LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
Data File : BM003976.D
Acq On : 13 Jan 2016 04:30
Operator : SJ/UM
Sample : H1095-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9B5

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	3.652	92	96	101	rVB	19168	24151	1.91%	0.144%
2	6.840	633	638	649	rVB	139422	219746	17.39%	1.310%
3	6.998	660	665	676	rVB	120950	189233	14.98%	1.128%
4	7.198	692	699	709	rBB	152683	235398	18.63%	1.404%
5	7.663	772	778	787	rBB	144524	226621	17.93%	1.351%
6	8.375	893	899	910	rBV	140635	223495	17.69%	1.333%
7	8.822	969	975	983	rBV	146556	233987	18.52%	1.395%
8	9.539	1091	1097	1105	rBB	120774	194158	15.37%	1.158%
9	10.081	1183	1189	1201	rBB	192450	311610	24.66%	1.858%
10	10.451	1245	1252	1259	rBV	236636	383616	30.36%	2.287%
11	10.598	1270	1277	1295	rBV	142663	251521	19.90%	1.500%
12	13.733	1804	1810	1814	rVV	401079	546806	43.27%	3.260%
13	13.780	1814	1818	1825	rVB	159018	220511	17.45%	1.315%
14	14.010	1851	1857	1873	rBB	452999	673303	53.28%	4.015%
15	14.321	1904	1910	1917	rBB2	371408	551431	43.64%	3.288%
16	14.539	1941	1947	1961	rBV	132326	205490	16.26%	1.225%
17	15.174	2051	2055	2061	rVB	17767	20909	1.65%	0.125%
18	15.316	2071	2079	2085	rBV	606991	874522	69.21%	5.215%
19	15.445	2097	2101	2108	rBV	151687	204912	16.22%	1.222%
20	16.039	2197	2202	2214	rBV3	23455	47823	3.78%	0.285%
21	16.380	2251	2260	2264	rBV4	6859	14467	1.14%	0.086%
22	16.827	2332	2336	2341	rVV	18188	23694	1.88%	0.141%
23	16.886	2341	2346	2350	rVB3	9755	14457	1.14%	0.086%
24	17.068	2371	2377	2381	rBV2	468576	671510	53.14%	4.004%
25	17.110	2381	2384	2389	rVV	177404	247260	19.57%	1.474%
26	17.168	2389	2394	2406	rVB2	675329	970236	76.78%	5.785%
27	17.945	2521	2526	2531	rVV	62561	91146	7.21%	0.543%
28	17.992	2531	2534	2540	rVV	73685	98858	7.82%	0.589%
29	18.080	2544	2549	2553	rVV	11412	18032	1.43%	0.108%
30	18.139	2553	2559	2563	rVV2	77102	141256	11.18%	0.842%
31	18.180	2563	2566	2572	rVB	51764	68093	5.39%	0.406%
32	18.451	2607	2612	2616	rBV	32792	43390	3.43%	0.259%
33	18.498	2616	2620	2626	rVB2	28223	39698	3.14%	0.237%
34	18.698	2651	2654	2659	rVV	17909	24356	1.93%	0.145%

LSC Area Percent Report

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Acq On : 13 Jan 2016 04:30
Operator : SJ/UM
Sample : H1095-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9B5

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	18.751	2659	2663	2667	rVV	21869	27570	2.18%	0.164%
36	18.786	2667	2669	2675	rVB3	12971	16167	1.28%	0.096%
37	18.874	2678	2684	2689	rBV	64213	103719	8.21%	0.618%
38	18.933	2689	2694	2697	rVV3	28687	56386	4.46%	0.336%
39	18.962	2697	2699	2703	rVB	19821	21916	1.73%	0.131%
40	19.015	2703	2708	2716	rBV3	28144	58914	4.66%	0.351%
41	19.139	2724	2729	2735	rVB	380303	493948	39.09%	2.945%
42	19.203	2736	2740	2743	rBV	11872	14770	1.17%	0.088%
43	19.239	2743	2746	2751	rVB2	17954	24363	1.93%	0.145%
44	19.339	2757	2763	2766	rBV4	10083	17000	1.35%	0.101%
45	19.474	2780	2786	2789	rBV	881654	1263621	100.00%	7.535%
46	19.503	2789	2791	2799	rVB	433761	504019	39.89%	3.005%
47	19.580	2799	2804	2809	rVB3	26648	41788	3.31%	0.249%
48	19.680	2815	2821	2828	rVB2	11205	21392	1.69%	0.128%
49	19.739	2828	2831	2837	rVB3	16554	26308	2.08%	0.157%
50	19.827	2841	2846	2854	rBV2	40951	97776	7.74%	0.583%
51	19.968	2865	2870	2872	rBV4	34667	56747	4.49%	0.338%
52	19.998	2872	2875	2885	rVB	72527	115532	9.14%	0.689%
53	20.103	2889	2893	2897	rBV	43199	50656	4.01%	0.302%
54	20.162	2897	2903	2907	rBV2	68731	96589	7.64%	0.576%
55	20.303	2922	2927	2930	rBV	53294	66687	5.28%	0.398%
56	20.345	2930	2934	2938	rVB	49369	65688	5.20%	0.392%
57	20.468	2950	2955	2959	rVB5	10095	17064	1.35%	0.102%
58	20.562	2967	2971	2973	rBV3	10243	16269	1.29%	0.097%
59	20.627	2980	2982	2987	rVB2	12162	15604	1.23%	0.093%
60	20.715	2992	2997	3000	rBV4	13043	23132	1.83%	0.138%
61	20.756	3000	3004	3010	rVB	38907	62456	4.94%	0.372%
62	20.845	3016	3019	3023	rVB	13561	18341	1.45%	0.109%
63	20.921	3023	3032	3035	rBV3	42261	83970	6.65%	0.501%
64	20.956	3035	3038	3040	rBV	40607	43992	3.48%	0.262%
65	20.992	3040	3044	3050	rVB3	35595	67016	5.30%	0.400%
66	21.050	3050	3054	3061	rVB2	34861	61635	4.88%	0.368%
67	21.186	3074	3077	3081	rVB2	19246	24653	1.95%	0.147%
68	21.274	3084	3092	3096	rBV2	668702	1129554	89.39%	6.735%
69	21.309	3096	3098	3108	rVB	236868	279818	22.14%	1.668%
70	21.392	3108	3112	3114	rBV3	14495	18026	1.43%	0.107%
71	21.427	3114	3118	3124	rBV3	28555	38870	3.08%	0.232%

LSC Area Percent Report

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Sample : H1095-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9B5

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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Peak separation: 5

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

72	21.486	3124	3128	3129	rBV2	11169	13618	1.08%	0.081%
73	21.592	3140	3146	3150	rBV4	18588	36003	2.85%	0.215%
74	21.633	3150	3153	3158	rVB3	14050	17019	1.35%	0.101%
75	21.768	3172	3176	3179	rVV2	17257	24244	1.92%	0.145%
76	21.827	3179	3186	3189	rVV	64846	123129	9.74%	0.734%
77	21.874	3189	3194	3200	rVV2	56671	113324	8.97%	0.676%
78	21.939	3201	3205	3208	rVV2	27427	48118	3.81%	0.287%
79	21.974	3208	3211	3215	rVV2	22902	41293	3.27%	0.246%
80	22.021	3215	3219	3222	rVV	42634	66030	5.23%	0.394%
81	22.050	3222	3224	3231	rVV3	28140	39041	3.09%	0.233%
82	22.121	3231	3236	3241	rVB3	21009	33242	2.63%	0.198%
83	22.309	3264	3268	3272	rBV4	17808	29990	2.37%	0.179%
84	22.444	3283	3291	3293	rBV6	15300	34274	2.71%	0.204%
85	22.592	3311	3316	3320	rVB5	11916	22533	1.78%	0.134%
86	22.839	3349	3358	3364	rBV2	125046	376539	29.80%	2.245%
87	23.009	3383	3387	3392	rVB	21529	33181	2.63%	0.198%
88	23.315	3433	3439	3442	rBV	72992	127431	10.08%	0.760%
89	23.368	3442	3448	3453	rVV	479157	895142	70.84%	5.338%
90	23.409	3453	3455	3463	rVB	121740	175255	13.87%	1.045%
91	23.509	3465	3472	3478	rBV	309679	588898	46.60%	3.511%
92	24.009	3551	3557	3568	rVB2	50032	114214	9.04%	0.681%
93	24.374	3615	3619	3630	rVB5	10394	26260	2.08%	0.157%
94	24.750	3677	3683	3691	rVB	18038	37284	2.95%	0.222%
95	25.515	3808	3813	3819	rVB4	6792	16049	1.27%	0.096%
96	25.609	3824	3829	3838	rVB3	13265	31943	2.53%	0.190%
97	25.750	3845	3853	3863	rVB	42821	120926	9.57%	0.721%
98	26.438	3962	3970	3984	rVB	32270	97580	7.72%	0.582%
99	26.627	3996	4002	4010	rVB6	7825	23672	1.87%	0.141%
100	26.803	4027	4032	4040	rBV3	6282	16842	1.33%	0.100%

Sum of corrected areas: 16770726

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Sample : H1095-07
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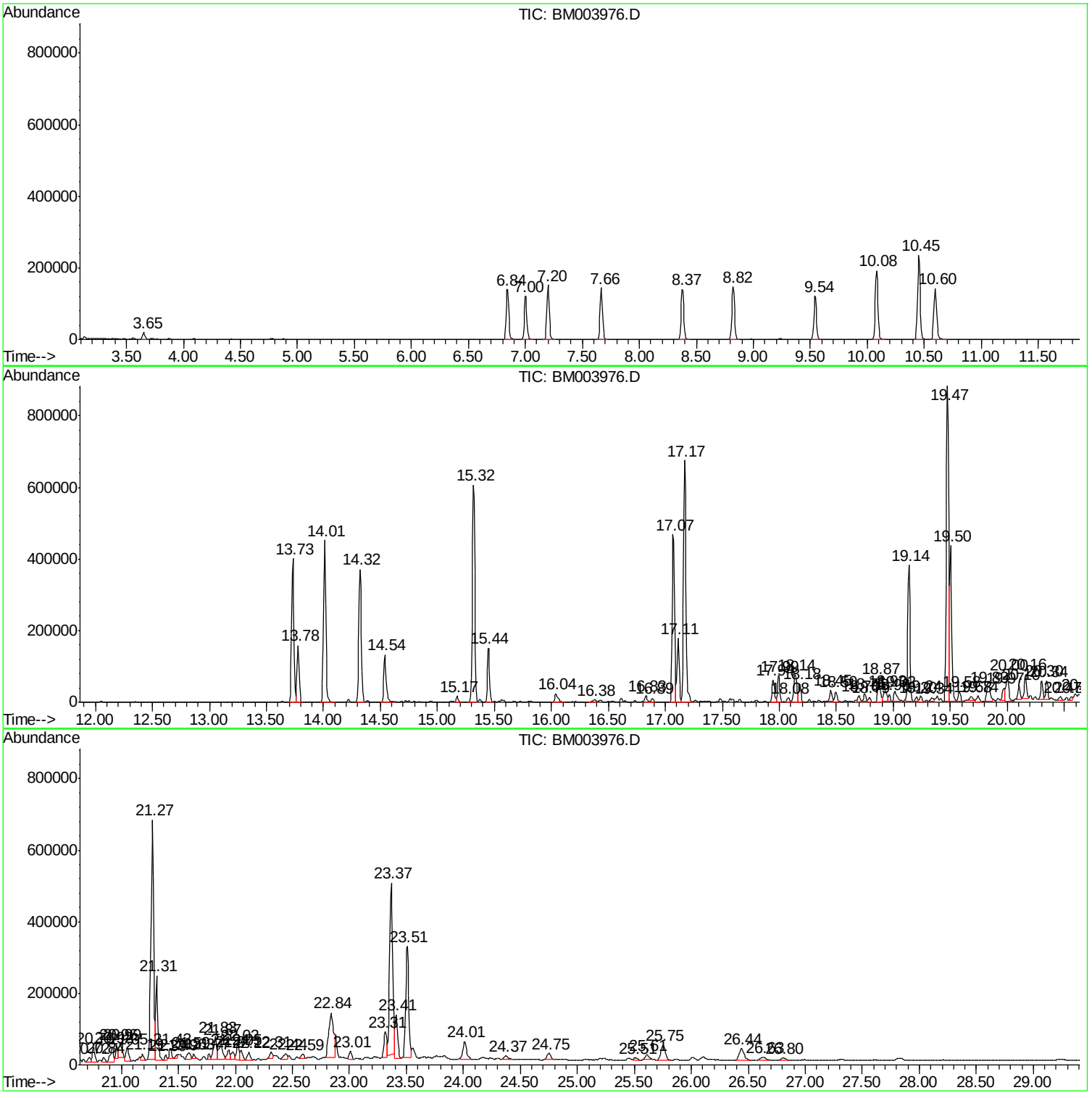
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC9B5

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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Data File : BM003976.D
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Sample : H1095-07
Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

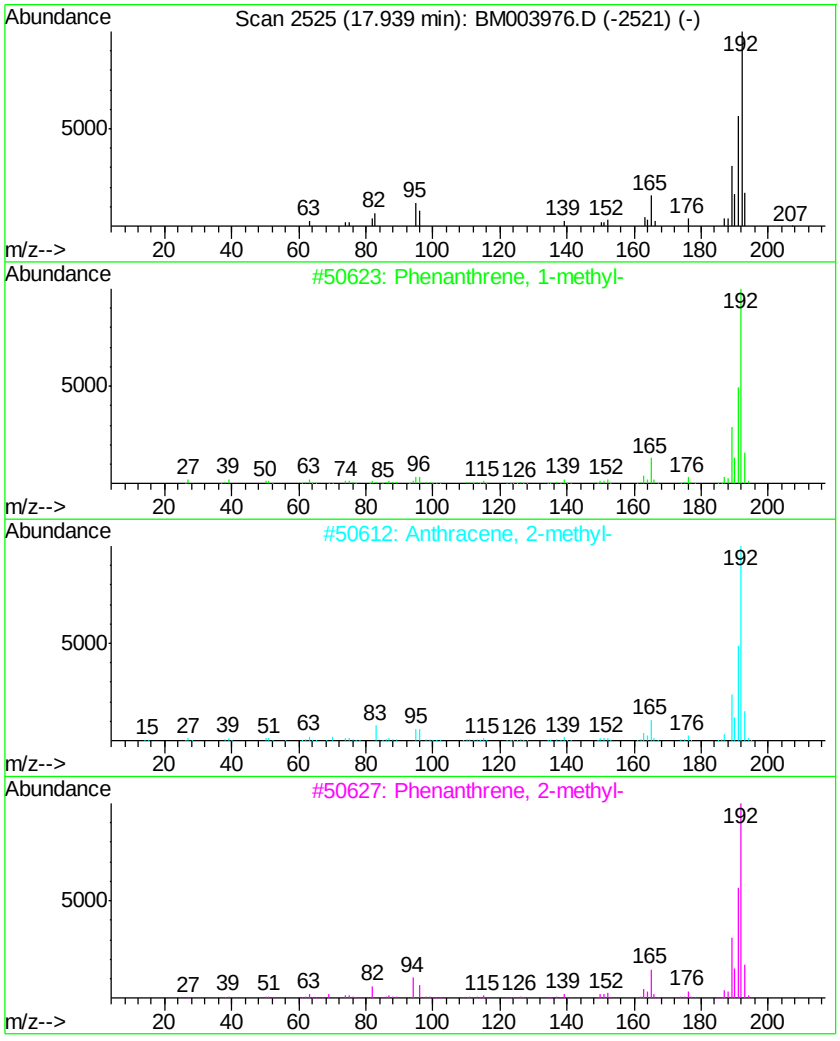
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

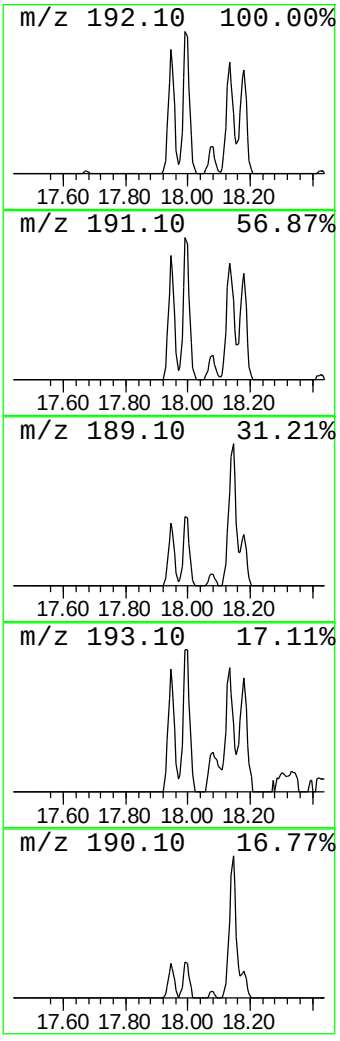
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.71 ng/ul	91146	Phenanthrene-d10	17.07

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
Data File : BM003976.D
Acq On : 13 Jan 2016 04:30
Operator : SJ/UM
Sample : H1095-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9B5

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

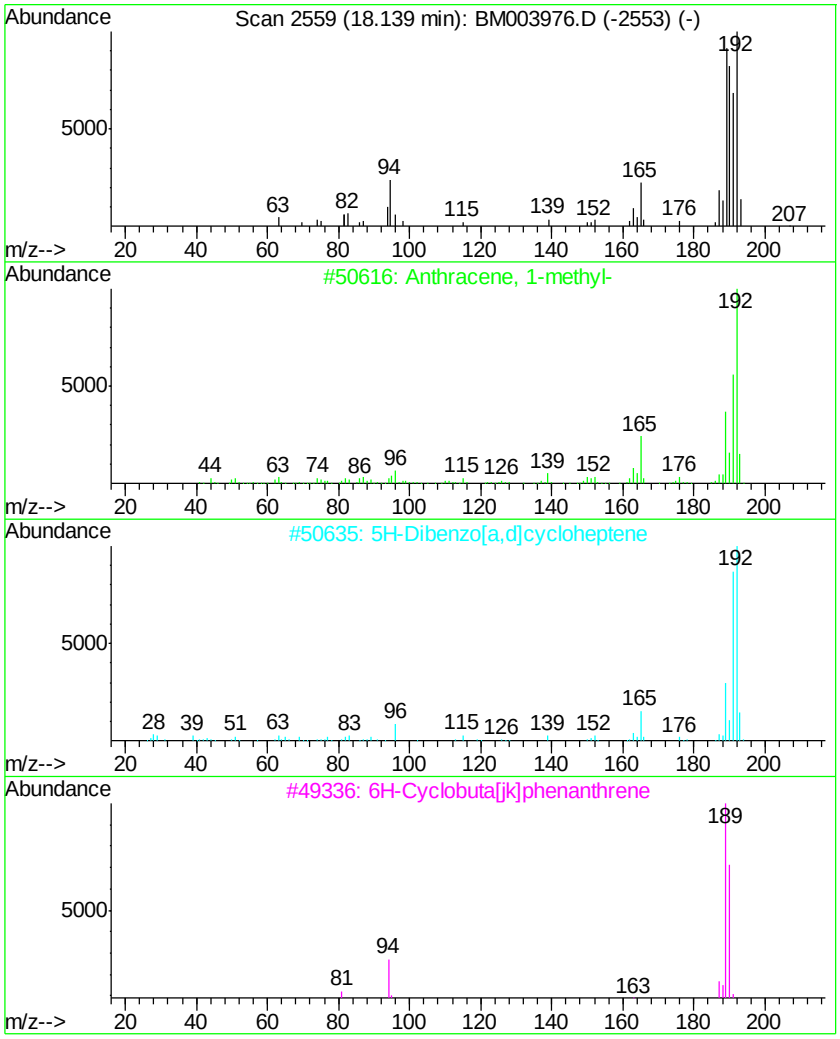
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

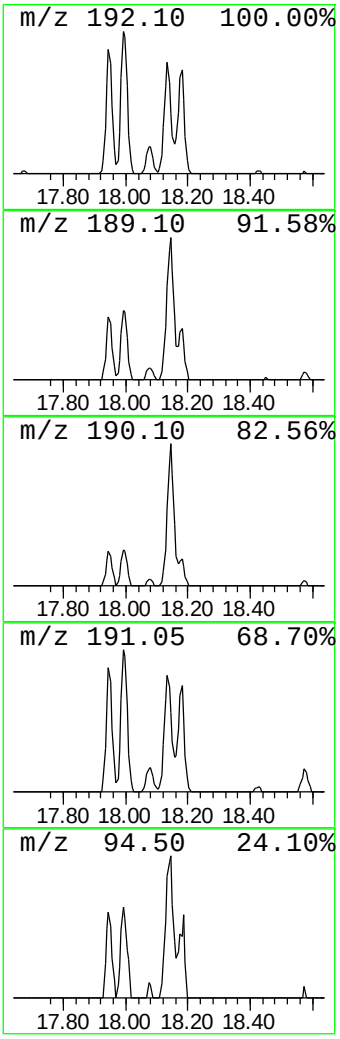
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	4.21 ng/ul	141256	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	62
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
Data File : BM003976.D
Acq On : 13 Jan 2016 04:30
Operator : SJ/UM
Sample : H1095-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9B5

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

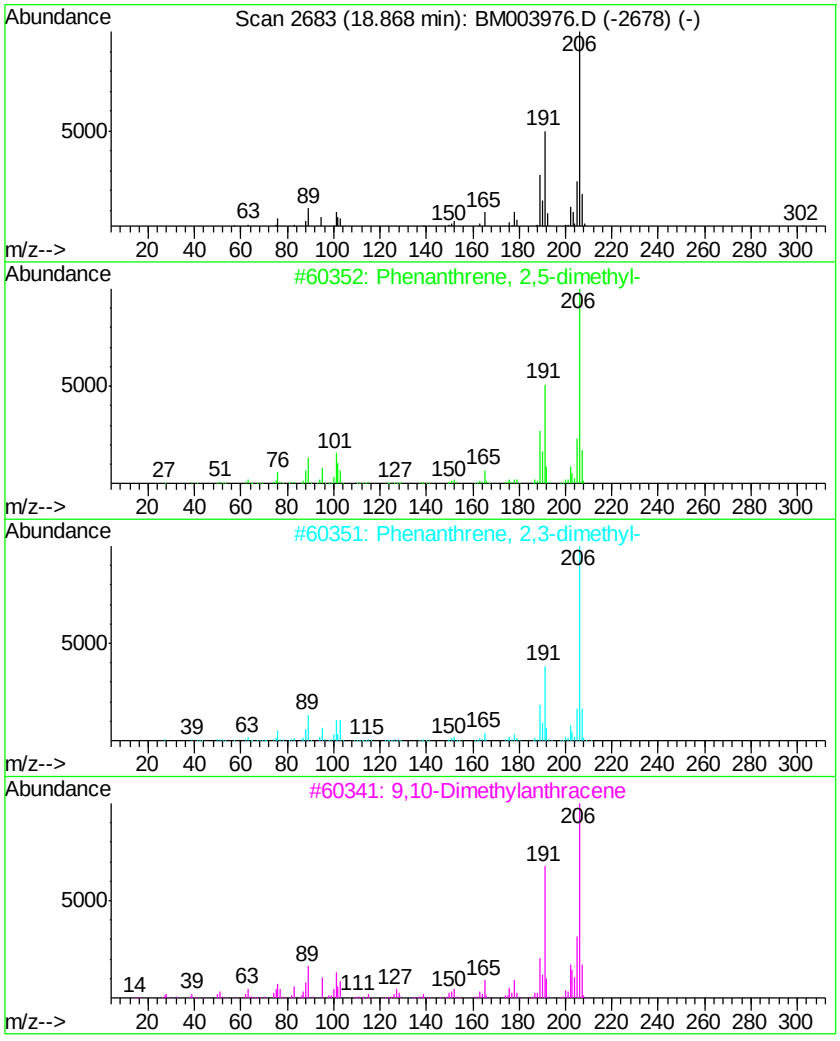
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

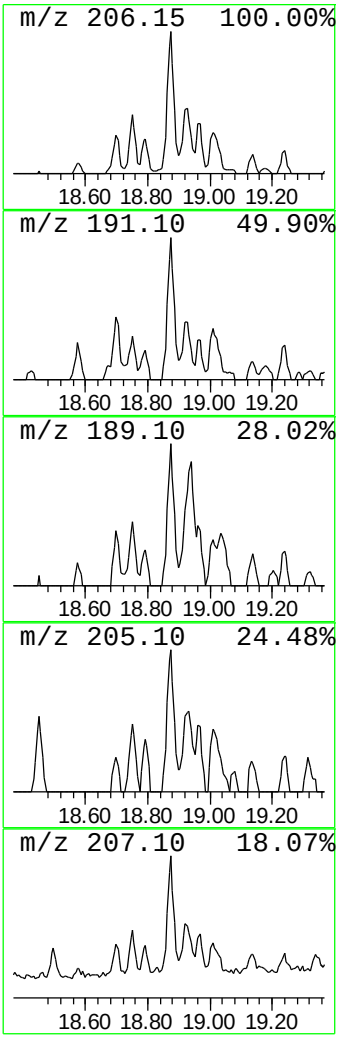
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	3.09 ng/ul	103719	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	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
Data File : BM003976.D
Acq On : 13 Jan 2016 04:30
Operator : SJ/UM
Sample : H1095-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9B5

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

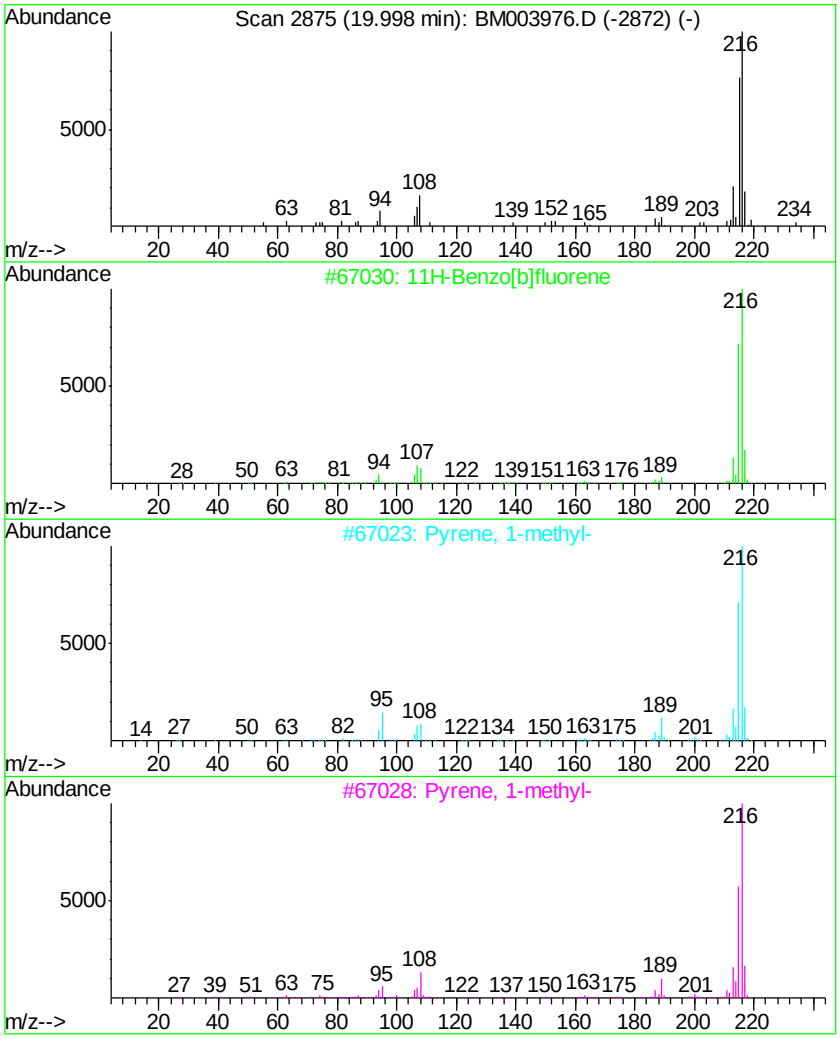
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

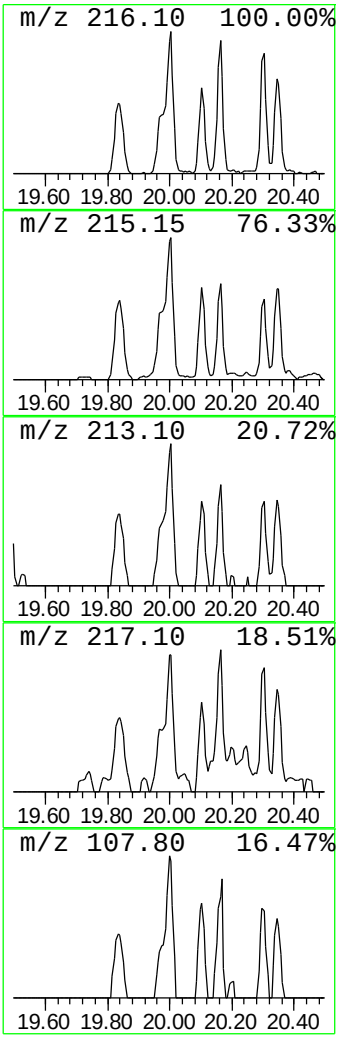
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.05 ng/ul	115532	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
Data File : BM003976.D
Acq On : 13 Jan 2016 04:30
Operator : SJ/UM
Sample : H1095-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9B5

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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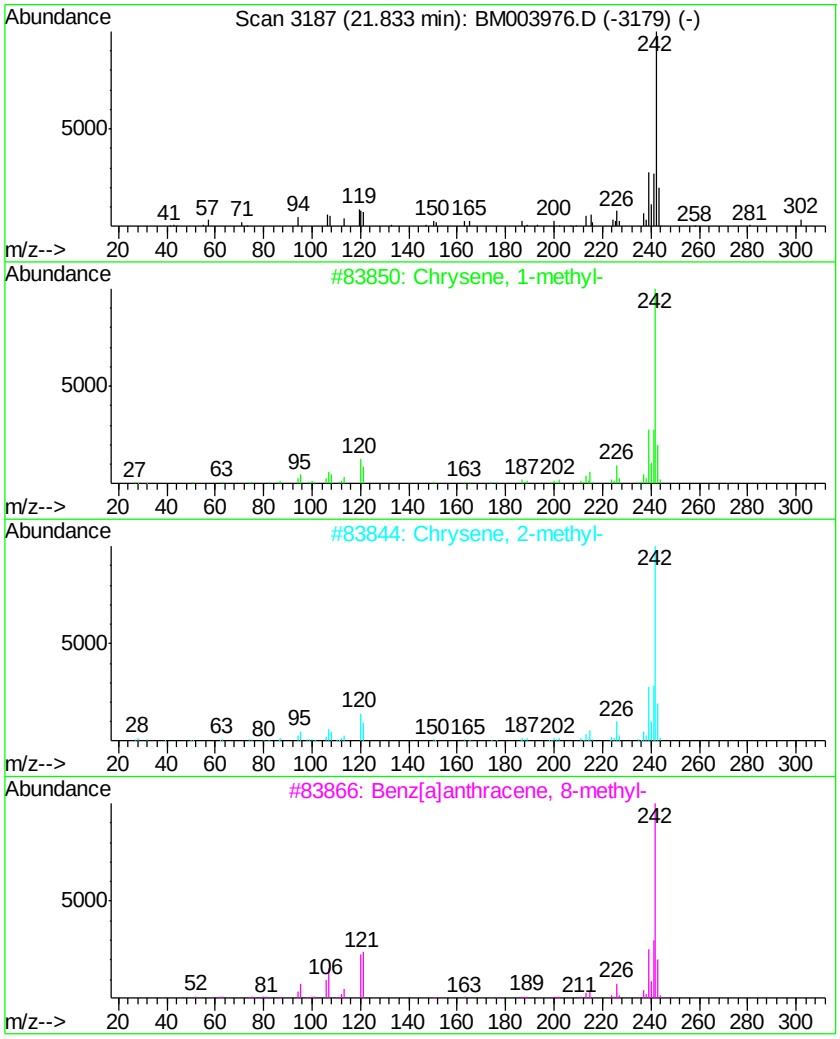
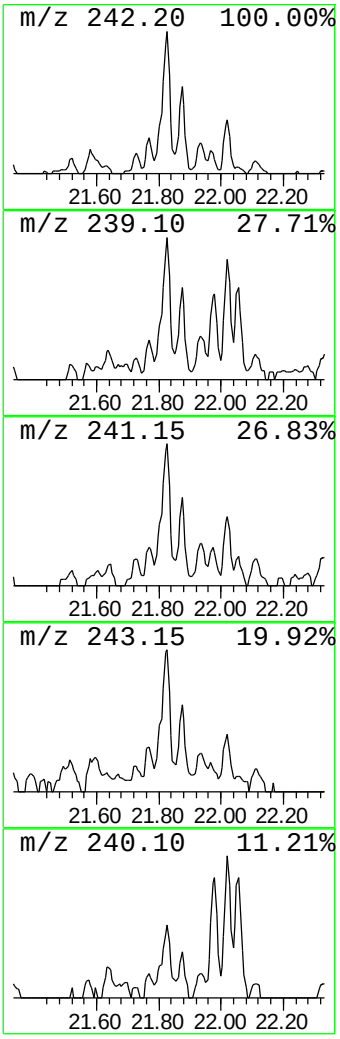
Peak Number 8 Chrysene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.18 ng/ul	123129	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
2	Chrysene, 2-methyl-	242	C19H14	003351-32-4	97
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	96
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	96
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93





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Data File : BM003976.D
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Operator : SJ/UM
Sample : H1095-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9B5

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

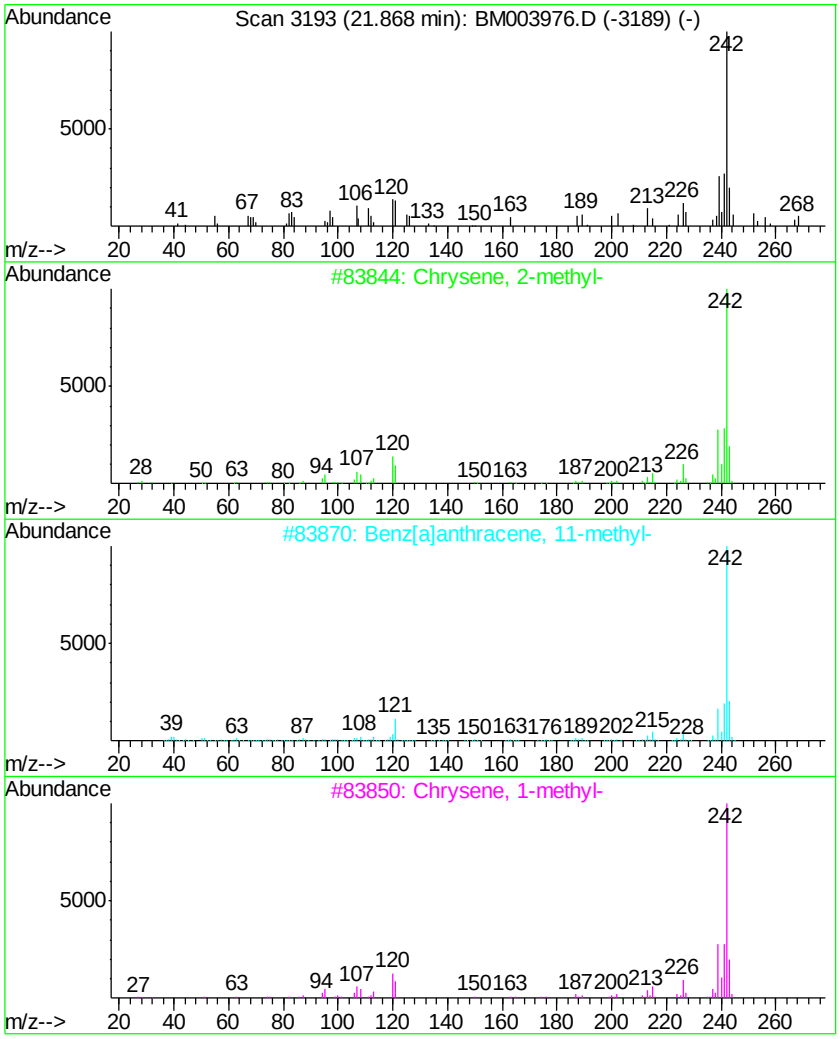
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

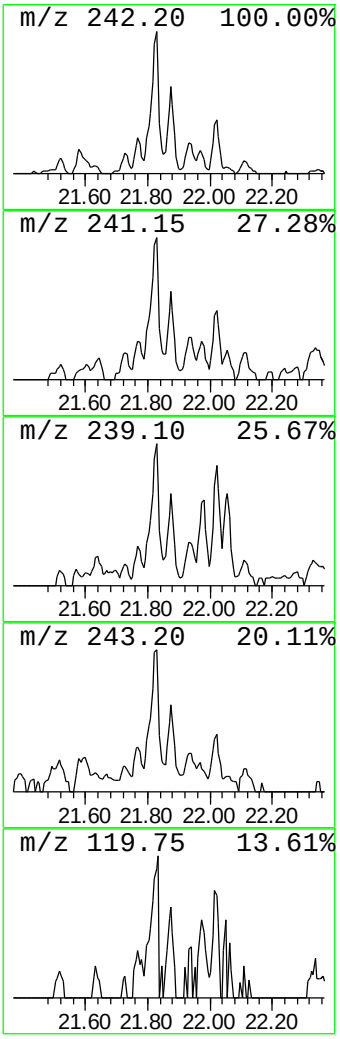
****

Peak Number 9 Chrysene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.01 ng/ul	113324	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, 11-methyl-	242	C19H14	006111-78-0	81
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
4	Benz[a]anthracene, 9-methyl-	242	C19H14	002381-16-0	81
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
Data File : BM003976.D
Acq On : 13 Jan 2016 04:30
Operator : SJ/UM
Sample : H1095-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9B5

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

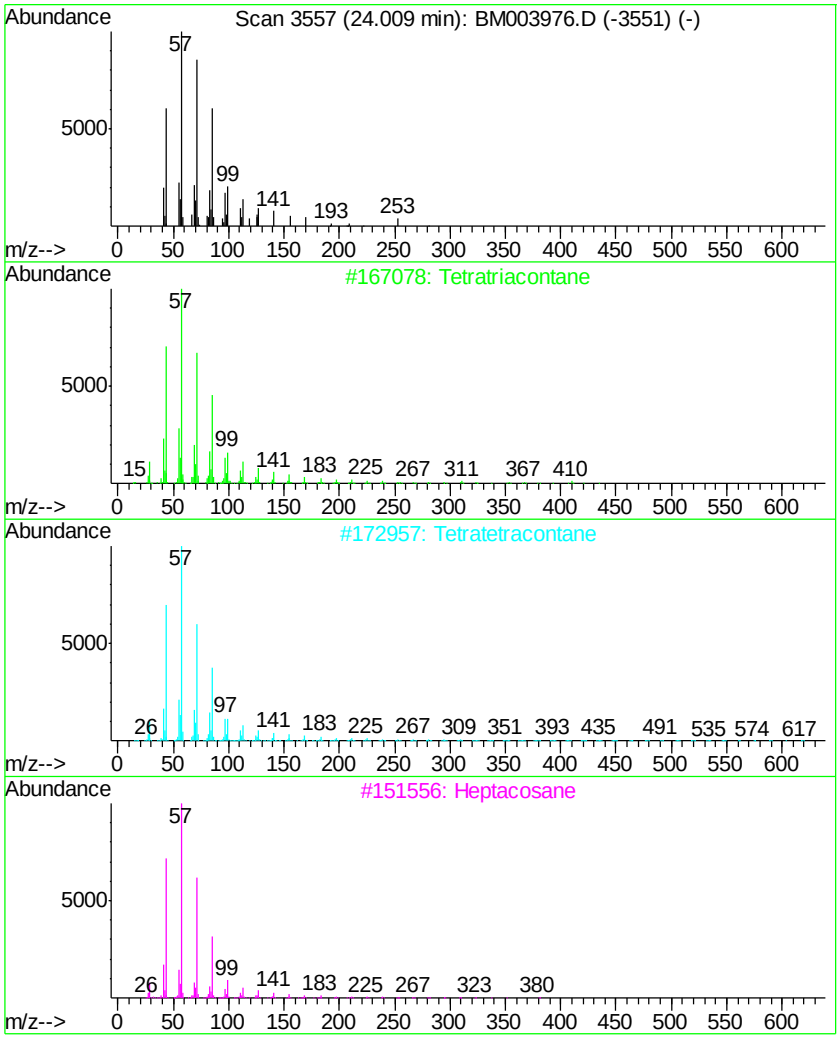
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

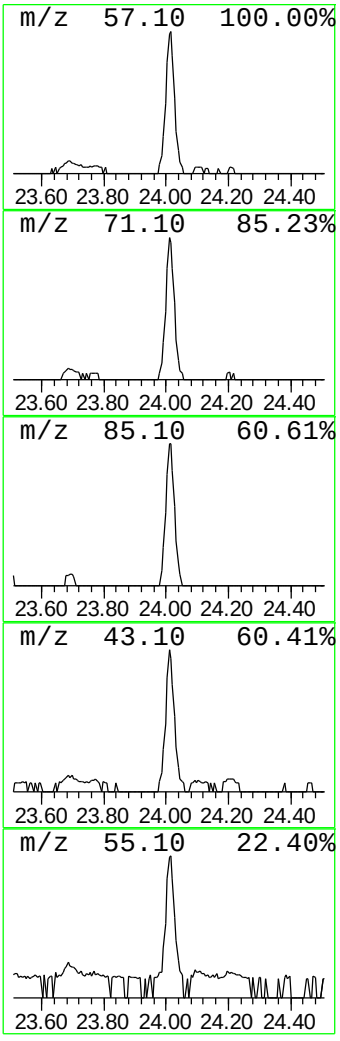
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	3.88 ng/ul	114214	Perylene-d12	23.51

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	Heptacosane	380	C27H56	000593-49-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011316\
Data File : BM003976.D
Acq On : 13 Jan 2016 04:30
Operator : SJ/UM
Sample : H1095-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9B5

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
Phenanthrene, 1-m...	17.94	2.7	ng/ul	91146	4	17.07	671510	20.0
Anthracene, 1-met...	18.14	4.2	ng/ul	141256	4	17.07	671510	20.0
Phenanthrene, 2,5...	18.87	3.1	ng/ul	103719	4	17.07	671510	20.0
11H-Benzo[b]fluorene	20.00	2.0	ng/ul	115532	5	21.27	1129550	20.0
Chrysene, 1-methyl-	21.83	2.2	ng/ul	123129	5	21.27	1129550	20.0
Chrysene, 2-methyl-	21.87	2.0	ng/ul	113324	5	21.27	1129550	20.0
(DEL) Alkane: Str...	24.01	3.9	ng/ul	114214	6	23.51	588898	20.0