LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004049.D
Acq On : 15 Jan 2016 15:59
Operator : SJ/UM
Sample : H1100-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC989

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.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	6.846	633	639	648	rBV	105432	171136	16.03%	1.128%
2	6.998	660	665	674	rBB	88174	135060	12.65%	0.891%
3	7.198	693	699	707	rBB	114609	177354	16.61%	1.169%
4	7.663	773	778	785	rBB	139111	211626	19.82%	1.395%
5	8.375	894	899	909	rBB	117572	186268	17.45%	1.228%
6	8.487	913	918	924	rBB	12698	18901	1.77%	0.125%
7	8.822	969	975	983	rBV	114094	178473	16.72%	1.177%
8	9.545	1092	1098	1104	rBB	89622	145887	13.67%	0.962%
9	10.081	1183	1189	1198	rBV	148265	238748	22.36%	1.574%
10	10.451	1245	1252	1259	rBV	222373	357572	33.49%	2.358%
11	10.592	1270	1276	1290	rBV	90974	157170	14.72%	1.036%
12	13.733	1804	1810	1814	rVV	279927	391515	36.67%	2.582%
13	13.780	1814	1818	1824	rVB	137053	187200	17.53%	1.234%
14	14.010	1851	1857	1869	rBB	329822	490950	45.99%	3.237%
15	14.222	1888	1893	1896	rBB	16503	20668	1.94%	0.136%
16	14.322	1904	1910	1917	rBB2	328637	493470	46.22%	3.254%
17	14.539	1942	1947	1961	rBV	81365	133634	12.52%	0.881%
18	15.174	2050	2055	2061	rVB	29401	36133	3.38%	0.238%
19	15.316	2073	2079	2085	rVV	420220	617956	57.88%	4.075%
20	15.451	2097	2102	2108	rBV	69053	90510	8.48%	0.597%
21	15.816	2157	2164	2170	rBB3	20628	34066	3.19%	0.225%
22	16.039	2197	2202	2210	rBV2	31742	61328	5.74%	0.404%
23	16.792	2326	2330	2333	rBV2	21006	25192	2.36%	0.166%
24	16.827	2333	2336	2340	rVV	18020	22582	2.12%	0.149%
25	17.074	2372	2378	2382	rBV2	418661	605232	56.69%	3.991%
26	17.115	2382	2385	2389	rVV	180892	225601	21.13%	1.488%
27	17.168	2389	2394	2398	rVV	450327	656819	61.52%	4.331%
28	17.204	2398	2400	2406	rVB	69783	80575	7.55%	0.531%
29	17.945	2519	2526	2531	rBV	47723	77984	7.30%	0.514%
30	17.998	2531	2535	2540	rVB	63076	85792	8.04%	0.566%
31	18.080	2544	2549	2553	rBV	20950	29786	2.79%	0.196%
32	18.145	2553	2560	2564	rBV2	64060	122952	11.52%	0.811%
33	18.180	2564	2566	2573	rVB	38852	44054	4.13%	0.290%
34	18.451	2606	2612	2616	rBV	27202	39128	3.67%	0.258%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004049.D
Acq On : 15 Jan 2016 15:59
Operator : SJ/UM
Sample : H1100-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC989

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Title : SVOA CALIBRATION

35	18.498	2616	2620	2625	rVB2	24520	35231	3.30%	0.232%
36	18.698	2651	2654	2660	rVV	16033	20911	1.96%	0.138%
37	18.751	2660	2663	2667	rVV	20936	24826	2.33%	0.164%
38	18.874	2678	2684	2689	rBV	54177	89817	8.41%	0.592%
39	18.939	2689	2695	2698	rVV3	26473	54614	5.12%	0.360%
40	18.968	2698	2700	2703	rVB	18530	17648	1.65%	0.116%
41	19.015	2703	2708	2716	rBV3	28912	61218	5.73%	0.404%
42	19.139	2721	2729	2736	rVB	461551	606592	56.82%	4.000%
43	19.239	2743	2746	2750	rVB	15560	19210	1.80%	0.127%
44	19.474	2780	2786	2789	rBV2	616244	905475	84.81%	5.971%
45	19.504	2789	2791	2800	rVB	417438	533458	49.97%	3.518%
46	19.580	2800	2804	2810	rVB2	31756	51836	4.86%	0.342%
47	19.686	2810	2822	2828	rBV2	26100	65398	6.13%	0.431%
48	19.745	2828	2832	2838	rVB3	18761	28293	2.65%	0.187%
49	19.827	2842	2846	2847	rBV	41138	49507	4.64%	0.326%
50	19.968	2865	2870	2872	rBV2	32380	50973	4.77%	0.336%
51	20.003	2872	2876	2882	rVV	86627	128351	12.02%	0.846%
52	20.104	2889	2893	2897	rVV	60969	80143	7.51%	0.528%
53	20.162	2897	2903	2907	rVV2	71607	122231	11.45%	0.806%
54	20.203	2907	2910	2914	rVV2	23369	36294	3.40%	0.239%
55	20.245	2914	2917	2921	rVV2	13080	20416	1.91%	0.135%
56	20.303	2922	2927	2930	rVV	48351	64793	6.07%	0.427%
57	20.351	2930	2935	2939	rVV	44862	67896	6.36%	0.448%
58	20.468	2948	2955	2959	rVB5	11746	20697	1.94%	0.136%
59	20.562	2967	2971	2974	rBV2	10105	17487	1.64%	0.115%
60	20.598	2974	2977	2980	rVV3	16418	22930	2.15%	0.151%
61	20.627	2980	2982	2987	rVB2	16215	21483	2.01%	0.142%
62	20.715	2993	2997	3000	rBV3	17105	28436	2.66%	0.188%
63	20.756	3000	3004	3010	rVV	46735	73598	6.89%	0.485%
64	20.845	3016	3019	3024	rVB	14303	19436	1.82%	0.128%
65	20.921	3024	3032	3035	rBV3	50235	92965	8.71%	0.613%
66	20.962	3035	3039	3040	rVV	46803	60586	5.68%	0.400%
67	20.986	3040	3043	3050	rVV3	56555	144384	13.52%	0.952%
68	21.056	3050	3055	3061	rVB2	42101	75487	7.07%	0.498%
69	21.162	3066	3073	3075	rBV	13563	23086	2.16%	0.152%
70	21.274	3081	3092	3096	rBV2	568693	1067592	100.00%	7.040%
71	21.315	3096	3099	3107	rVB	233381	305334	28.60%	2.013%

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC989

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

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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Title : SVOA CALIBRATION

72	21.392	3108	3112	3115	rBV4	18356	26595	2.49%	0.175%
73	21.433	3115	3119	3123	rBV	39946	56505	5.29%	0.373%
74	21.592	3141	3146	3151	rBV2	23116	41064	3.85%	0.271%
75	21.768	3173	3176	3179	rBV	15075	19405	1.82%	0.128%
76	21.827	3179	3186	3189	rVV	61595	106797	10.00%	0.704%
77	21.856	3189	3191	3192	rVV2	19646	20364	1.91%	0.134%
78	21.880	3192	3195	3201	rVB2	36911	59055	5.53%	0.389%
79	22.027	3215	3220	3221	rVV2	40688	59051	5.53%	0.389%
80	22.050	3222	3224	3231	rVV4	48789	74298	6.96%	0.490%
81	22.121	3232	3236	3241	rVB3	29676	46743	4.38%	0.308%
82	22.315	3263	3269	3274	rBV6	34186	75783	7.10%	0.500%
83	22.439	3284	3290	3294	rBV5	16706	38363	3.59%	0.253%
84	22.474	3294	3296	3302	rVB	16197	21901	2.05%	0.144%
85	22.592	3311	3316	3322	rBV7	16387	31449	2.95%	0.207%
86	22.845	3349	3359	3364	rBV2	147123	430286	40.30%	2.837%
87	23.015	3383	3388	3394	rVB	27125	45168	4.23%	0.298%
88	23.321	3434	3440	3443	rBV	86300	154153	14.44%	1.016%
89	23.374	3443	3449	3453	rVV	343060	657738	61.61%	4.337%
90	23.415	3453	3456	3463	rVV	140529	230436	21.58%	1.519%
91	23.515	3465	3473	3478	rVV	282419	529542	49.60%	3.492%
92	23.562	3478	3481	3488	rVB2	37953	71211	6.67%	0.470%
93	24.015	3551	3558	3570	rVB2	81955	176733	16.55%	1.165%
94	24.750	3677	3683	3695	rVB2	22949	55533	5.20%	0.366%
95	25.615	3821	3830	3840	rBV	36911	104194	9.76%	0.687%
96	25.762	3846	3855	3866	rVB2	57869	170087	15.93%	1.122%
97	26.021	3891	3899	3906	rBV2	11889	35273	3.30%	0.233%
98	26.115	3908	3915	3923	rBV2	9440	28302	2.65%	0.187%
99	26.456	3964	3973	3982	rBV4	32868	103940	9.74%	0.685%
100	26.627	3995	4002	4013	rBV7	10940	35413	3.32%	0.234%

Sum of corrected areas: 15165336

```
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004049.D
Acq On    : 15 Jan 2016  15:59
Operator  : SJ/UM
Sample    : H1100-08
Misc      :
ALS Vial  : 10   Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title  : SVOA CALIBRATION

TIC Library   : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P
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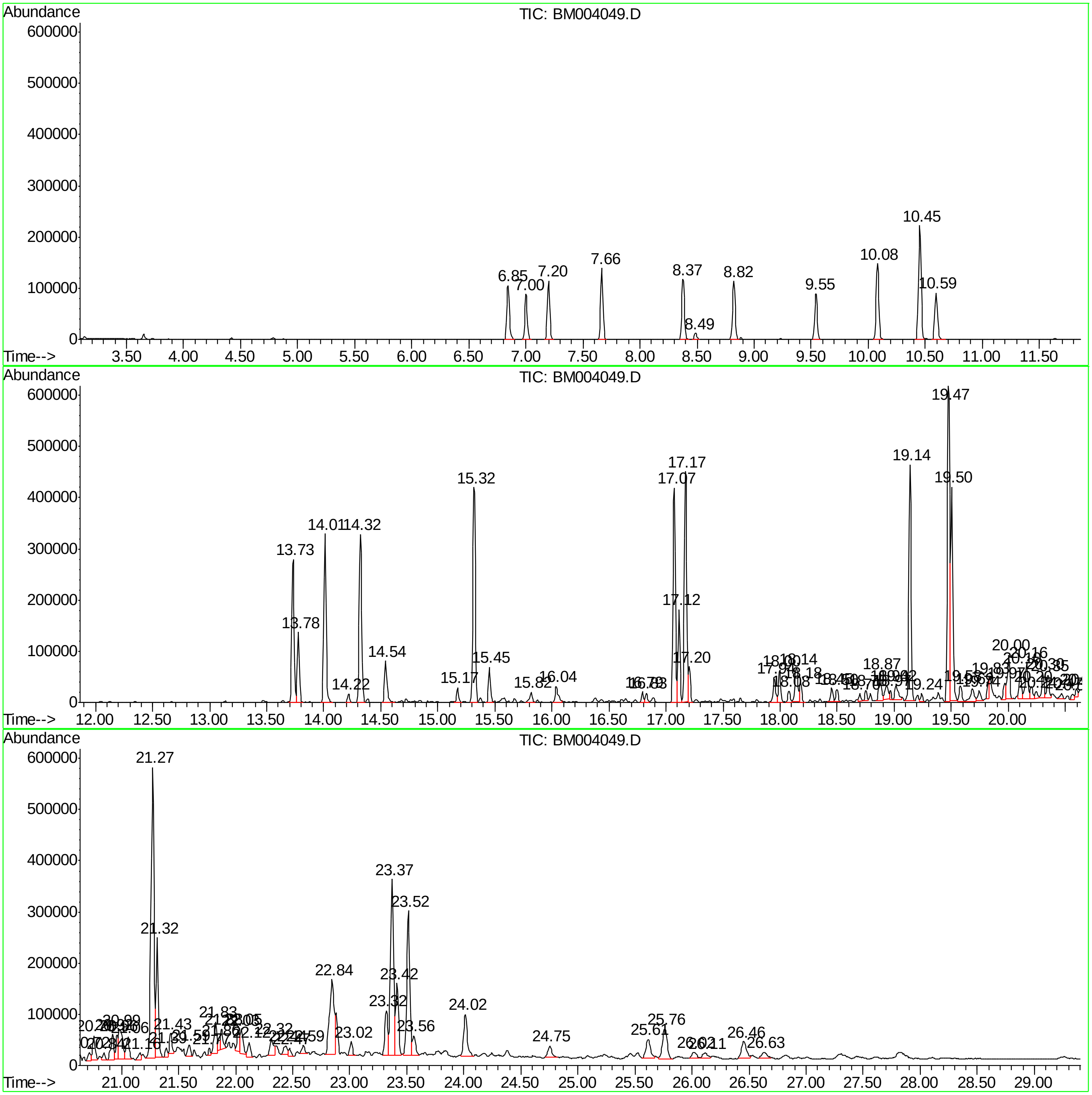
Instrument :
BNA_M
ClientSampleId :
BC989



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004049.D
Acq On : 15 Jan 2016 15:59
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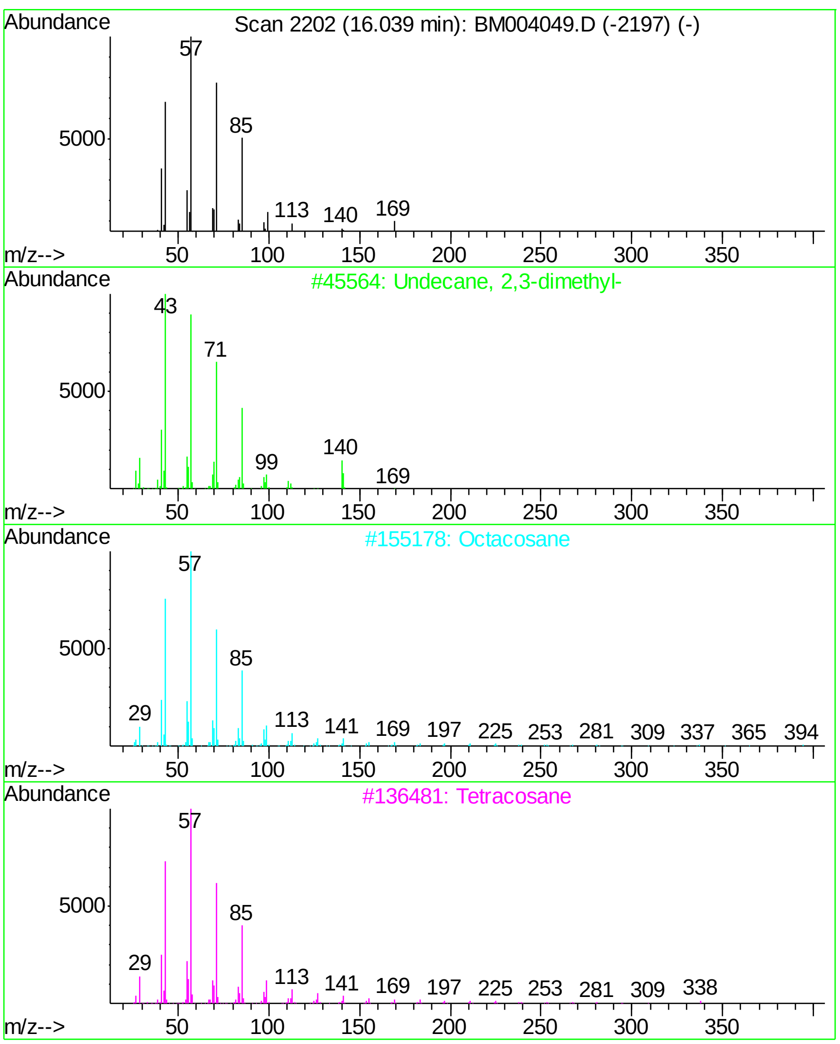
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

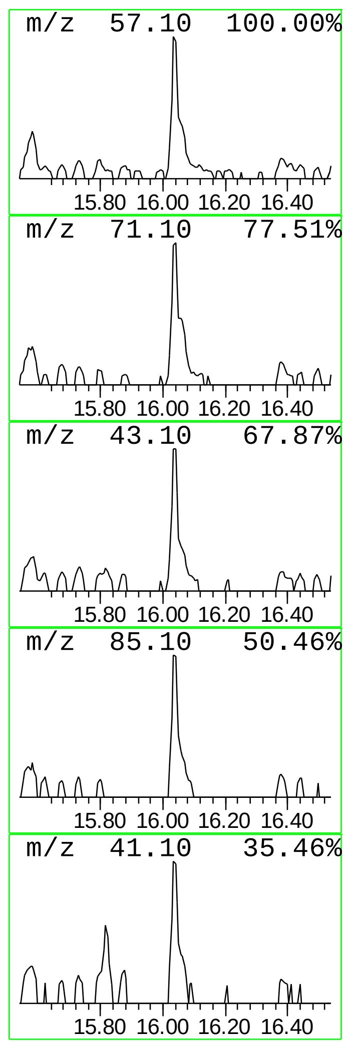
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.03 ng/ul	61328	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
2	Octacosane	394	C28H58	000630-02-4	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Heptadecane	240	C17H36	000629-78-7	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004049.D
Acq On : 15 Jan 2016 15:59
Operator : SJ/UM
Sample : H1100-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC989

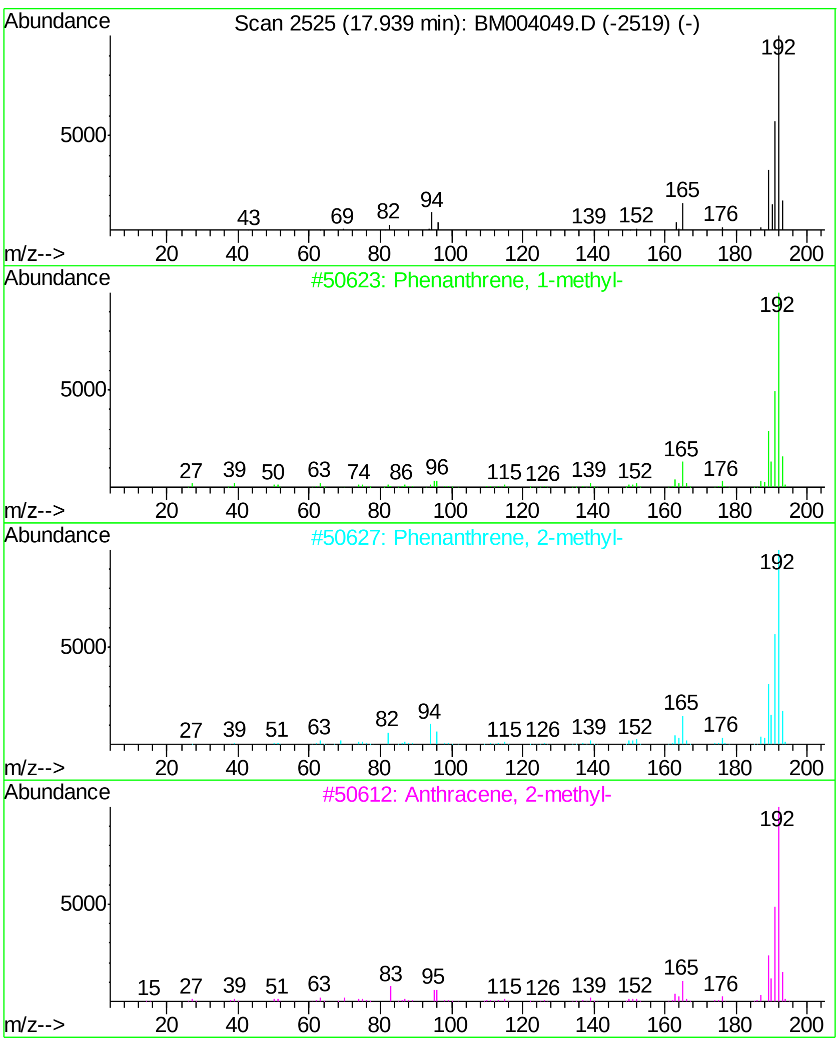
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

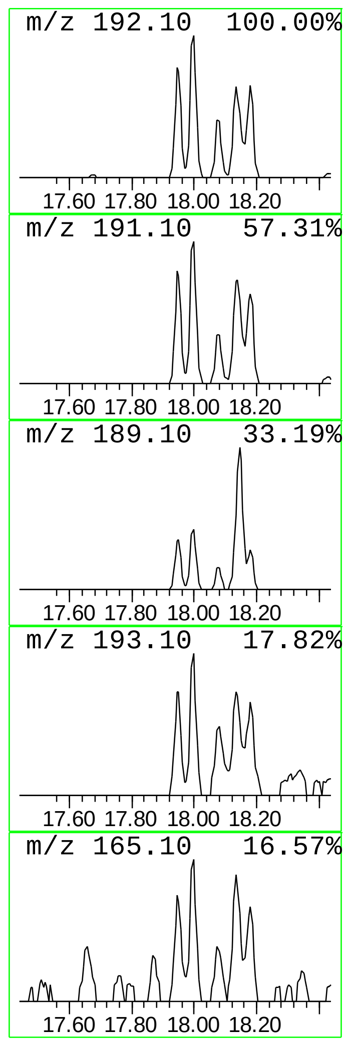
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.58 ng/ul	77984	Phenanthrene-d10	17.07

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004049.D
Acq On : 15 Jan 2016 15:59
Operator : SJ/UM
Sample : H1100-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

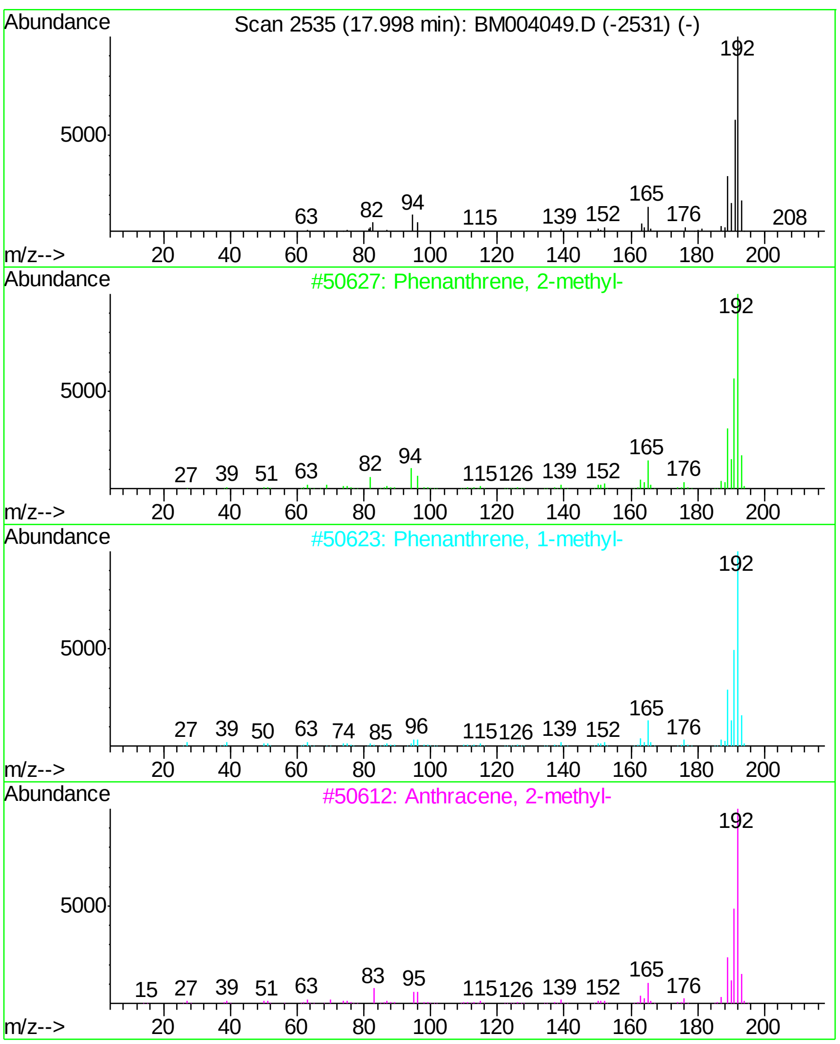
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

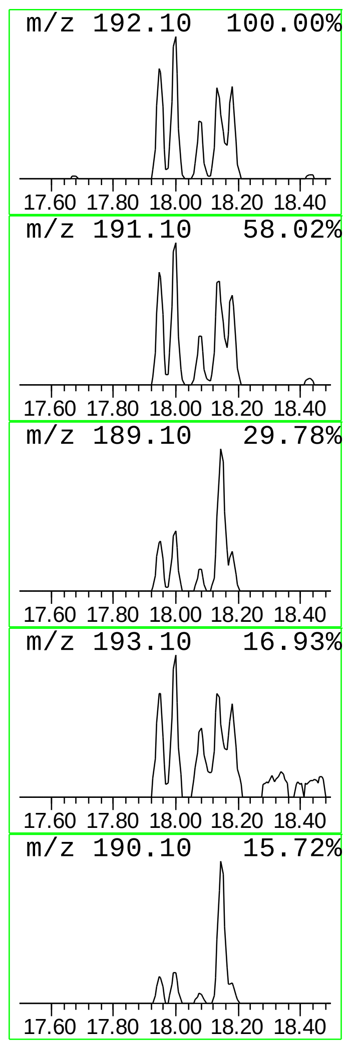
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.84 ng/ul	85792	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004049.D
Acq On : 15 Jan 2016 15:59
Operator : SJ/UM
Sample : H1100-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC989

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

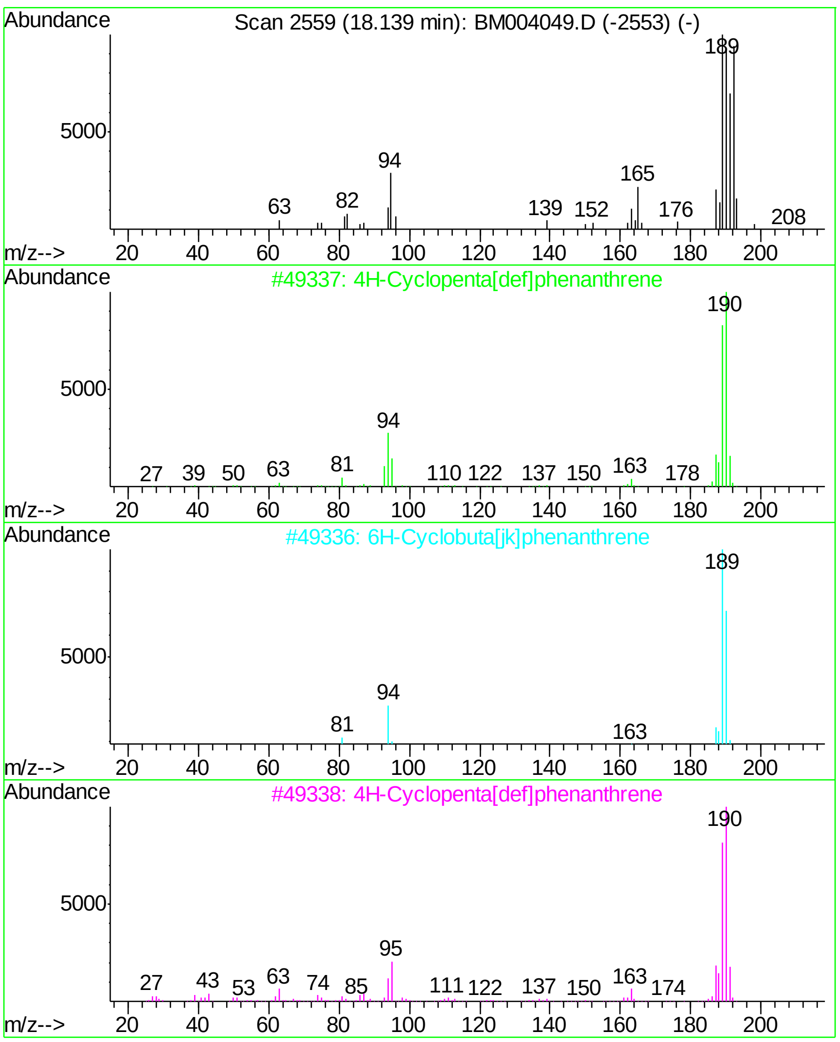
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

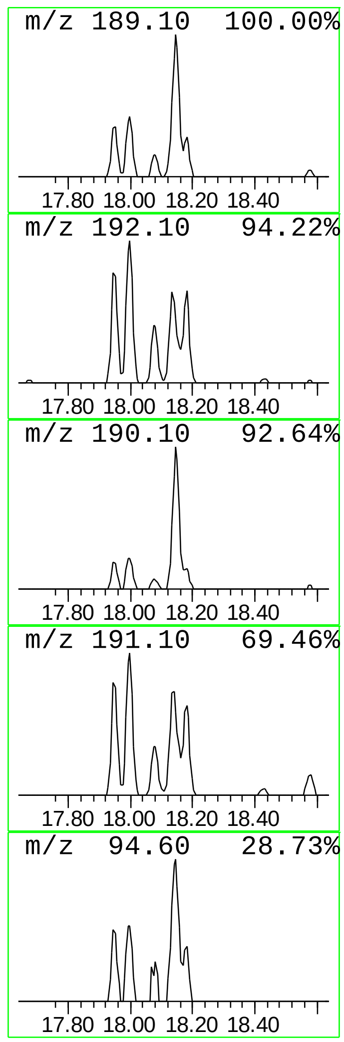
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	4.06 ng/ul	122952	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004049.D
Acq On : 15 Jan 2016 15:59
Operator : SJ/UM
Sample : H1100-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC989

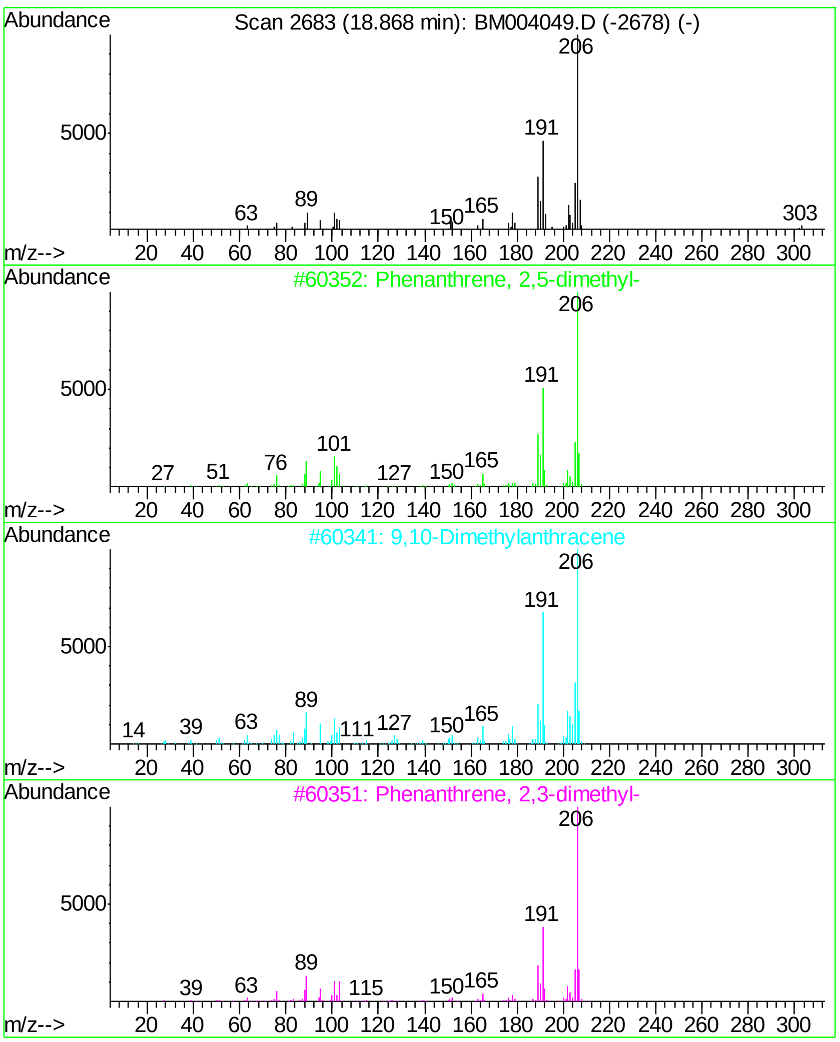
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

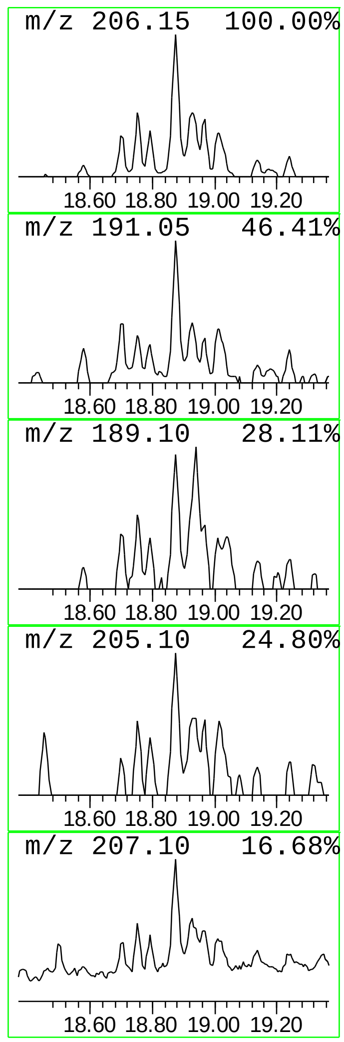
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.97 ng/ul	89817	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





Instrument :
BNA_M
ClientSampleId :
BC989

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004049.D
Acq On    : 15 Jan 2016  15:59
Operator  : SJ/UM
Sample    : H1100-08
Misc      :
ALS Vial  : 10   Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title  : SVOA CALIBRATION

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

**********************************************************************
Peak Number  6  Cyclopenta(def)phenanthrenone   Concentration Rank 13

  R.T.   EstConc          Area      Relative to ISTD          R.T.
----------------------------------------------------------------------
 19.02    2.02 ng/ul       61218    Phenanthrene-d10            17.07

 Hit# of  5    Tentative ID              MW  MolForm       CAS#       Qual
----------------------------------------------------------------------
 1 Cyclopenta(def)phenanthrenone        204 C15H8O        005737-13-3 50
 2 3,5-Dichloro-2,4-dimethyl-1-meth...  204 C9H10Cl2O     1000250-17-8 49
 3 9,10-Dimethylanthracene              206 C16H14        000781-43-1 46
 4 Anthracene, 1,4-dimethyl-            206 C16H14        000781-92-0 46
 5 Phenanthrene-9-carboxaldehyde        206 C15H10O       004707-71-5 46
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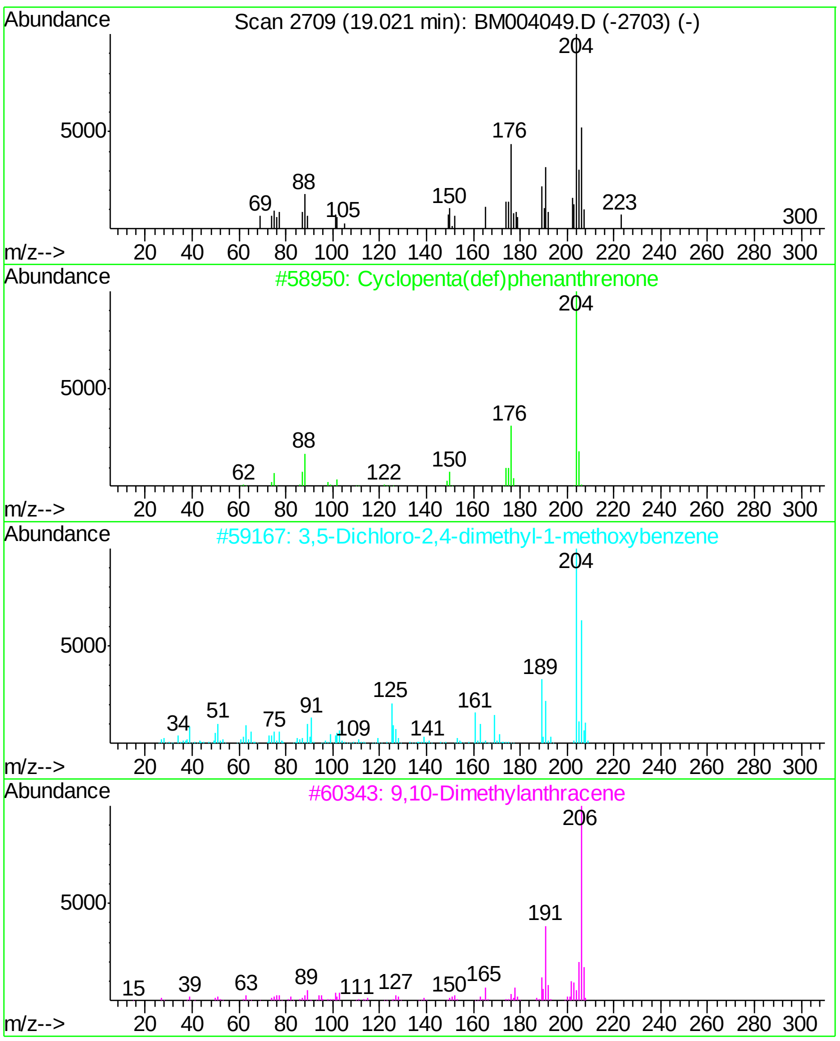

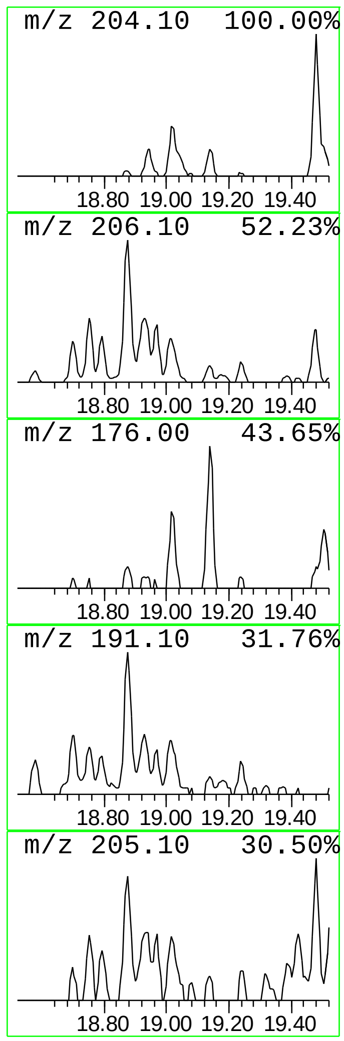

Library Search Compound Report

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Data File : BM004049.D
Acq On : 15 Jan 2016 15:59
Operator : SJ/UM
Sample : H1100-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC989

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

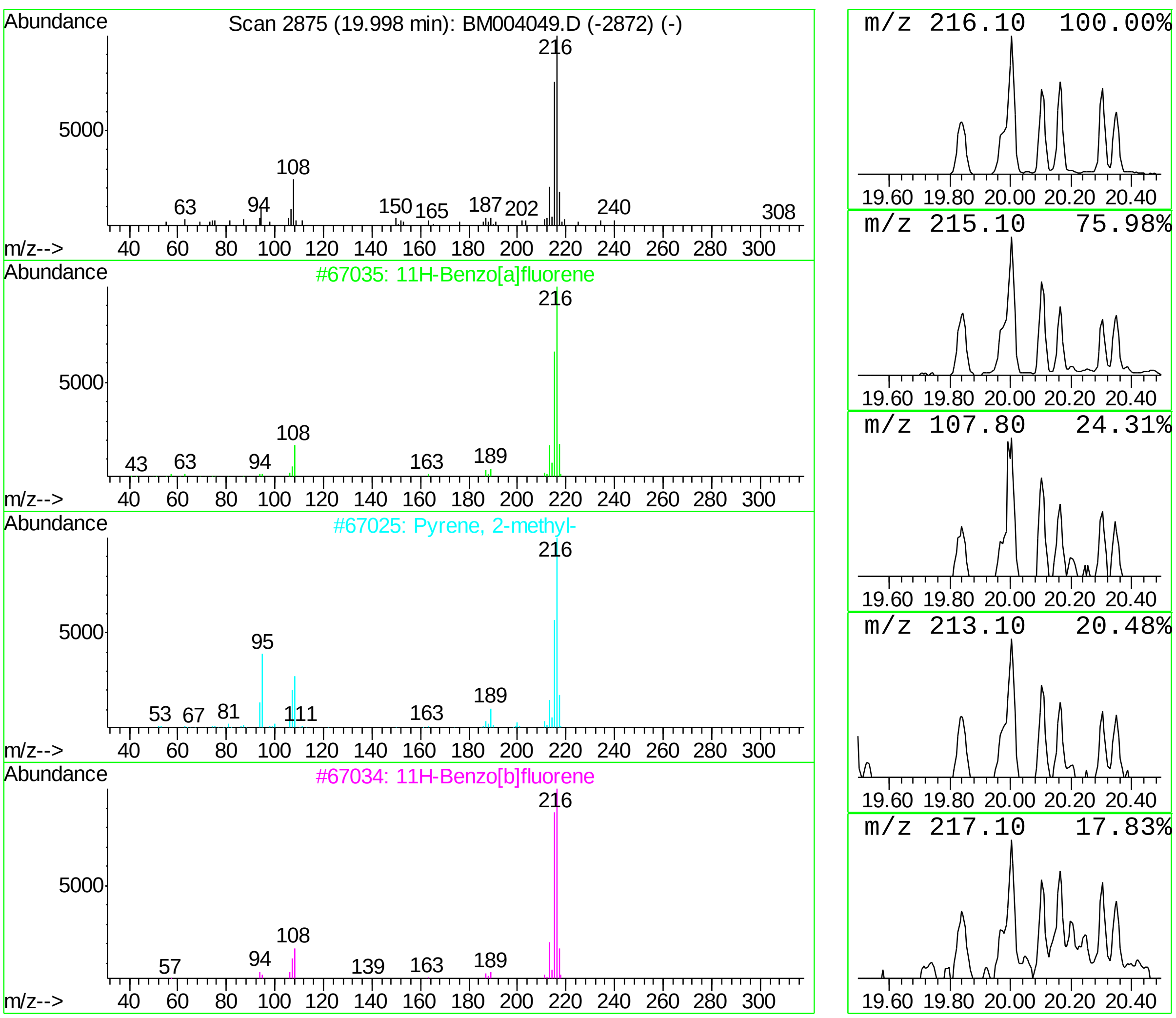
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.40 ng/ul	128351	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87



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Sample : H1100-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC989

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

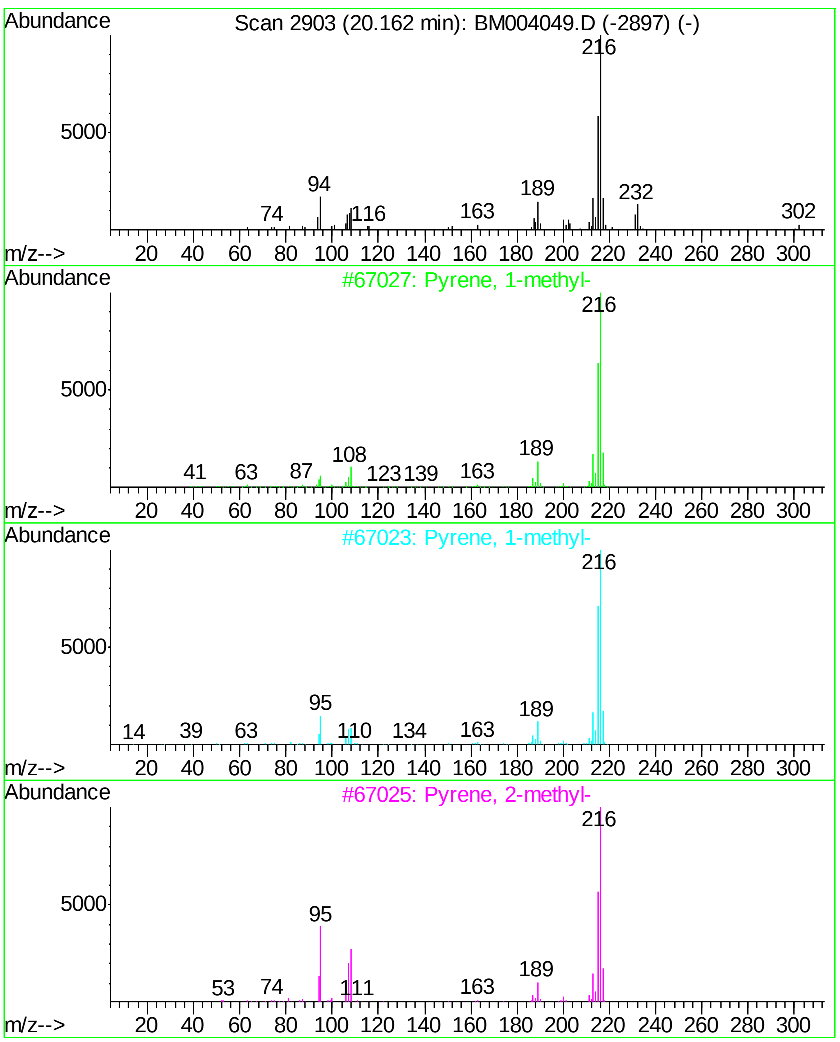
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

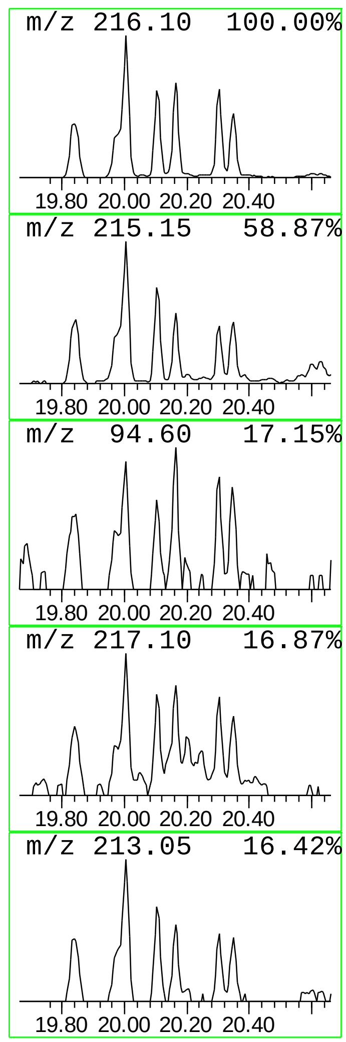
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.29 ng/ul	122231	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94





Library Search Compound Report

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Sample    : H1100-08
Misc      :
ALS Vial  : 10   Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title  : SVOA CALIBRATION

TIC Library    : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P
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Instrument : BNA_M
ClientSampleId : BC989

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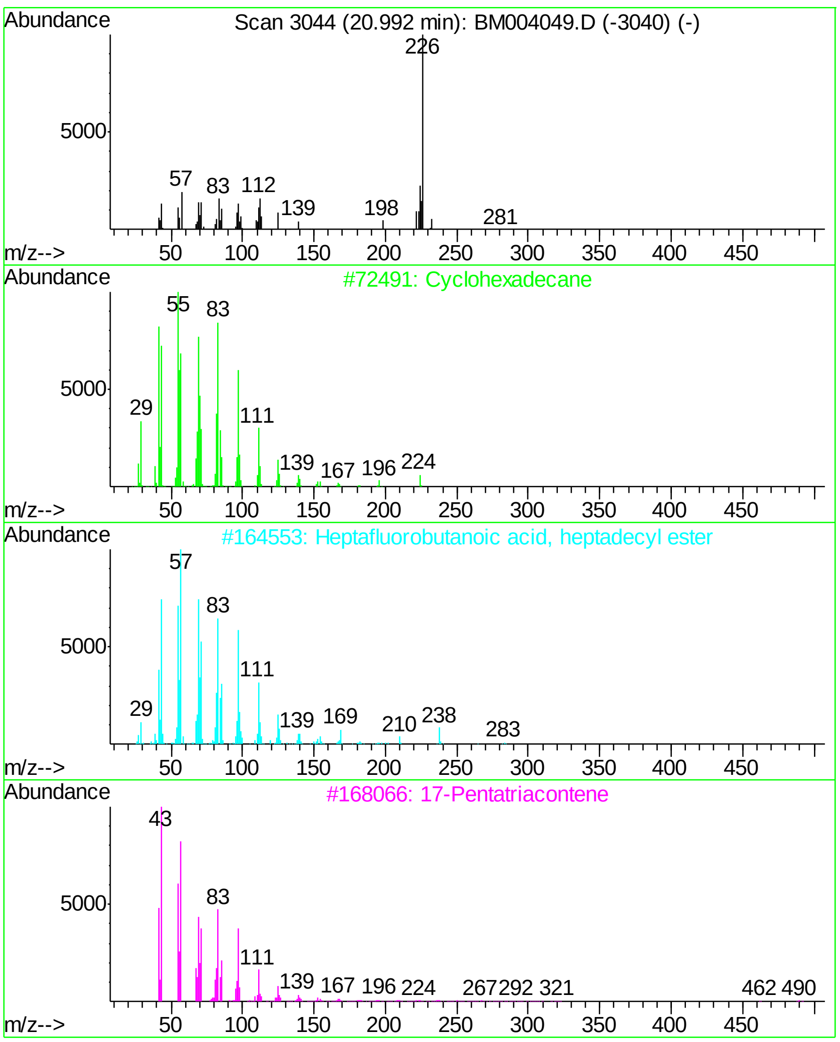
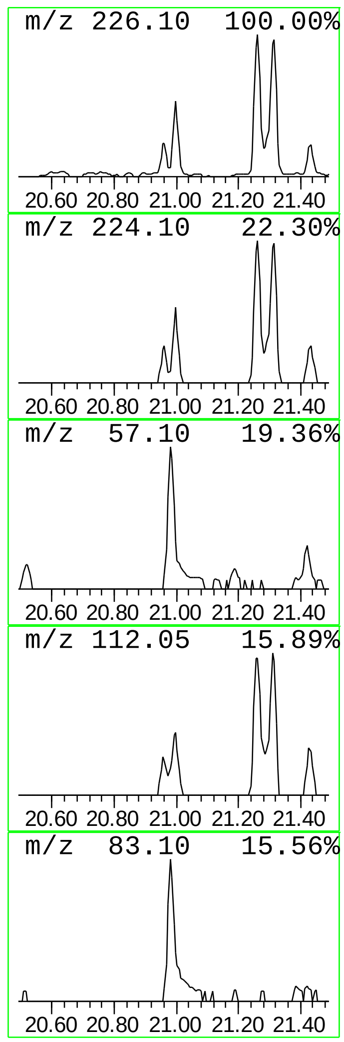
Peak Number 9 (DEL) Alkane: Cyclic20.99 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.70 ng/ul	144384	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	83
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	70
3	17-Pentatriacontene	491	C35H70	006971-40-0	68
4	1-Octadecanol	270	C18H38O	000112-92-5	64
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	62





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Operator : SJ/UM
Sample : H1100-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC989

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

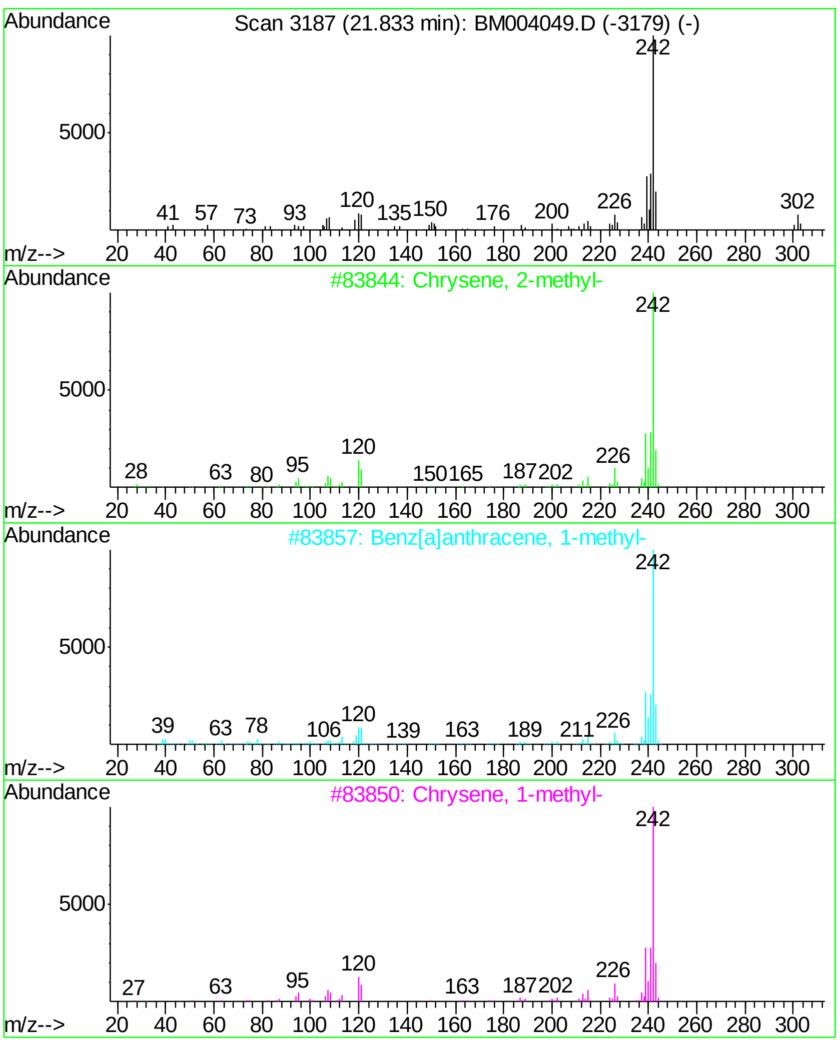
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

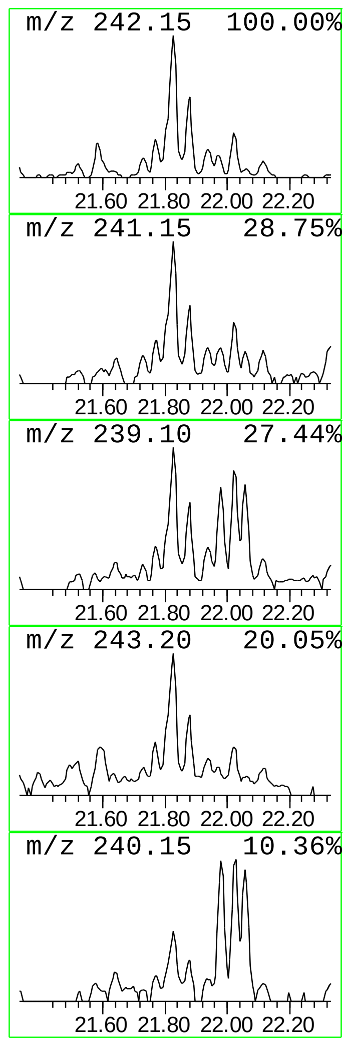
****

Peak Number 10 Chrysene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.00 ng/ul	106797	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 2-methyl-	242	C19H14	003351-32-4	93
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5	Chrysene, 6-methyl-	242	C19H14	003697-24-3	90





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Acq On : 15 Jan 2016 15:59
Operator : SJ/UM
Sample : H1100-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC989

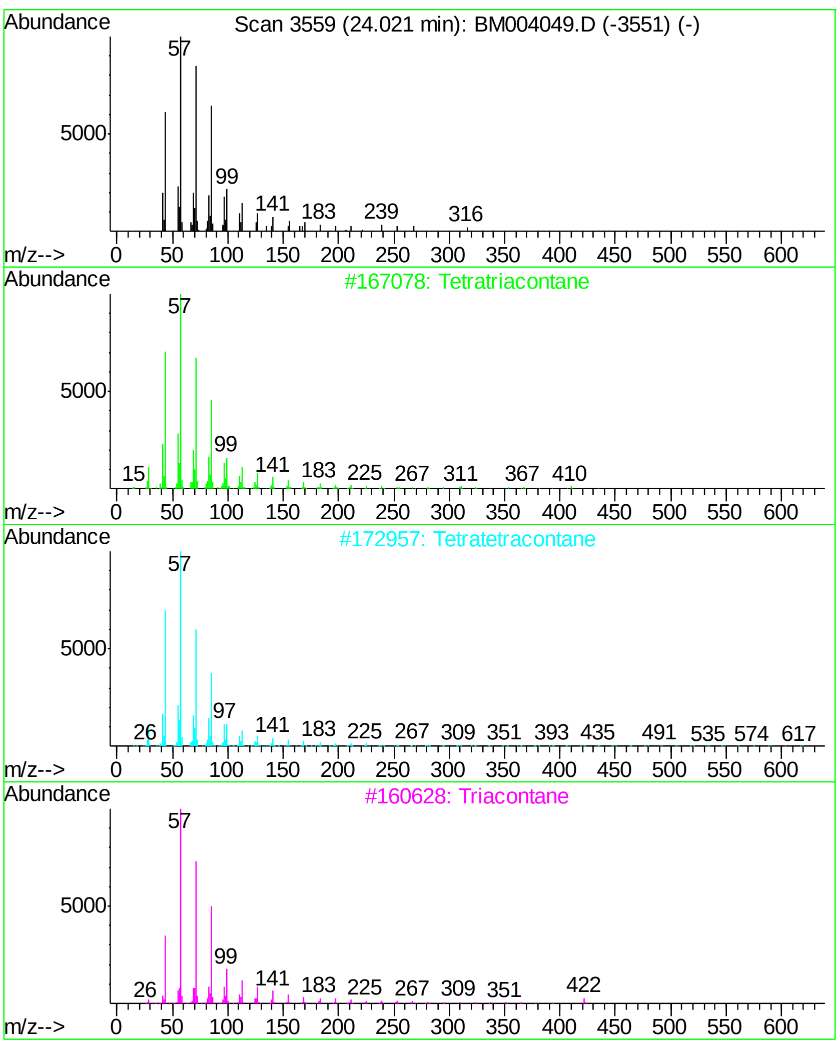
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

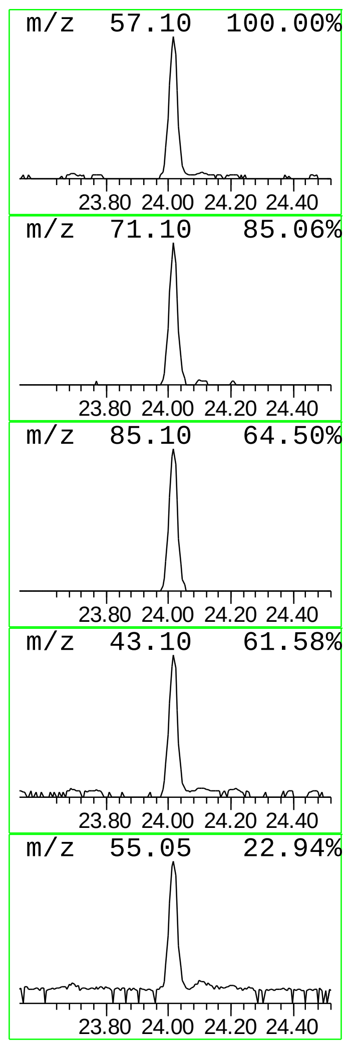
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	6.67 ng/ul	176733	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Pentacosane	352	C25H52	000629-99-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004049.D
Acq On : 15 Jan 2016 15:59
Operator : SJ/UM
Sample : H1100-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC989

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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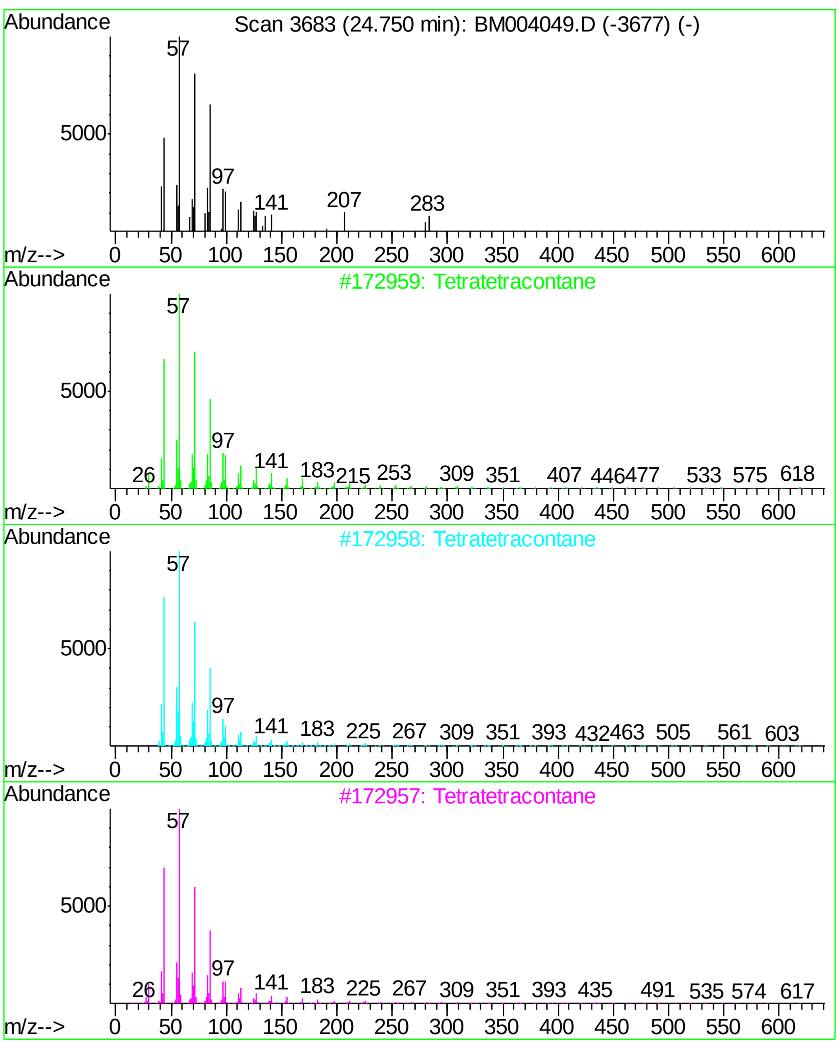
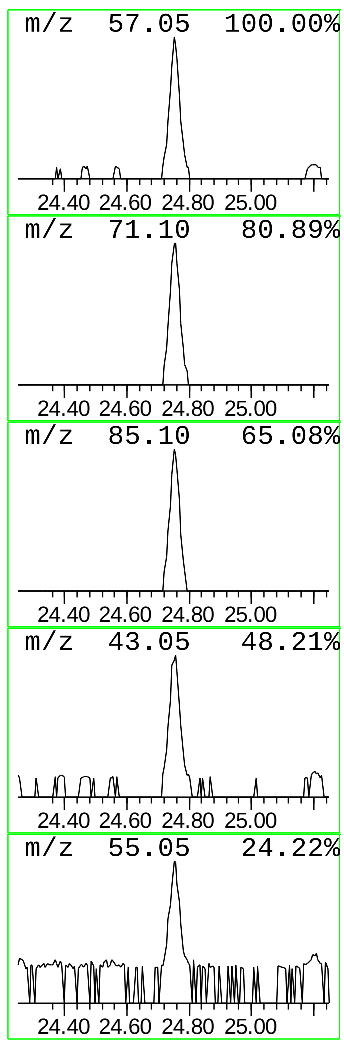
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.75	2.10 ng/ul	55533	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	86
2	Tetratetracontane	619	C44H90	007098-22-8	80
3	Tetratetracontane	619	C44H90	007098-22-8	80
4	Hexatriacontane	507	C36H74	000630-06-8	80
5	Tetrapentacontane	759	C54H110	005856-66-6	80





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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004049.D
Acq On    : 15 Jan 2016  15:59
Operator  : SJ/UM
Sample    : H1100-08
Misc      :
ALS Vial  : 10   Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title  : SVOA CALIBRATION

TIC Library    : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P
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Instrument : BNA_M
ClientSampleId : BC989

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**********************************************************************
Peak Number 14  (DEL) Alkane: Straight-Chai...  Concentration Rank  4
```
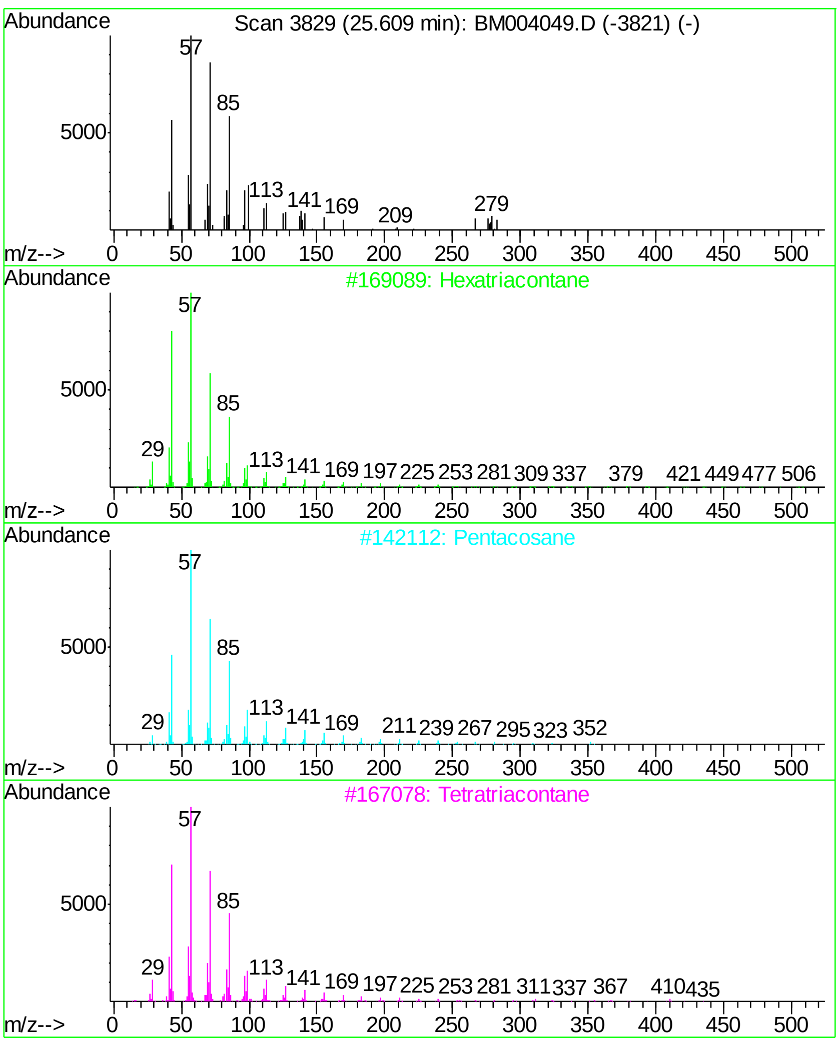
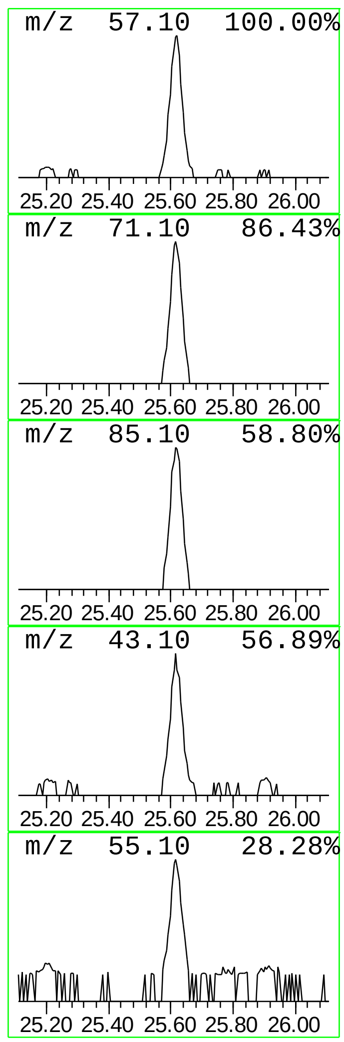

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.61	3.94 ng/ul	104194	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	86
2	Pentacosane	352	C25H52	000629-99-2	83
3	Tetratriacontane	479	C34H70	014167-59-0	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Tetratetracontane	619	C44H90	007098-22-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004049.D
Acq On : 15 Jan 2016 15:59
Operator : SJ/UM
Sample : H1100-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC989

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.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
(DEL) Alkane: Str...	16.04	2.0	ng/ul	61328	4	17.07	605232	20.0
Phenanthrene, 1-m...	17.94	2.6	ng/ul	77984	4	17.07	605232	20.0
Phenanthrene, 2-m...	18.00	2.8	ng/ul	85792	4	17.07	605232	20.0
4H-Cyclopenta[def...	18.14	4.1	ng/ul	122952	4	17.07	605232	20.0
Phenanthrene, 2,5...	18.87	3.0	ng/ul	89817	4	17.07	605232	20.0
Cyclopenta(def)ph...	19.02	2.0	ng/ul	61218	4	17.07	605232	20.0
11H-Benzo[a]fluorene	20.00	2.4	ng/ul	128351	5	21.27	1067590	20.0
Pyrene, 1-methyl-	20.16	2.3	ng/ul	122231	5	21.27	1067590	20.0
(DEL) Alkane: Cyc...	20.99	2.7	ng/ul	144384	5	21.27	1067590	20.0
Chrysene, 2-methyl-	21.83	2.0	ng/ul	106797	5	21.27	1067590	20.0
(DEL) Alkane: Str...	24.02	6.7	ng/ul	176733	6	23.52	529542	20.0
(DEL) Alkane: Str...	24.75	2.1	ng/ul	55533	6	23.52	529542	20.0
(DEL) Alkane: Str...	25.61	3.9	ng/ul	104194	6	23.52	529542	20.0