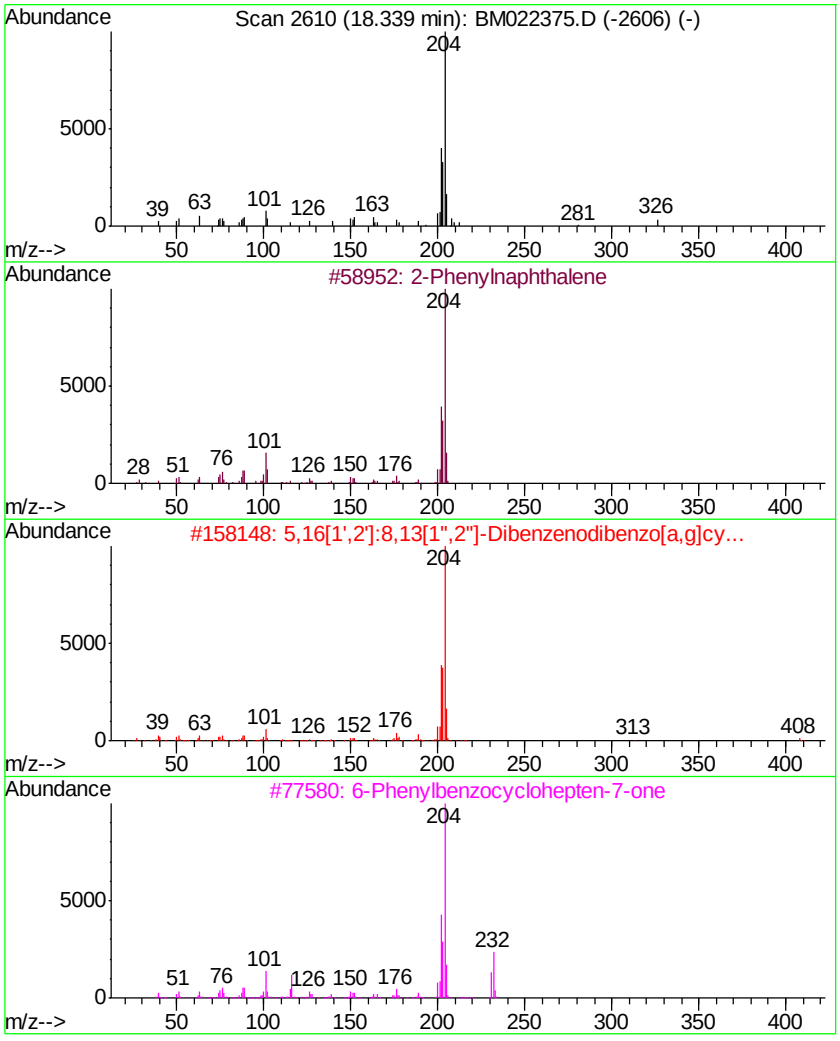
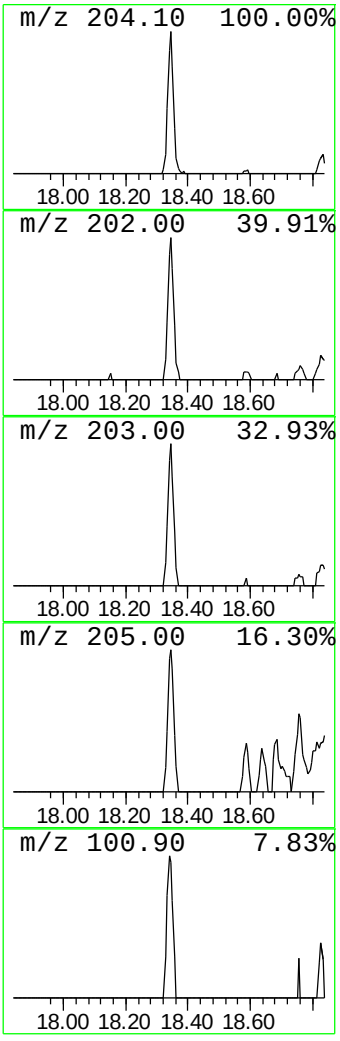
Peak Number 6 2-Phenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.83 ng/ul	74079	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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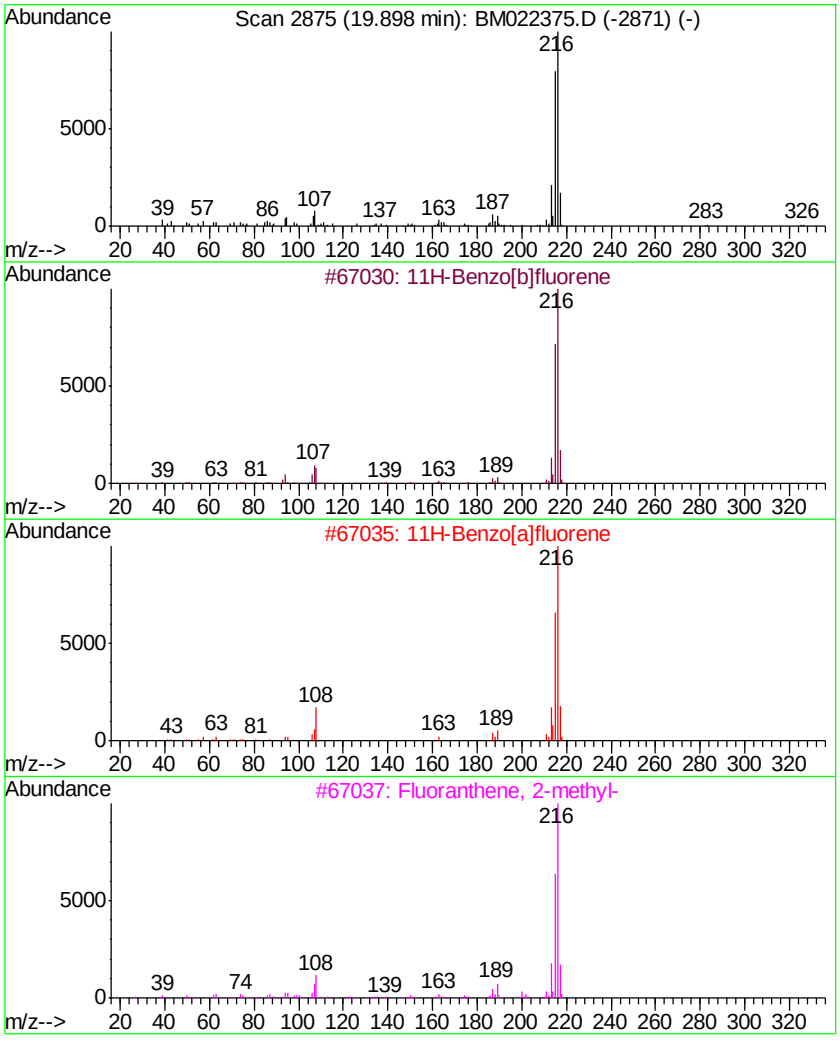
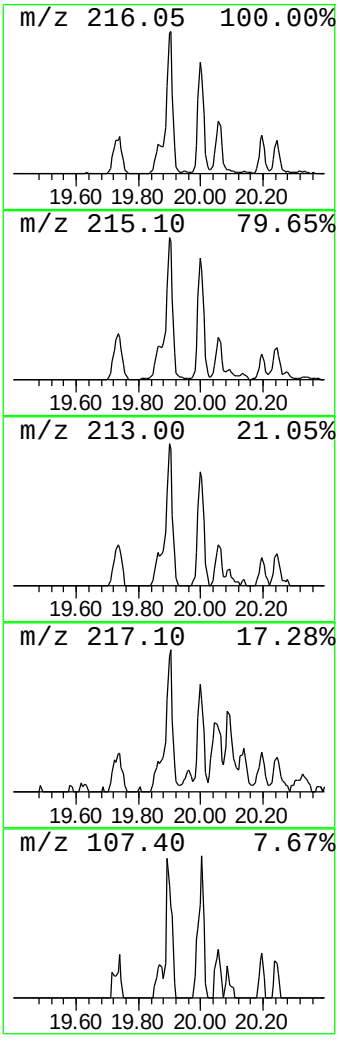
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.72 ng/ul	230447	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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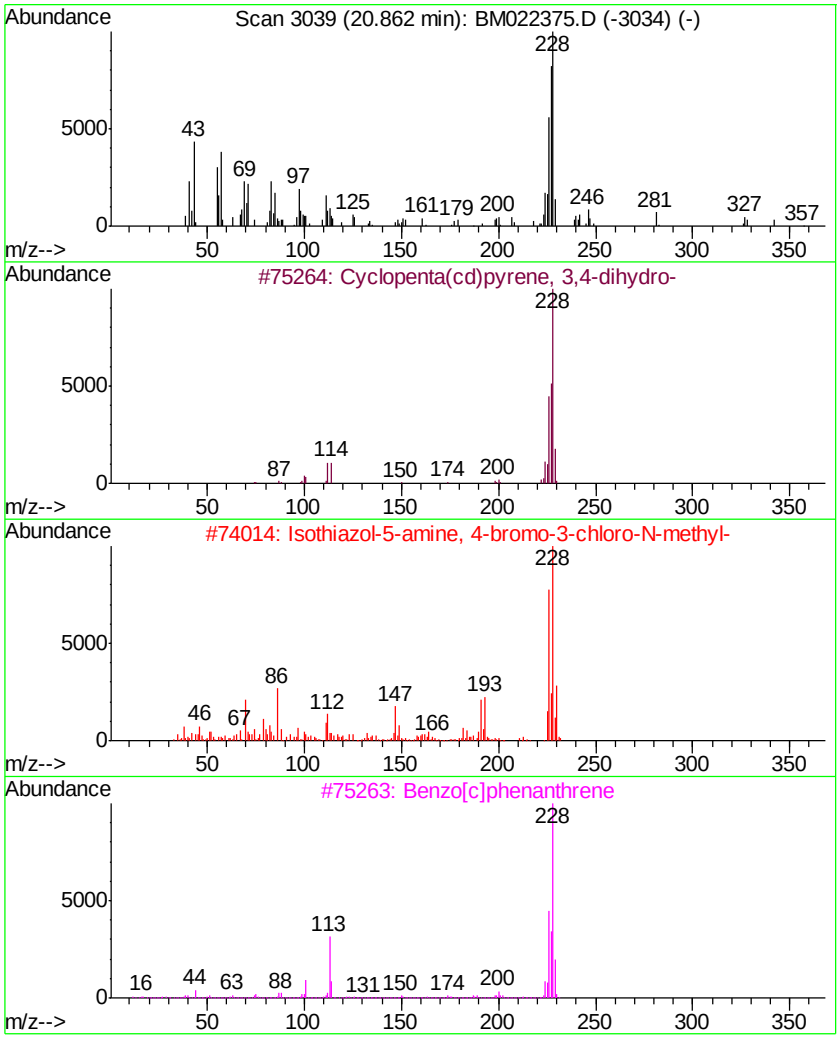
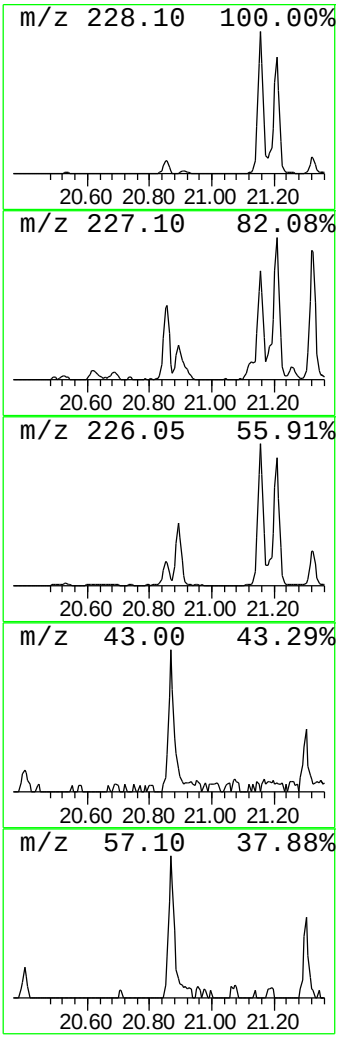
Peak Number 8 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.51 ng/ul	213195	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	58
2	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	53
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
5	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	47





Library Search Compound Report

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Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

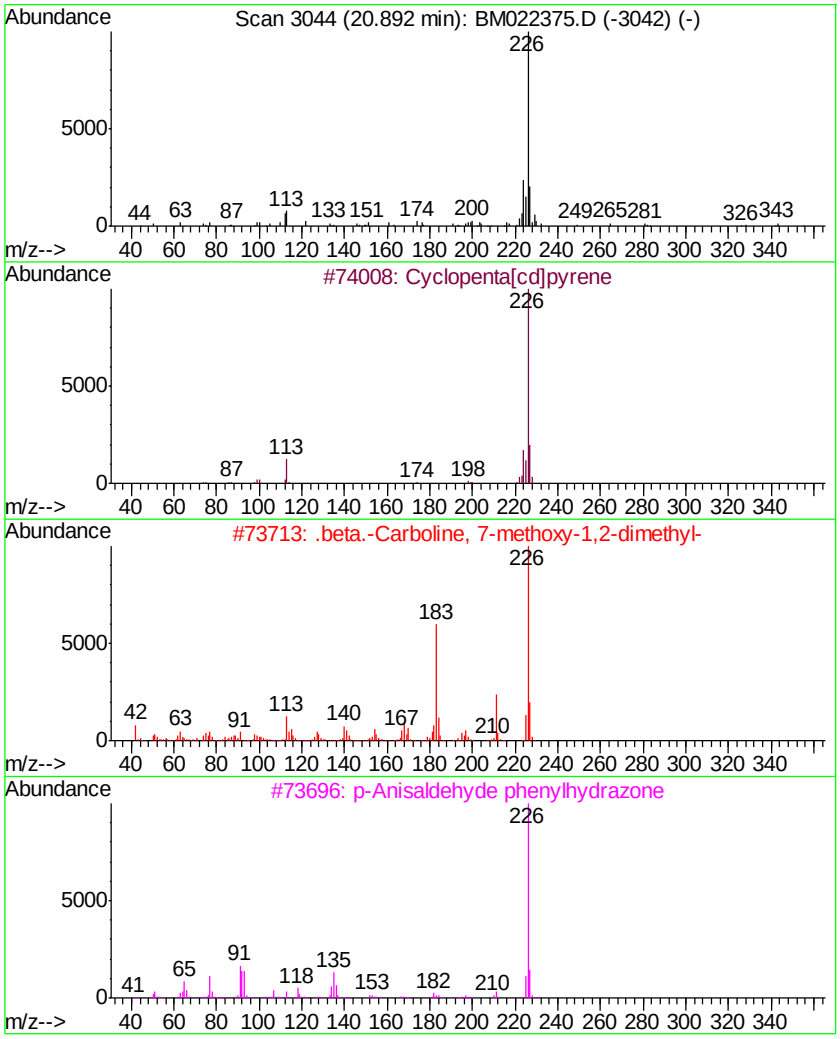
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

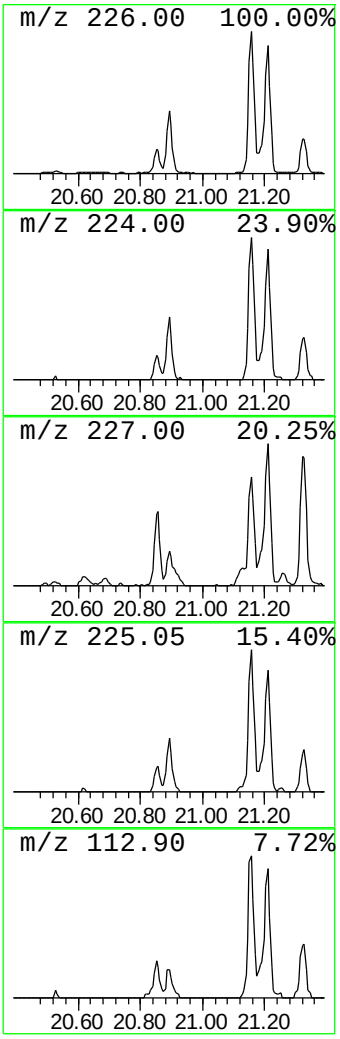
****

Peak Number 9 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.04 ng/ul	172806	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	68
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	64
3	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	59
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	50
5	2,2'-Oxydibenzaldehyde	226	C14H10O3	049590-51-4	45





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Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

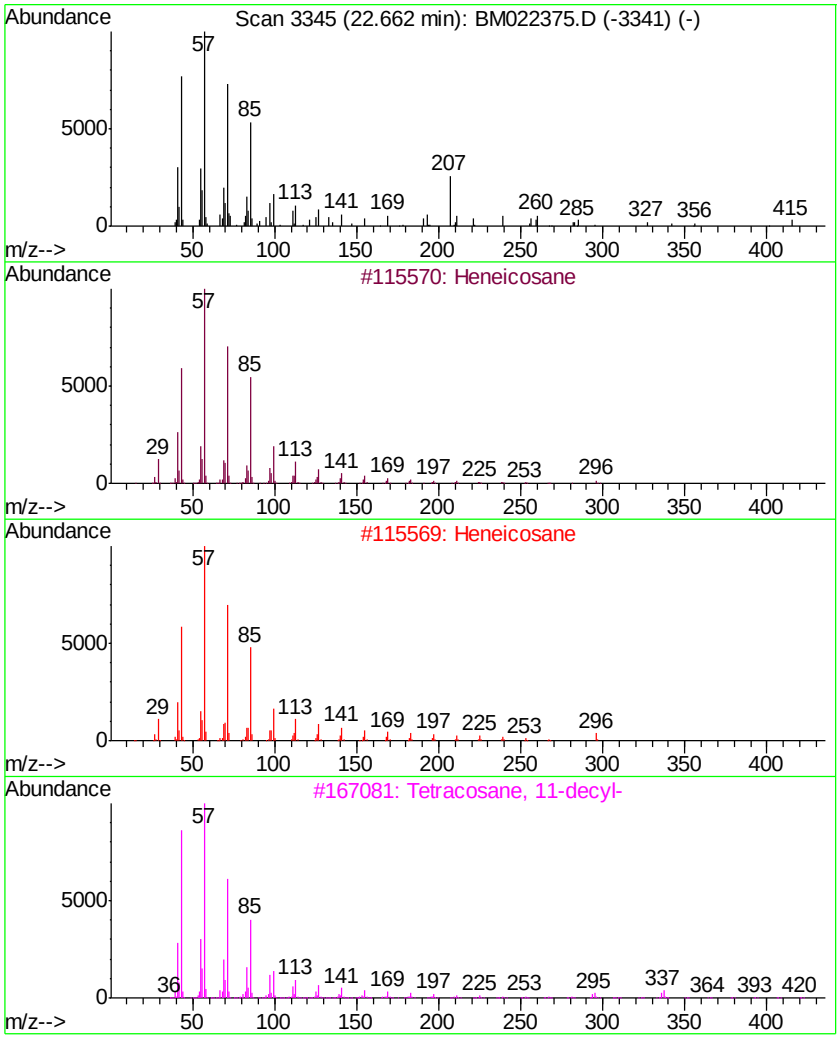
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

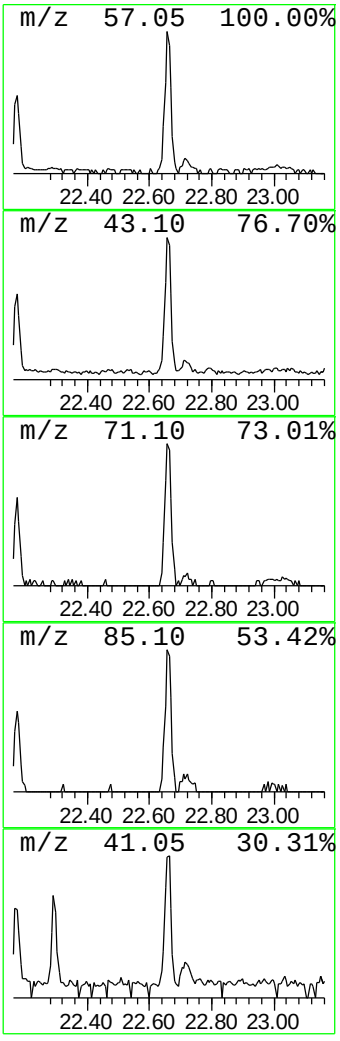
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	3.18 ng/ul	79475	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Octacosane	394	C28H58	000630-02-4	87





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Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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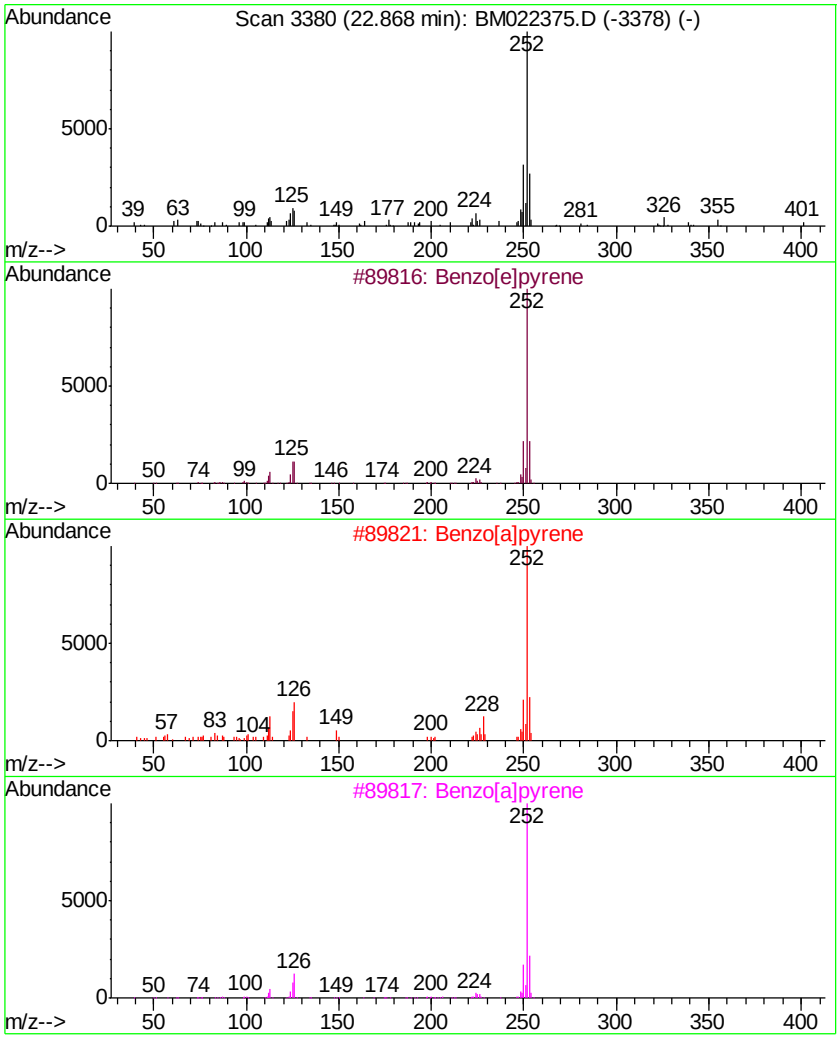
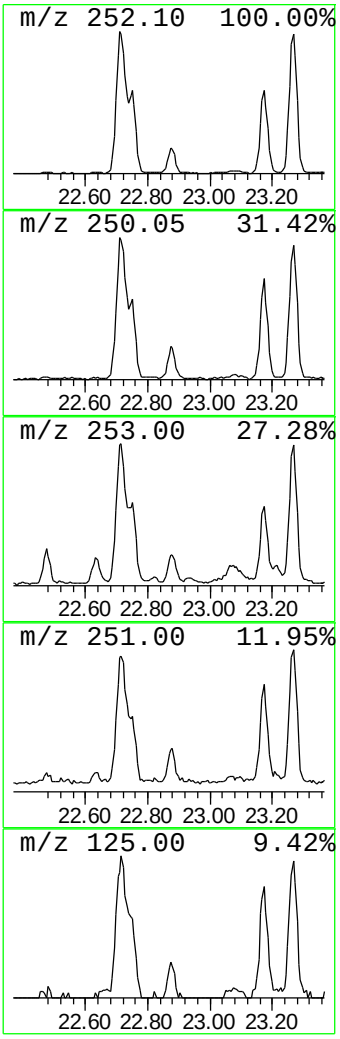
Peak Number 11 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	4.42 ng/ul	110202	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Perylene	252	C20H12	000198-55-0	76
5	Benzo[e]pyrene	252	C20H12	000192-97-2	76





Library Search Compound Report

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Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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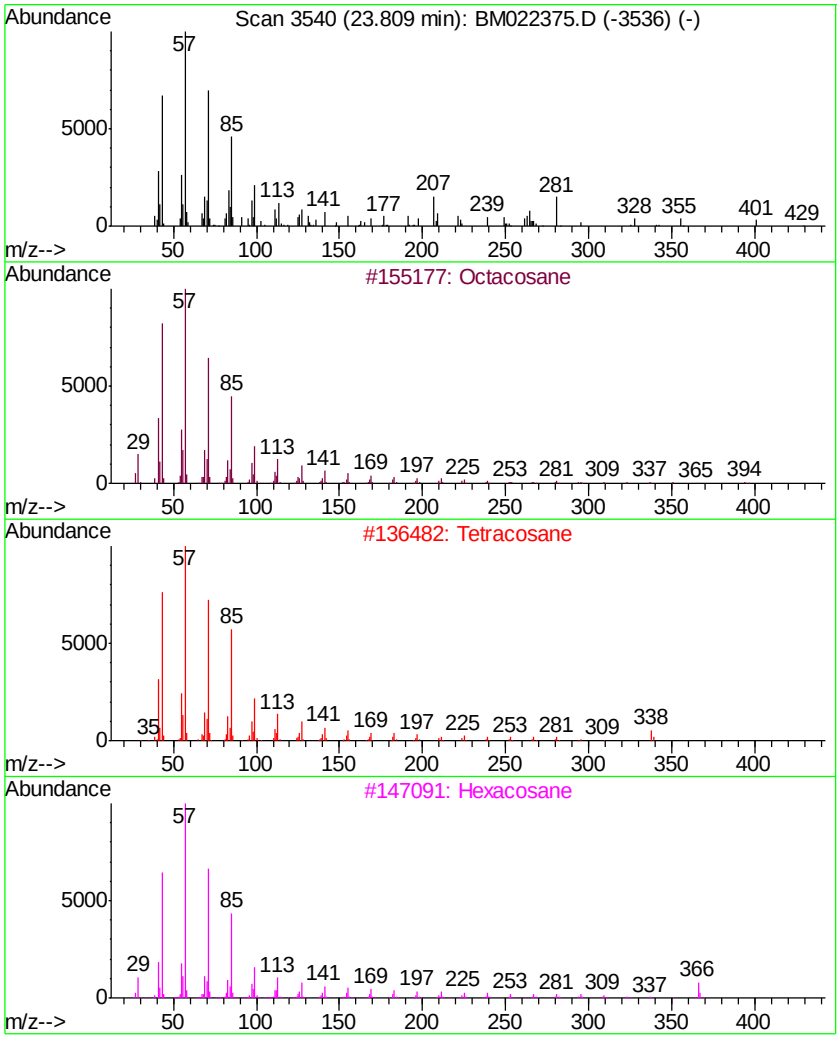
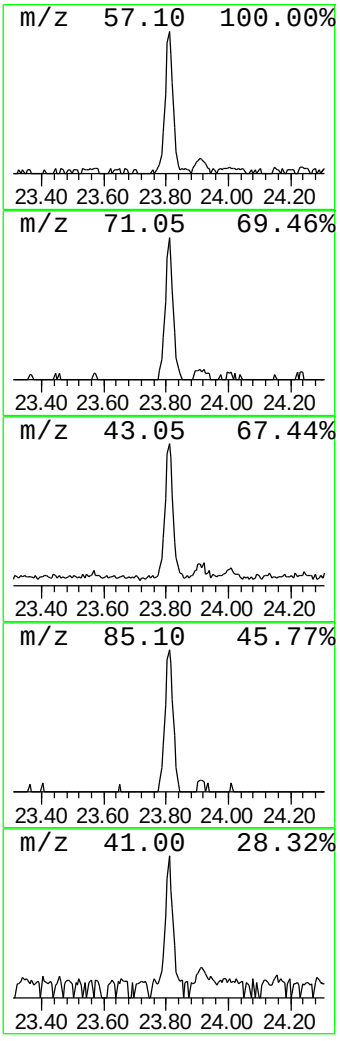
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	5.74 ng/ul	143353	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	76
2	Tetracosane	338	C24H50	000646-31-1	68
3	Hexacosane	366	C26H54	000630-01-3	68
4	Tetratriacontane	479	C34H70	014167-59-0	64
5	Heptacosane	380	C27H56	000593-49-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022375.D
Acq On : 27 Aug 2019 20:13
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.71	2.1	ng/ul	18390	1	7.54	176116	20.0
Phenanthrene, 1-m...	17.83	3.8	ng/ul	98185	4	16.96	522777	20.0
Phenanthrene, 2-m...	17.89	4.7	ng/ul	122361	4	16.96	522777	20.0
4H-Cyclopenta[def...	18.03	7.1	ng/ul	185091	4	16.96	522777	20.0
Phenanthrene, 4-m...	18.07	3.0	ng/ul	78726	4	16.96	522777	20.0
2-Phenylnaphthalene	18.34	2.8	ng/ul	74079	4	16.96	522777	20.0
11H-Benzo[b]fluorene	19.90	2.7	ng/ul	230447	5	21.17	1696430	20.0
Cyclopenta(cd)pyr...	20.86	2.5	ng/ul	213195	5	21.17	1696430	20.0
Cyclopenta[cd]pyrene	20.89	2.0	ng/ul	172806	5	21.17	1696430	20.0
(DEL) Alkane: Str...	22.66	3.2	ng/ul	79475	6	23.36	499177	20.0
Benzo[e]pyrene	22.87	4.4	ng/ul	110202	6	23.36	499177	20.0
(DEL) Alkane: Str...	23.81	5.7	ng/ul	143353	6	23.36	499177	20.0