

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
 Data File : BM004603.D
 Acq On : 15 Mar 2016 18:21
 Operator : UM/SJ
 Sample : H1710-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-SS-D140

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BM031516.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	3.081	63	67	72	rVB	17849	20680	1.14%	0.099%
2	6.998	726	733	744	rBV	169265	276205	15.24%	1.324%
3	7.175	757	763	771	rBV	149371	231864	12.79%	1.111%
4	7.375	791	797	806	rVB	186273	287062	15.84%	1.376%
5	7.845	869	877	884	rVB	233750	365658	20.17%	1.752%
6	8.539	986	995	1007	rBV	201165	321282	17.73%	1.540%
7	8.998	1065	1073	1086	rBV	161158	261164	14.41%	1.252%
8	9.716	1189	1195	1204	rBV	123005	203151	11.21%	0.974%
9	10.251	1278	1286	1294	rBV	220040	357189	19.71%	1.712%
10	10.633	1345	1351	1358	rBV	315618	539623	29.77%	2.586%
11	10.769	1367	1374	1385	rBV	188188	321563	17.74%	1.541%
12	13.886	1898	1904	1908	rBV	413830	557194	30.74%	2.670%
13	13.933	1908	1912	1920	rVB	167615	225836	12.46%	1.082%
14	14.168	1946	1952	1960	rBV	452163	672981	37.13%	3.225%
15	14.304	1965	1975	1984	rVV	25703	76636	4.23%	0.367%
16	14.380	1984	1988	1994	rVV	23374	34855	1.92%	0.167%
17	14.480	1997	2005	2011	rVV2	463009	717212	39.57%	3.437%
18	14.539	2011	2015	2020	rVB	49022	68871	3.80%	0.330%
19	14.663	2030	2036	2044	rBV	134114	205181	11.32%	0.983%
20	14.892	2068	2075	2079	rVB2	32501	67264	3.71%	0.322%
21	15.333	2145	2150	2155	rVB	35158	44530	2.46%	0.213%
22	15.468	2167	2173	2179	rBV	611788	885833	48.87%	4.245%
23	15.527	2179	2183	2187	rVV	49970	67786	3.74%	0.325%
24	15.580	2187	2192	2197	rVV	137435	175379	9.68%	0.840%
25	15.962	2251	2257	2264	rVB3	10805	21352	1.18%	0.102%
26	16.192	2291	2296	2304	rBV	37955	62887	3.47%	0.301%
27	16.533	2344	2354	2358	rBV4	9964	20389	1.12%	0.098%
28	16.980	2426	2430	2435	rVV2	17896	22745	1.25%	0.109%
29	17.039	2435	2440	2446	rVB	30353	40503	2.23%	0.194%
30	17.221	2465	2471	2475	rBV	604471	893949	49.32%	4.284%
31	17.262	2475	2478	2483	rVV	591363	800743	44.18%	3.837%
32	17.321	2483	2488	2492	rVV	674095	995659	54.93%	4.771%
33	17.351	2492	2493	2500	rVV	131413	143848	7.94%	0.689%
34	17.621	2530	2539	2549	rVB2	57922	90411	4.99%	0.433%

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35	18.109	2615	2622	2625	rBV2	50664	110407	6.09%	0.529%
36	18.145	2625	2628	2633	rVB	66734	89954	4.96%	0.431%
37	18.227	2638	2642	2646	rVV	16043	24263	1.34%	0.116%
38	18.292	2647	2653	2657	rVV2	85453	145168	8.01%	0.696%
39	18.327	2657	2659	2664	rVB	32879	38980	2.15%	0.187%
40	18.598	2700	2705	2708	rBV	34988	44676	2.46%	0.214%
41	18.639	2708	2712	2716	rVB2	20057	27566	1.52%	0.132%
42	19.009	2771	2775	2780	rBV2	15370	24477	1.35%	0.117%
43	19.280	2812	2821	2829	rBV	810294	1113219	61.42%	5.335%
44	19.392	2834	2840	2848	rVV3	36188	62330	3.44%	0.299%
45	19.521	2860	2862	2866	rVB	17372	20897	1.15%	0.100%
46	19.615	2871	2878	2880	rBV2	901462	1354107	74.71%	6.489%
47	19.639	2880	2882	2891	rVV	623077	802649	44.28%	3.846%
48	19.709	2891	2894	2900	rVB2	25935	38545	2.13%	0.185%
49	19.821	2909	2913	2918	rVB	34843	45017	2.48%	0.216%
50	19.880	2918	2923	2928	rBV	22620	32098	1.77%	0.154%
51	19.950	2931	2935	2944	rBV3	57874	115837	6.39%	0.555%
52	20.103	2956	2961	2962	rBV3	21856	29036	1.60%	0.139%
53	20.133	2962	2966	2973	rVB2	93283	137998	7.61%	0.661%
54	20.239	2979	2984	2988	rBV	75014	97149	5.36%	0.466%
55	20.292	2988	2993	2997	rVV2	47970	80801	4.46%	0.387%
56	20.333	2997	3000	3004	rVV	18095	23019	1.27%	0.110%
57	20.433	3013	3017	3021	rBV	20040	27094	1.49%	0.130%
58	20.480	3021	3025	3030	rVV2	25401	36501	2.01%	0.175%
59	20.880	3090	3093	3100	rVB	27354	40506	2.23%	0.194%
60	21.050	3117	3122	3125	rBV	57180	76037	4.20%	0.364%
61	21.092	3125	3129	3131	rVV	49602	67353	3.72%	0.323%
62	21.127	3131	3135	3140	rVV3	71691	140715	7.76%	0.674%
63	21.174	3140	3143	3149	rVB2	36964	58137	3.21%	0.279%
64	21.321	3165	3168	3172	rBV	97781	97780	5.39%	0.469%
65	21.403	3175	3182	3186	rVV2	1009252	1812520	100.00%	8.686%
66	21.439	3186	3188	3198	rVB	355346	426312	23.52%	2.043%
67	21.562	3205	3209	3214	rBV	60969	82956	4.58%	0.398%
68	21.715	3232	3235	3241	rVB3	29042	45141	2.49%	0.216%
69	23.009	3449	3455	3460	rBV	278269	627667	34.63%	3.008%
70	23.503	3534	3539	3542	rBV	80361	144212	7.96%	0.691%
71	23.556	3542	3548	3553	rVV	527455	1048644	57.86%	5.025%

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72	23.603	3553	3556	3564	rVB	203570	339027	18.70%	1.625%
73	23.703	3566	3573	3580	rBV	562454	1085980	59.92%	5.204%
74	23.968	3614	3618	3625	rVB4	49589	95770	5.28%	0.459%
75	24.274	3666	3670	3675	rVB2	47074	80038	4.42%	0.384%

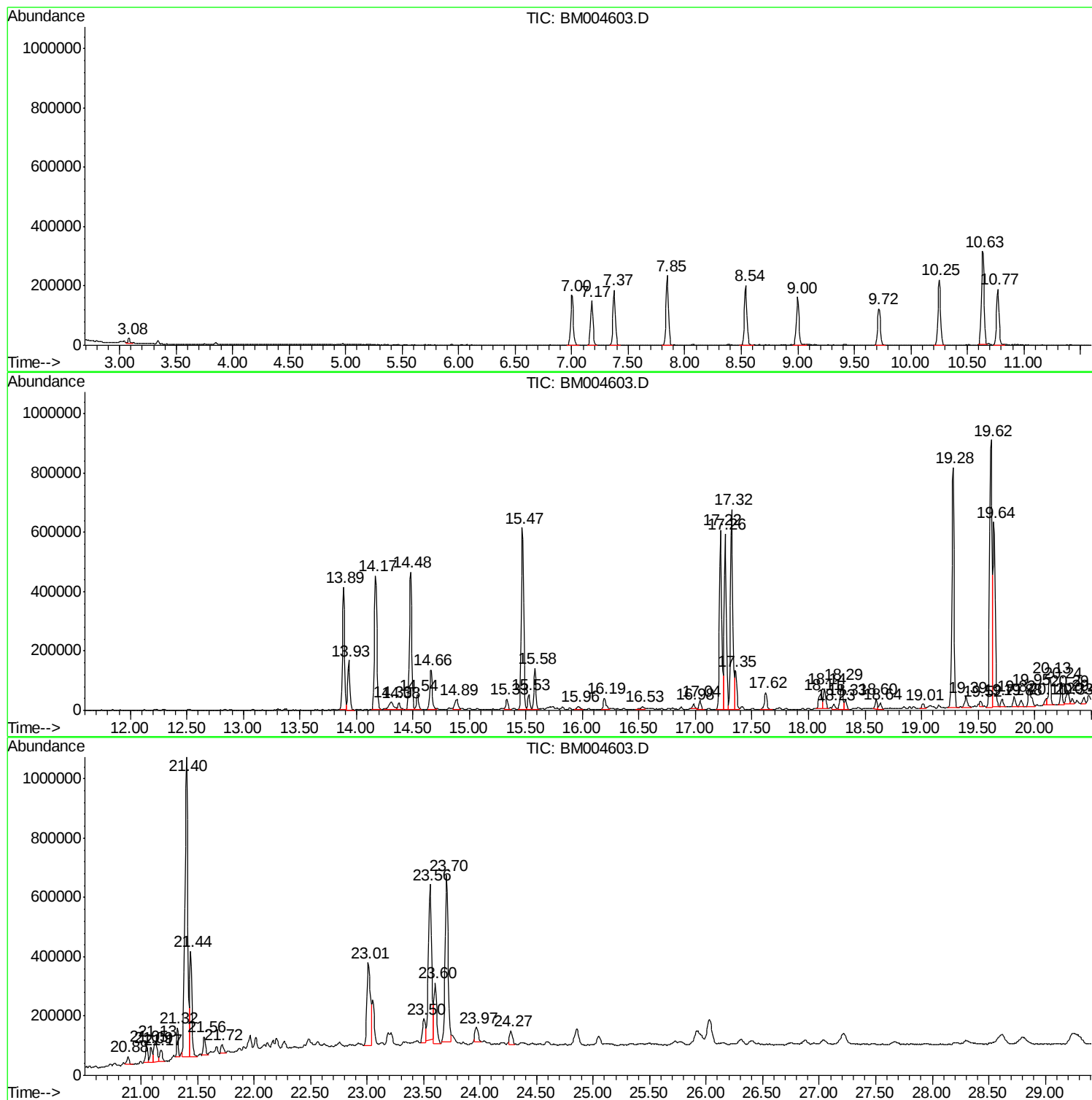
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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



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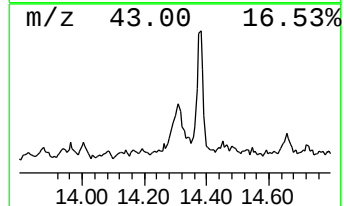
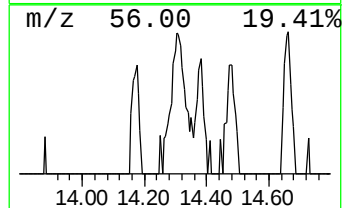
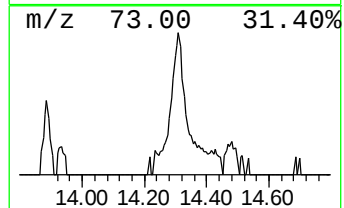
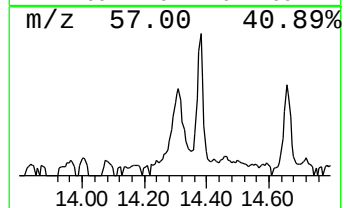
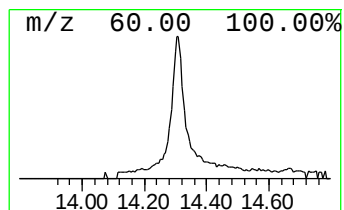
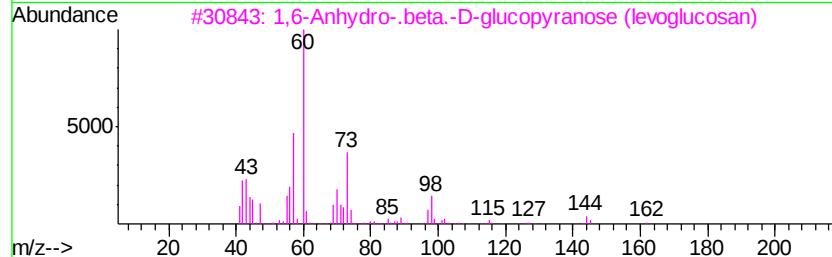
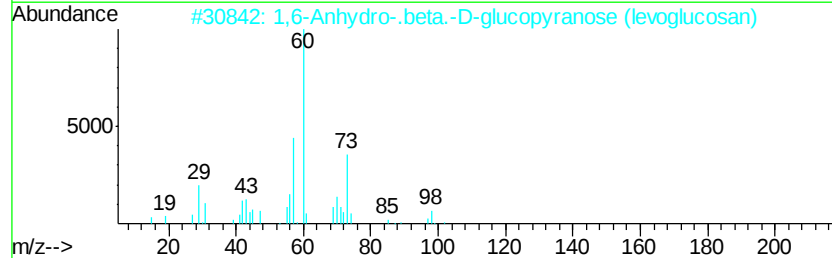
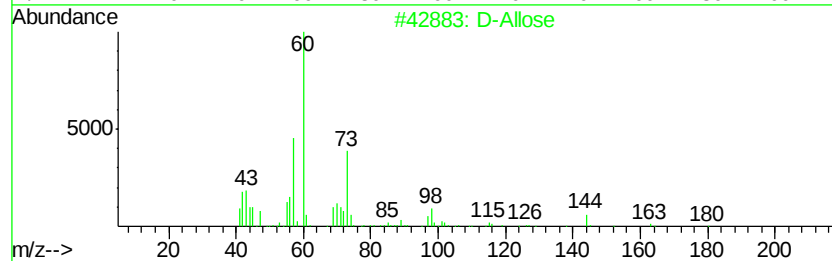
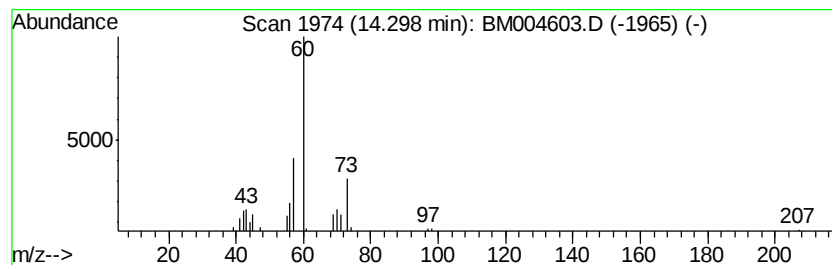
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 D-Allose Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.14 ng/ul	76636	Acenaphthene-d10	14.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Allose	180	C6H12O6	002595-97-3	86
2		1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	64
3		1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	47
4		Heptanoic acid	130	C7H14O2	000111-14-8	42
5		3,4-Altrosan	162	C6H10O5	1000129-76-4	40



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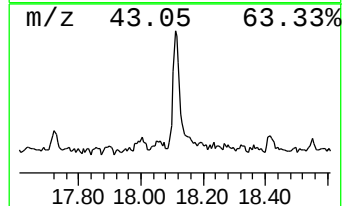
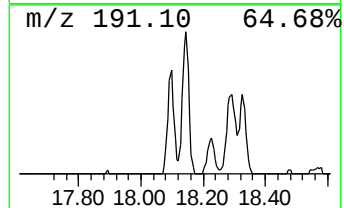
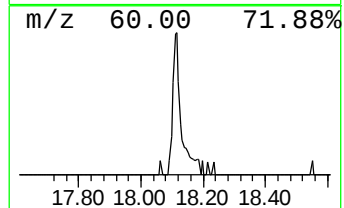
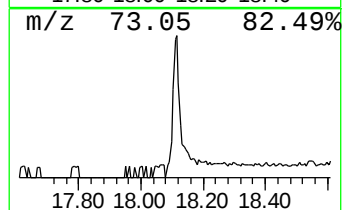
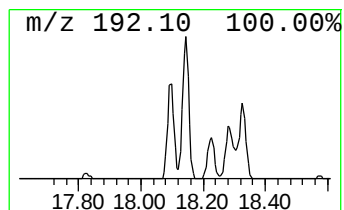
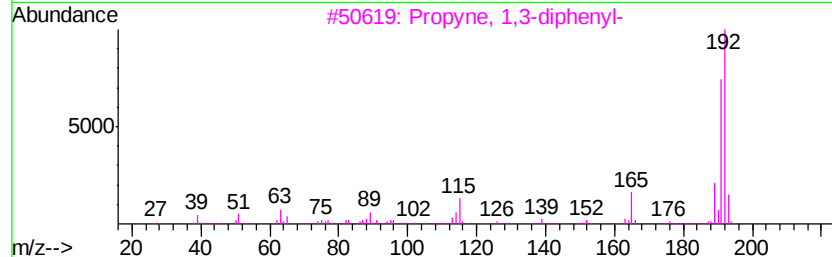
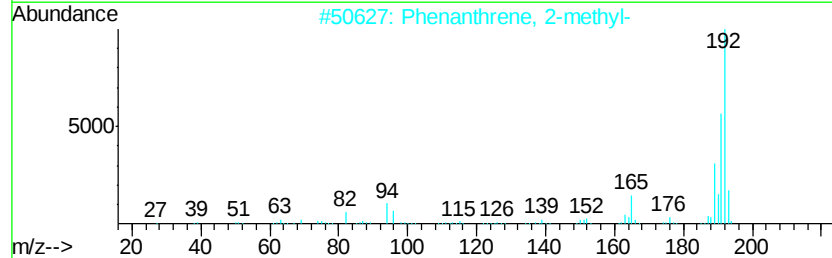
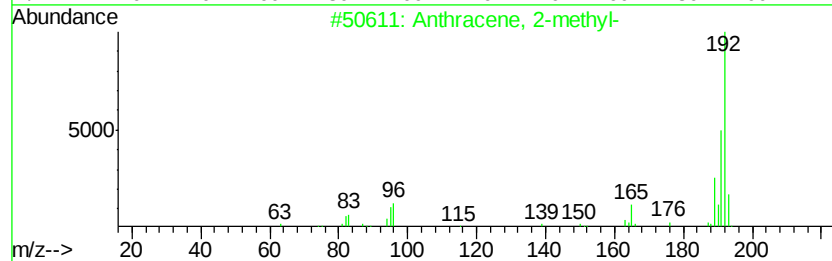
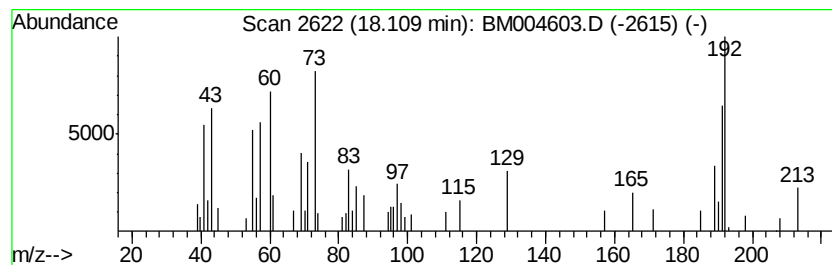
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	2.47 ng/ul	110407	Phenanthrene-d10	17.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	43
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
3		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	35
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	35
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35



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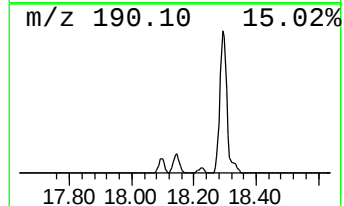
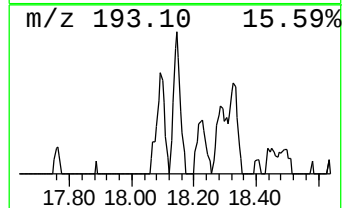
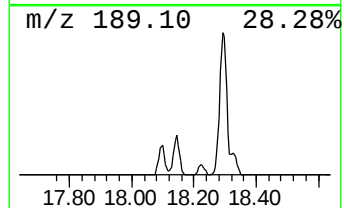
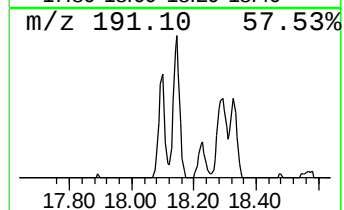
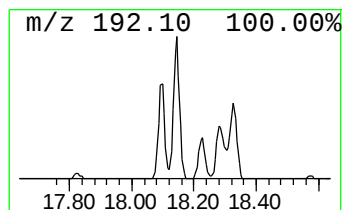
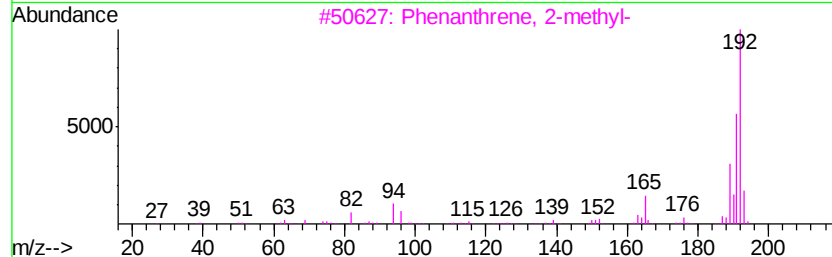
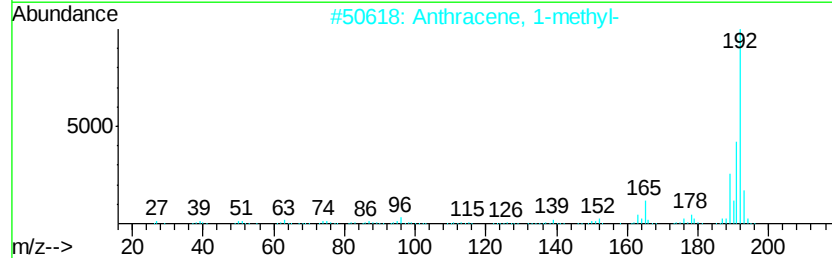
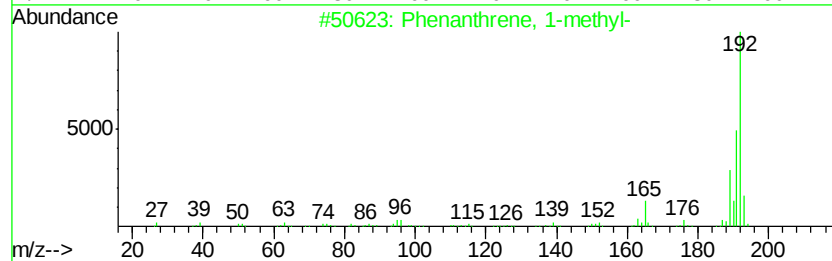
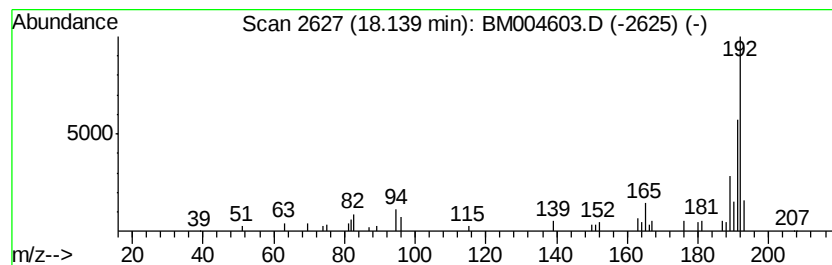
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.01 ng/ul	89954	Phenanthrene-d10	17.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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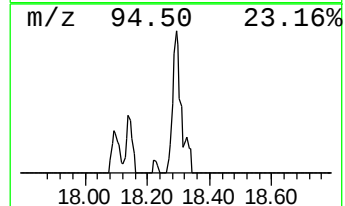
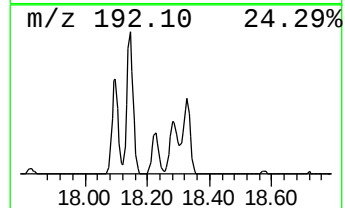
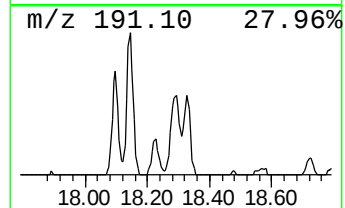
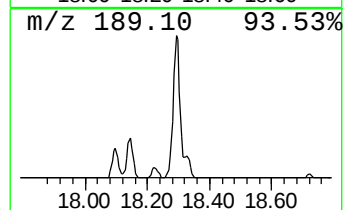
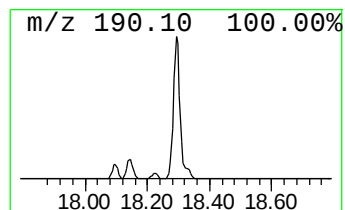
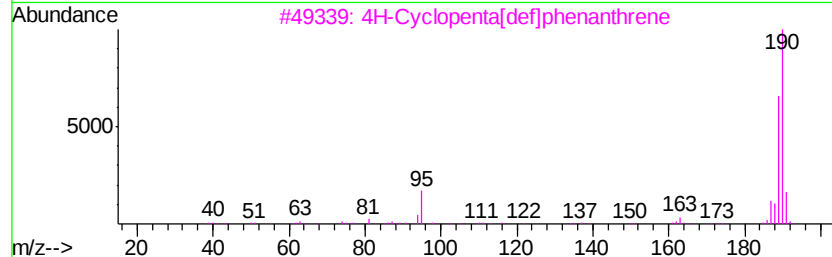
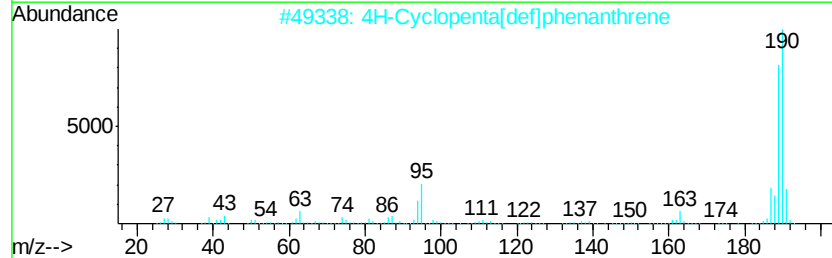
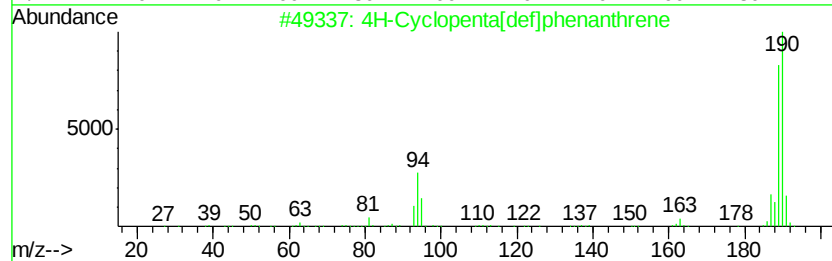
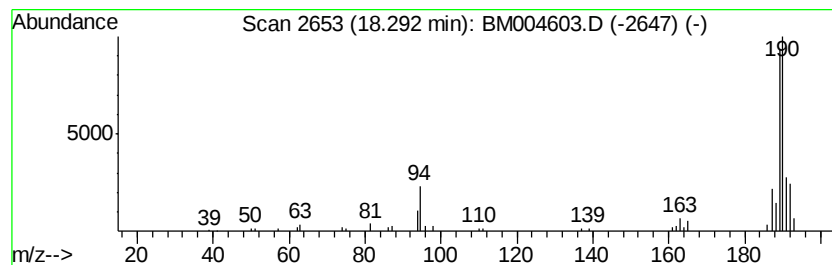
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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.
18.29	3.25 ng/ul	145168	Phenanthrene-d10	17.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5		Methyl diselenide	190	C2H6Se2	007101-31-7	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
Data File : BM004603.D
Acq On : 15 Mar 2016 18:21
Operator : UM/SJ
Sample : H1710-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-SS-D140

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.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
D-Allose	14.30	2.1	ng/ul	76636	3	14.48	717212	20.0
unknown-01	18.11	2.5	ng/ul	110407	4	17.22	893949	20.0
Phenanthrene, 1-m...	18.14	2.0	ng/ul	89954	4	17.22	893949	20.0
4H-Cyclopenta[def...	18.29	3.3	ng/ul	145168	4	17.22	893949	20.0