

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
 Data File : BM004009.D
 Acq On : 14 Jan 2016 06:25
 Operator : SJ/UM
 Sample : H1098-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC964

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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	3.128	3	7	18	rVB	6930	9577	0.82%	0.068%
2	6.840	633	638	652	rBB	147061	233620	20.04%	1.666%
3	6.998	660	665	676	rBB	127645	191035	16.39%	1.363%
4	7.198	693	699	708	rBB	162782	247575	21.24%	1.766%
5	7.663	772	778	785	rBB	175606	263097	22.57%	1.877%
6	8.375	893	899	910	rBB	196558	300037	25.74%	2.140%
7	8.822	969	975	984	rBB	156187	245893	21.09%	1.754%
8	9.539	1092	1097	1104	rBV	130370	206178	17.69%	1.471%
9	10.080	1183	1189	1199	rBV	201038	330589	28.36%	2.358%
10	10.451	1245	1252	1264	rBB	268070	438812	37.64%	3.130%
11	10.592	1270	1276	1293	rBB	187786	310920	26.67%	2.218%
12	13.463	1760	1764	1776	rBB	5327	9828	0.84%	0.070%
13	13.727	1804	1809	1814	rBV	381199	547945	47.00%	3.908%
14	13.774	1814	1817	1825	rVB	240907	317435	27.23%	2.264%
15	14.010	1851	1857	1869	rBV	477712	687723	58.99%	4.905%
16	14.216	1888	1892	1896	rBB	16381	20347	1.75%	0.145%
17	14.321	1903	1910	1917	rBB2	401764	598866	51.37%	4.271%
18	14.539	1942	1947	1965	rBV	114560	183288	15.72%	1.307%
19	15.174	2051	2055	2061	rVB	29054	36461	3.13%	0.260%
20	15.315	2073	2079	2085	rBV	619715	867350	74.40%	6.186%
21	15.451	2097	2102	2108	rBV	125483	168802	14.48%	1.204%
22	15.562	2115	2121	2122	rBV2	8780	12610	1.08%	0.090%
23	16.039	2197	2202	2214	rBV	33810	66082	5.67%	0.471%
24	16.380	2251	2260	2263	rBV3	5434	11500	0.99%	0.082%
25	16.792	2326	2330	2332	rBV2	9349	9730	0.83%	0.069%
26	16.827	2332	2336	2340	rVV	19482	23266	2.00%	0.166%
27	16.886	2340	2346	2351	rVB3	5983	10697	0.92%	0.076%
28	17.068	2371	2377	2382	rBV2	491711	715113	61.34%	5.100%
29	17.109	2382	2384	2389	rVV	75300	90118	7.73%	0.643%
30	17.168	2389	2394	2407	rVV2	665713	963538	82.65%	6.872%
31	17.562	2456	2461	2464	rVV3	6767	9409	0.81%	0.067%
32	17.945	2521	2526	2531	rBV	28539	50892	4.37%	0.363%
33	17.992	2531	2534	2539	rVB	34770	45176	3.88%	0.322%
34	18.074	2544	2548	2553	rVV2	8024	11537	0.99%	0.082%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
 Data File : BM004009.D
 Acq On : 14 Jan 2016 06:25
 Operator : SJ/UM
 Sample : H1098-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC964

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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	18.133	2553	2558	2563	rVV2	39176	72209	6.19%	0.515%
36	18.174	2563	2565	2571	rVB	24597	32105	2.75%	0.229%
37	18.451	2605	2612	2616	rBV2	14025	19525	1.67%	0.139%
38	18.492	2616	2619	2627	rVB2	14199	20529	1.76%	0.146%
39	18.698	2651	2654	2659	rVV2	8128	9081	0.78%	0.065%
40	18.751	2659	2663	2666	rVV	9569	10610	0.91%	0.076%
41	18.792	2666	2670	2676	rVB2	6320	8735	0.75%	0.062%
42	18.874	2678	2684	2689	rBV	36304	61032	5.24%	0.435%
43	18.933	2689	2694	2697	rVV3	17544	34126	2.93%	0.243%
44	18.962	2697	2699	2703	rVB	11383	12601	1.08%	0.090%
45	19.015	2703	2708	2716	rBV3	15835	32649	2.80%	0.233%
46	19.103	2720	2723	2724	rBV	7589	7385	0.63%	0.053%
47	19.133	2724	2728	2734	rVB	146915	197817	16.97%	1.411%
48	19.239	2743	2746	2751	rVB	9529	12096	1.04%	0.086%
49	19.345	2757	2764	2765	rBV3	4721	7490	0.64%	0.053%
50	19.474	2780	2786	2790	rBV	792396	1165745	100.00%	8.315%
51	19.503	2790	2791	2799	rVB	199265	163907	14.06%	1.169%
52	19.580	2799	2804	2810	rVB2	15384	25191	2.16%	0.180%
53	19.739	2828	2831	2837	rVB3	10032	16196	1.39%	0.116%
54	19.833	2841	2847	2857	rBV5	22286	55866	4.79%	0.398%
55	19.968	2865	2870	2871	rBV2	17871	22582	1.94%	0.161%
56	19.997	2872	2875	2883	rVB2	33712	58287	5.00%	0.416%
57	20.103	2889	2893	2897	rVV	21089	27215	2.33%	0.194%
58	20.162	2897	2903	2906	rVV	37287	55168	4.73%	0.393%
59	20.197	2908	2909	2914	rVV4	6730	9917	0.85%	0.071%
60	20.303	2921	2927	2931	rVV	31631	42396	3.64%	0.302%
61	20.350	2931	2935	2939	rVV	28984	38158	3.27%	0.272%
62	20.386	2939	2941	2947	rVB5	7521	11854	1.02%	0.085%
63	20.462	2949	2954	2958	rVB5	5276	8819	0.76%	0.063%
64	20.515	2958	2963	2967	rBV4	6662	9675	0.83%	0.069%
65	20.562	2967	2971	2974	rBV3	6749	10782	0.92%	0.077%
66	20.603	2974	2978	2980	rVV3	7947	11684	1.00%	0.083%
67	20.627	2980	2982	2987	rVV	10258	11510	0.99%	0.082%
68	20.721	2993	2998	3001	rBV4	7493	16563	1.42%	0.118%
69	20.756	3001	3004	3011	rVB	22328	32881	2.82%	0.235%
70	20.844	3015	3019	3024	rVB	9184	10346	0.89%	0.074%
71	20.921	3024	3032	3035	rBV5	20299	41591	3.57%	0.297%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
 Data File : BM004009.D
 Acq On : 14 Jan 2016 06:25
 Operator : SJ/UM
 Sample : H1098-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC964

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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

72	20.980	3035	3042	3051	rVV5	92117	185512	15.91%	1.323%
73	21.056	3051	3055	3061	rVV3	17408	37216	3.19%	0.265%
74	21.274	3084	3092	3096	rBV2	582642	837028	71.80%	5.970%
75	21.309	3096	3098	3105	rVB	93390	114307	9.81%	0.815%
76	21.392	3108	3112	3115	rBV4	12524	17981	1.54%	0.128%
77	21.427	3115	3118	3124	rVB5	15701	23766	2.04%	0.170%
78	21.592	3141	3146	3150	rVB5	8766	16930	1.45%	0.121%
79	21.639	3150	3154	3159	rBV4	8946	13850	1.19%	0.099%
80	21.774	3173	3177	3179	rBV	6602	8813	0.76%	0.063%
81	21.827	3179	3186	3189	rBV2	32510	59479	5.10%	0.424%
82	21.874	3189	3194	3202	rVB3	22743	54559	4.68%	0.389%
83	21.980	3209	3212	3215	rVB4	6113	7527	0.65%	0.054%
84	22.021	3215	3219	3223	rBV2	21276	29773	2.55%	0.212%
85	22.121	3232	3236	3241	rVB4	10016	16925	1.45%	0.121%
86	22.315	3265	3269	3273	rBV	28027	41054	3.52%	0.293%
87	22.591	3311	3316	3320	rBV7	9226	18849	1.62%	0.134%
88	22.815	3350	3354	3356	rBV	43770	61758	5.30%	0.440%
89	23.015	3383	3388	3392	rVB	10623	17415	1.49%	0.124%
90	23.321	3434	3440	3442	rBV	33211	55828	4.79%	0.398%
91	23.374	3442	3449	3454	rVV	429166	780805	66.98%	5.569%
92	23.509	3465	3472	3479	rBV2	299790	572690	49.13%	4.085%
93	24.015	3549	3558	3569	rBV2	49742	110251	9.46%	0.786%
94	24.756	3676	3684	3692	rBV	25939	62810	5.39%	0.448%
95	25.609	3823	3829	3840	rVB3	18166	49314	4.23%	0.352%
96	25.756	3846	3854	3862	rVB2	21775	62116	5.33%	0.443%
97	26.109	3908	3914	3920	rBV3	4683	11915	1.02%	0.085%
98	26.444	3963	3971	3981	rVB2	16839	49773	4.27%	0.355%
99	26.632	3996	4003	4014	rVB6	11027	37623	3.23%	0.268%
100	27.291	4107	4115	4128	rVB8	13262	45341	3.89%	0.323%

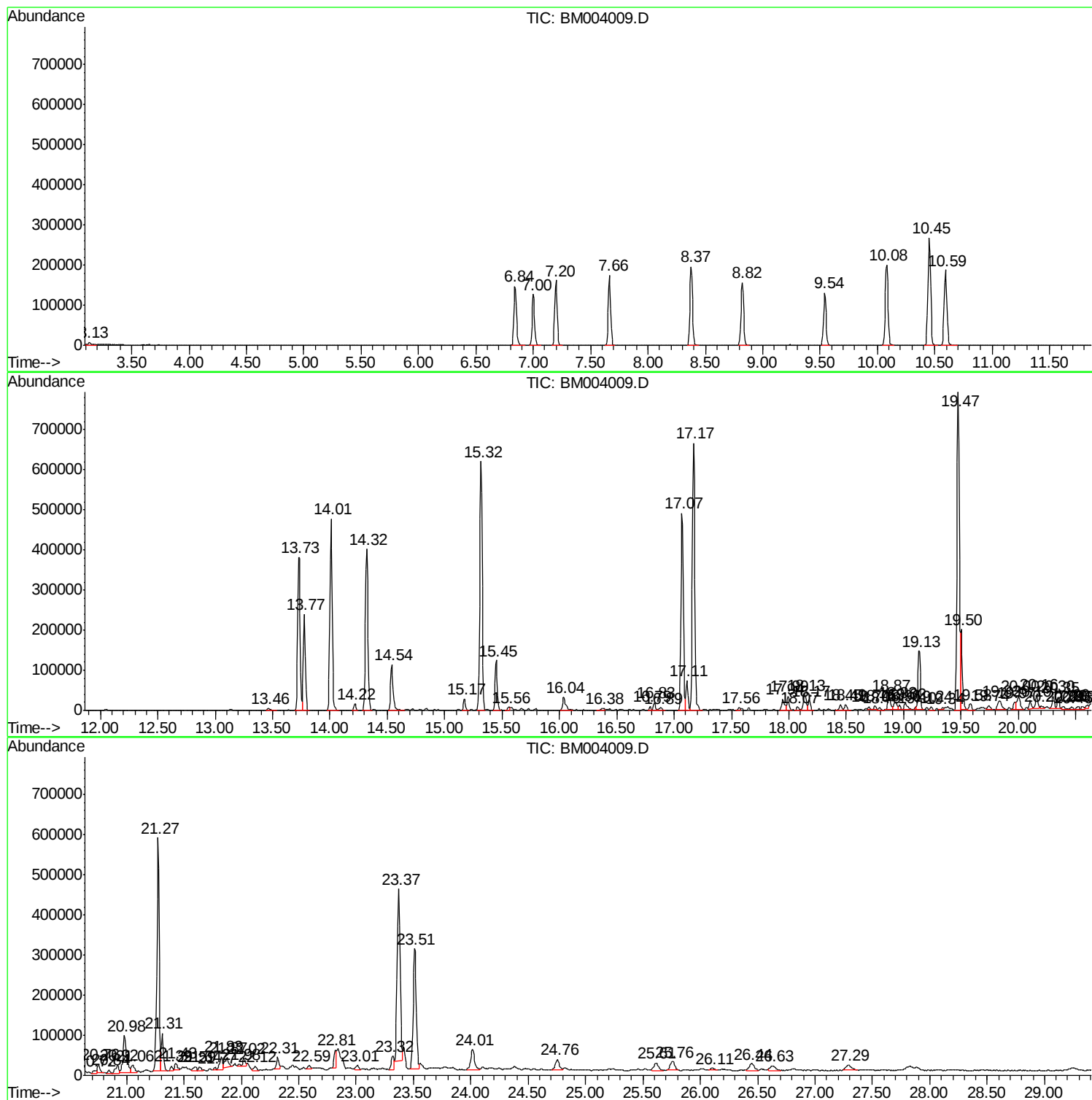
Sum of corrected areas: 14020577

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004009.D
Acq On : 14 Jan 2016 06:25
Operator : SJ/UM
Sample : H1098-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BC964

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004009.D
Acq On : 14 Jan 2016 06:25
Operator : SJ/UM
Sample : H1098-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC964

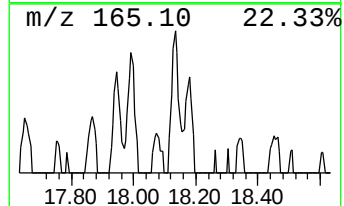
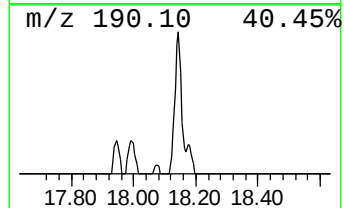
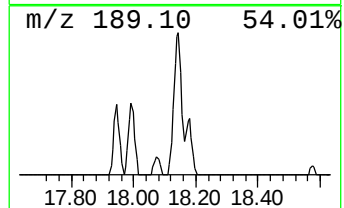
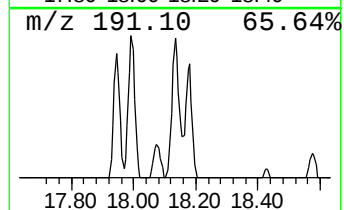
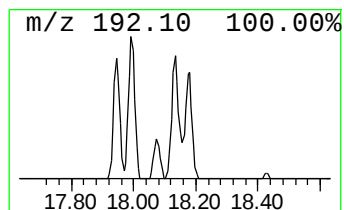
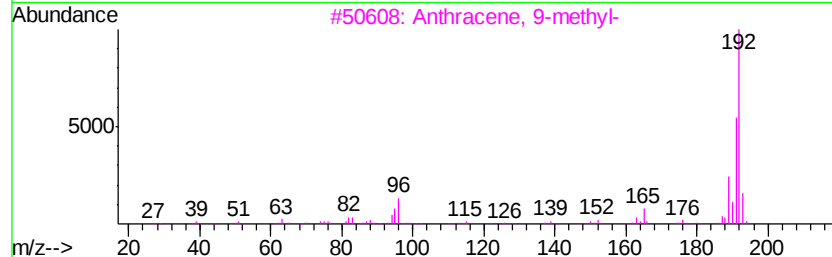
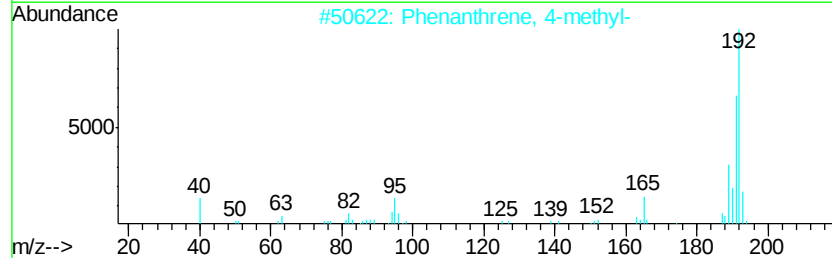
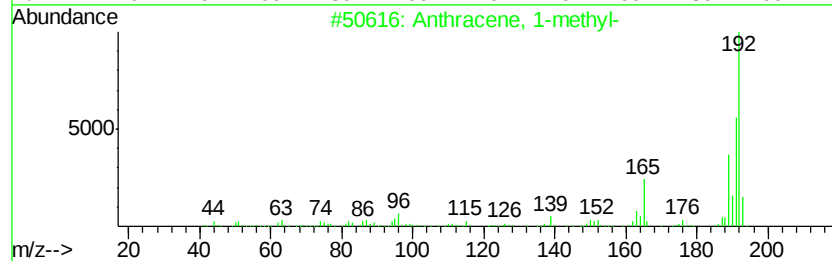
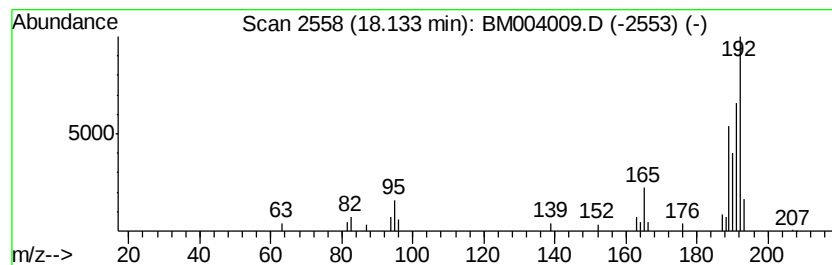
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.02 ng/ul	72209	Phenanthrene-d10	17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004009.D
Acq On : 14 Jan 2016 06:25
Operator : SJ/UM
Sample : H1098-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC964

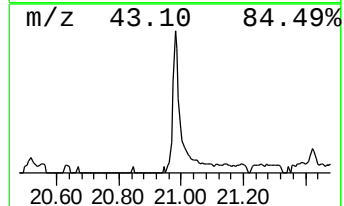
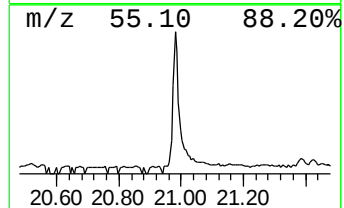
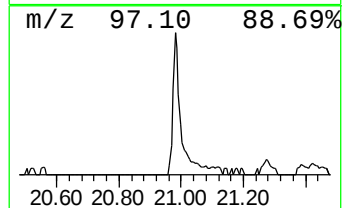
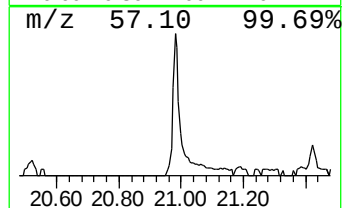
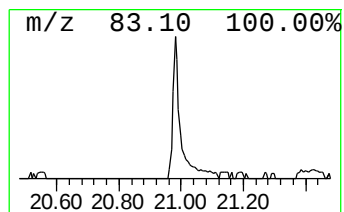
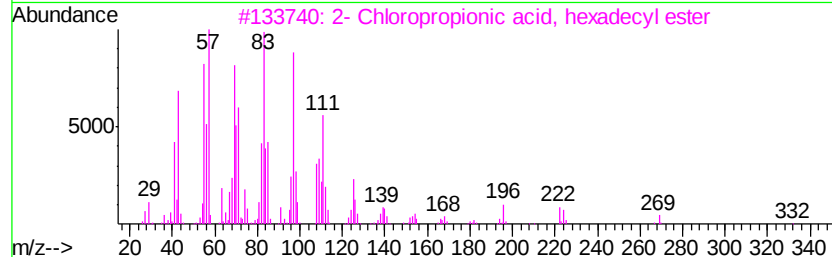
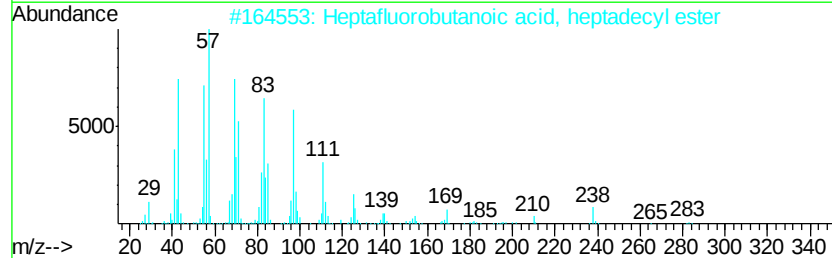
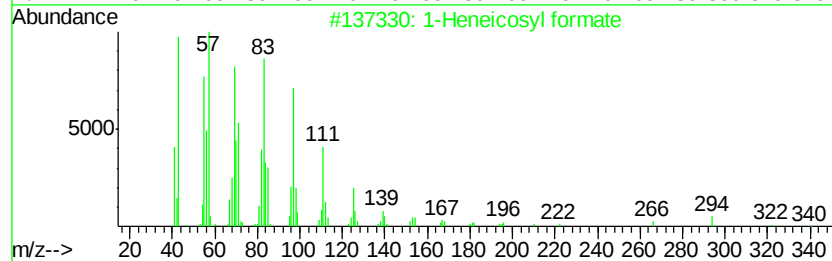
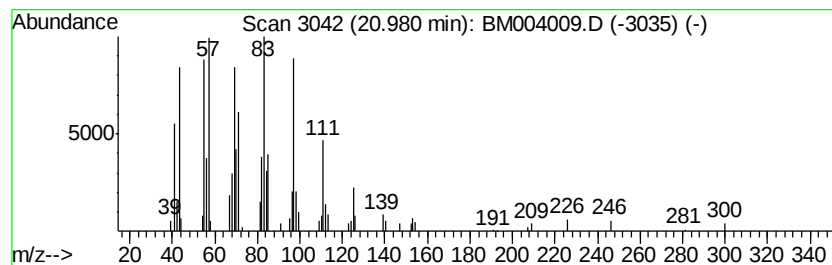
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	4.43 ng/ul	185512	Chrysene-d12	21.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94	
2	Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	94	
3	2- Chloropropionic acid, hexadecyl ester	332	C19H37ClO2	086711-81-1	94	
4	2- Chloropropionic acid, octadecyl ester	360	C21H41ClO2	088104-31-8	93	
5	Trifluoroacetic acid, n-octadecyl ester	366	C20H37F3O2	079392-43-1	91	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004009.D
Acq On : 14 Jan 2016 06:25
Operator : SJ/UM
Sample : H1098-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC964

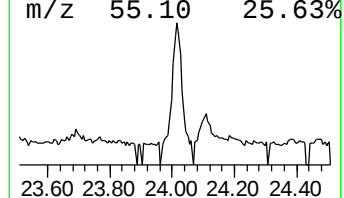
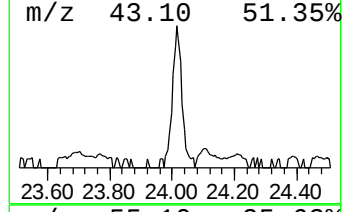
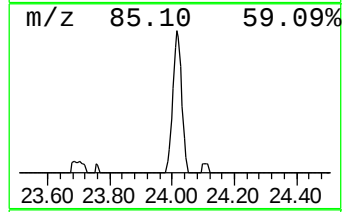
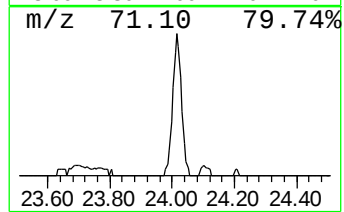
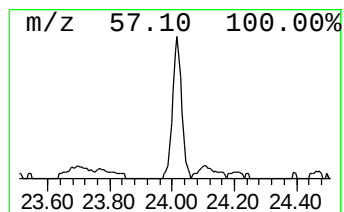
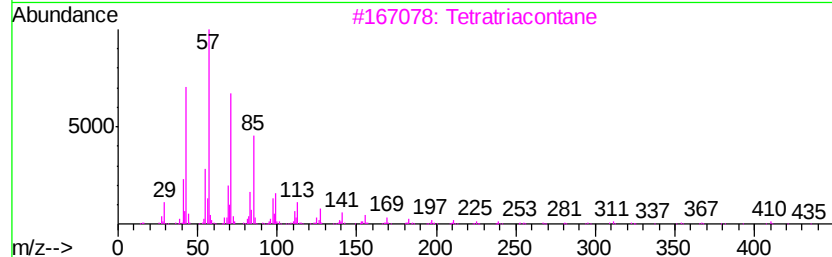
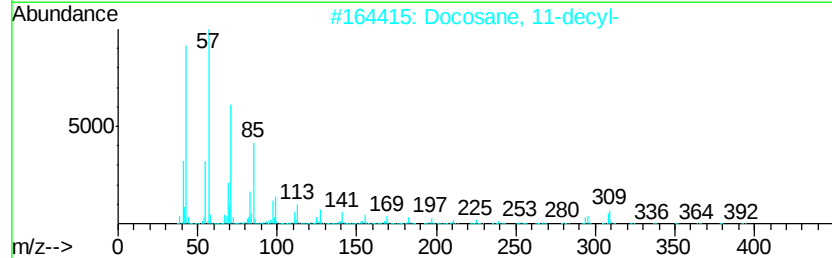
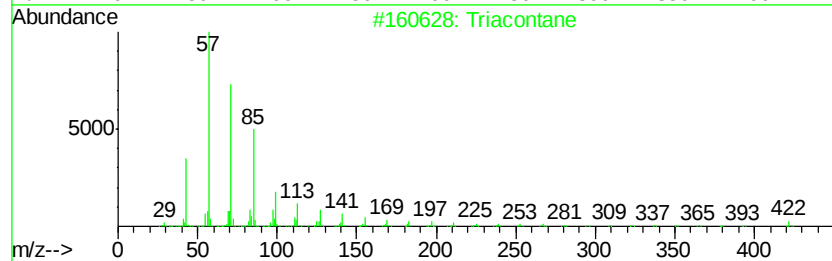
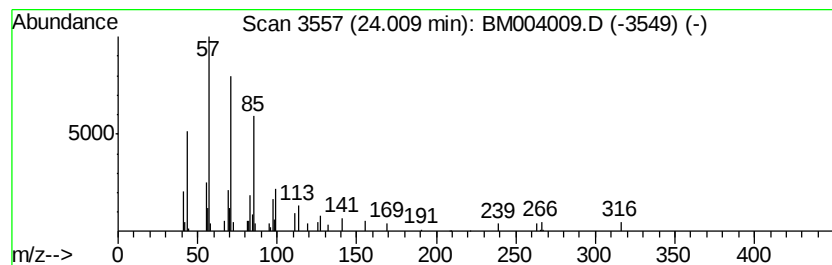
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	3.85 ng/ul	110251	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004009.D
Acq On : 14 Jan 2016 06:25
Operator : SJ/UM
Sample : H1098-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC964

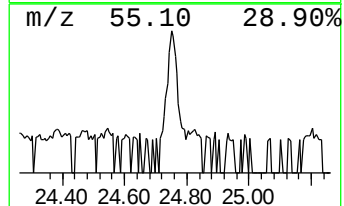
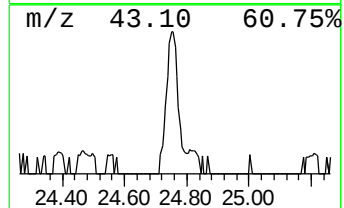
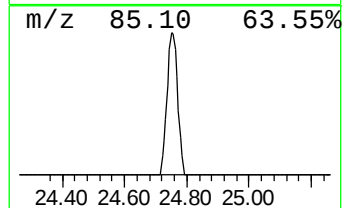
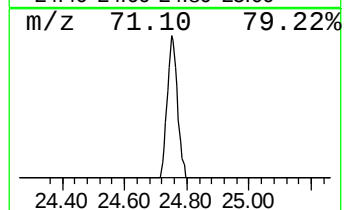
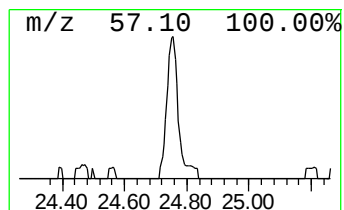
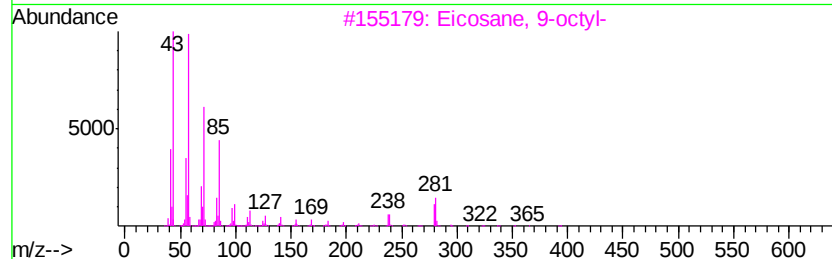
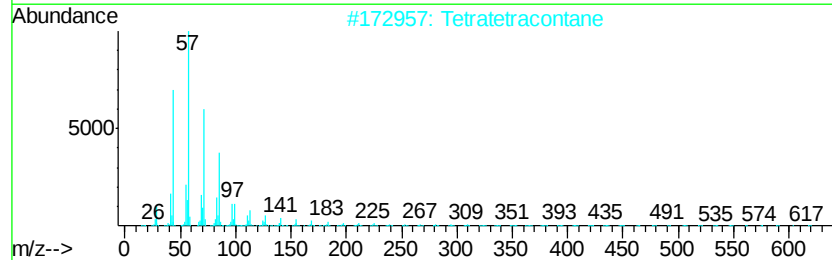
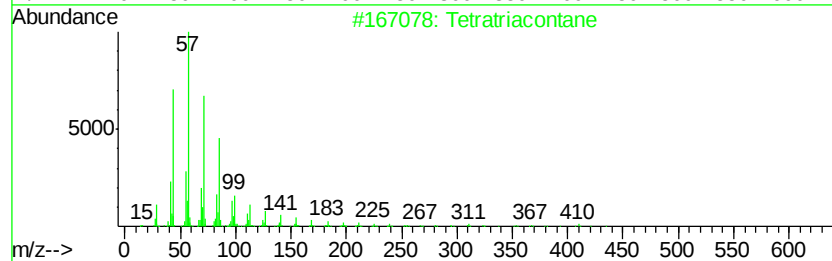
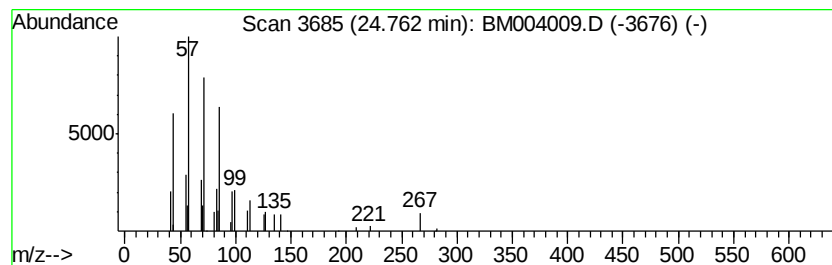
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	2.19 ng/ul	62810	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
4		Hexatriacontane	507	C36H74	000630-06-8	90
5		Tetratetracontane	619	C44H90	007098-22-8	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004009.D
Acq On : 14 Jan 2016 06:25
Operator : SJ/UM
Sample : H1098-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC964

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 1-met...	18.13	2.0	ng/ul	72209	4	17.07	715113	20.0
1-Heneicosyl formate	20.98	4.4	ng/ul	185512	5	21.27	837028	20.0
(DEL) Alkane: Str...	24.01	3.9	ng/ul	110251	6	23.51	572690	20.0
(DEL) Alkane: Str...	24.76	2.2	ng/ul	62810	6	23.51	572690	20.0