

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004019.D
 Acq On : 14 Jan 2016 19:08
 Operator : SJ/UM
 Sample : H1099-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC995

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	4	7	13	rVB	6839	7410	0.78%	0.063%
2	3.652	93	96	101	rVB	11128	12280	1.30%	0.105%
3	4.093	167	171	179	rBV	32082	42276	4.46%	0.361%
4	4.504	236	241	246	rBV	16456	22448	2.37%	0.192%
5	4.787	282	289	296	rVB2	2382	4879	0.51%	0.042%
6	6.845	633	639	648	rBV	150362	239326	25.26%	2.046%
7	7.004	660	666	677	rBB	117884	185608	19.59%	1.586%
8	7.198	693	699	706	rBV	161976	244995	25.85%	2.094%
9	7.663	772	778	785	rBB	145787	222271	23.46%	1.900%
10	8.375	894	899	910	rBB	145833	233944	24.69%	2.000%
11	8.486	914	918	924	rBB	13703	20481	2.16%	0.175%
12	8.822	969	975	985	rBB	154146	241945	25.53%	2.068%
13	8.975	997	1001	1008	rBB	2303	4207	0.44%	0.036%
14	9.545	1092	1098	1105	rBB	124704	204148	21.54%	1.745%
15	10.081	1183	1189	1200	rBB	203919	327287	34.54%	2.797%
16	10.451	1245	1252	1259	rBV	228383	370459	39.09%	3.166%
17	10.592	1270	1276	1294	rBB	144188	247963	26.17%	2.119%
18	11.986	1509	1513	1519	rBB	6365	9086	0.96%	0.078%
19	13.733	1804	1810	1814	rBV	373641	516494	54.51%	4.415%
20	13.780	1814	1818	1826	rVB	249440	329564	34.78%	2.817%
21	14.010	1851	1857	1868	rBV	437611	645135	68.08%	5.514%
22	14.221	1889	1893	1896	rBB	12384	14716	1.55%	0.126%
23	14.321	1904	1910	1917	rBB2	346736	508956	53.71%	4.350%
24	14.539	1942	1947	1962	rBV	114124	182522	19.26%	1.560%
25	15.174	2051	2055	2059	rBB	20627	23445	2.47%	0.200%
26	15.315	2073	2079	2086	rVV	567850	814599	85.97%	6.963%
27	15.451	2097	2102	2109	rBB	123416	156919	16.56%	1.341%
28	15.563	2117	2121	2123	rBV	6686	10232	1.08%	0.087%
29	16.039	2197	2202	2211	rBV	21301	37888	4.00%	0.324%
30	16.374	2253	2259	2263	rBV2	4447	7155	0.76%	0.061%
31	16.827	2333	2336	2340	rBV	12881	15735	1.66%	0.134%
32	16.880	2340	2345	2350	rVB3	4318	6363	0.67%	0.054%
33	17.068	2372	2377	2382	rBV2	420931	594662	62.76%	5.083%
34	17.109	2382	2384	2389	rVV	60973	76479	8.07%	0.654%

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35	17.168	2389	2394	2408	rVB2	585604	828430	87.43%	7.081%
36	17.480	2444	2447	2452	rVB	3090	3974	0.42%	0.034%
37	17.568	2458	2462	2464	rBV	4737	4866	0.51%	0.042%
38	17.945	2522	2526	2529	rBV	14594	22794	2.41%	0.195%
39	17.992	2531	2534	2539	rVB	17025	24379	2.57%	0.208%
40	18.074	2545	2548	2553	rBV	3142	3985	0.42%	0.034%
41	18.139	2553	2559	2563	rVV2	20200	35706	3.77%	0.305%
42	18.180	2563	2566	2570	rVB2	11364	14768	1.56%	0.126%
43	18.451	2607	2612	2616	rBV2	6935	8735	0.92%	0.075%
44	18.498	2616	2620	2625	rVV2	7209	10015	1.06%	0.086%
45	18.698	2648	2654	2659	rBV	3862	5199	0.55%	0.044%
46	18.751	2659	2663	2666	rVV2	4768	6488	0.68%	0.055%
47	18.792	2666	2670	2673	rVB	3065	4460	0.47%	0.038%
48	18.874	2678	2684	2689	rBV	14133	22620	2.39%	0.193%
49	18.933	2690	2694	2698	rVV4	7232	13928	1.47%	0.119%
50	18.968	2698	2700	2703	rVV2	4325	4503	0.48%	0.038%
51	19.015	2703	2708	2719	rVB4	6483	18335	1.93%	0.157%
52	19.139	2724	2729	2734	rVB	131467	168285	17.76%	1.438%
53	19.239	2743	2746	2752	rBV	3800	3710	0.39%	0.032%
54	19.362	2760	2767	2769	rBV3	4146	7229	0.76%	0.062%
55	19.474	2780	2786	2790	rBV	658100	947588	100.00%	8.099%
56	19.580	2800	2804	2809	rBV2	7190	9579	1.01%	0.082%
57	19.686	2815	2822	2827	rVB2	4596	8015	0.85%	0.069%
58	19.745	2827	2832	2837	rBV2	3586	5878	0.62%	0.050%
59	19.833	2841	2847	2848	rBV3	9830	13688	1.44%	0.117%
60	19.974	2865	2871	2872	rBV3	8693	13369	1.41%	0.114%
61	20.003	2872	2876	2884	rVB2	21686	37556	3.96%	0.321%
62	20.103	2889	2893	2897	rVV	14841	16480	1.74%	0.141%
63	20.162	2897	2903	2907	rVV2	17618	24422	2.58%	0.209%
64	20.203	2907	2910	2914	rVB	3220	3747	0.40%	0.032%
65	20.303	2922	2927	2931	rBV	13497	16912	1.78%	0.145%
66	20.350	2931	2935	2939	rVV	11834	16234	1.71%	0.139%
67	20.515	2959	2963	2969	rVB	3211	3934	0.42%	0.034%
68	20.603	2973	2978	2980	rVV2	2642	5049	0.53%	0.043%
69	20.627	2980	2982	2987	rVV3	3695	5258	0.55%	0.045%
70	20.756	3000	3004	3010	rVB	8275	13048	1.38%	0.112%
71	20.850	3015	3020	3023	rVB2	2548	3683	0.39%	0.031%

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72	20.921	3023	3032	3035	rBV4	9118	18802	1.98%	0.161%
73	20.980	3035	3042	3051	rBV4	88746	147858	15.60%	1.264%
74	21.056	3052	3055	3061	rVB2	9440	13989	1.48%	0.120%
75	21.109	3061	3064	3068	rBV	2630	3870	0.41%	0.033%
76	21.186	3073	3077	3081	rVB	39665	43357	4.58%	0.371%
77	21.274	3085	3092	3096	rBV2	448530	631215	66.61%	5.395%
78	21.309	3096	3098	3106	rVB	63501	74627	7.88%	0.638%
79	21.386	3108	3111	3114	rBV3	6360	9105	0.96%	0.078%
80	21.427	3114	3118	3125	rVB4	12495	18168	1.92%	0.155%
81	21.592	3141	3146	3150	rVV4	7647	14500	1.53%	0.124%
82	21.639	3152	3154	3159	rVB6	5071	5318	0.56%	0.045%
83	21.827	3179	3186	3188	rBV	15773	27801	2.93%	0.238%
84	21.874	3188	3194	3202	rVB3	36901	80184	8.46%	0.685%
85	21.974	3209	3211	3215	rBV3	4194	5301	0.56%	0.045%
86	22.021	3215	3219	3222	rBV	8209	10839	1.14%	0.093%
87	22.309	3263	3268	3274	rBV4	12683	26591	2.81%	0.227%
88	22.439	3288	3290	3293	rVB2	4513	4509	0.48%	0.039%
89	22.768	3344	3346	3349	rBV4	3816	5212	0.55%	0.045%
90	22.815	3349	3354	3370	rVB4	64999	219535	23.17%	1.876%
91	23.015	3383	3388	3393	rVB	7786	14930	1.58%	0.128%
92	23.315	3434	3439	3442	rBV	23007	39784	4.20%	0.340%
93	23.368	3442	3448	3454	rVV	367251	657351	69.37%	5.619%
94	23.509	3465	3472	3479	rBV2	256654	468786	49.47%	4.007%
95	24.015	3551	3558	3567	rVB	39188	77002	8.13%	0.658%
96	24.380	3615	3620	3625	rBV6	4699	10766	1.14%	0.092%
97	24.750	3677	3683	3690	rBV	11273	25901	2.73%	0.221%
98	25.615	3824	3830	3845	rVB4	11569	32099	3.39%	0.274%
99	25.756	3848	3854	3865	rVB2	18932	48987	5.17%	0.419%
100	26.444	3965	3971	3978	rBV3	9265	24440	2.58%	0.209%

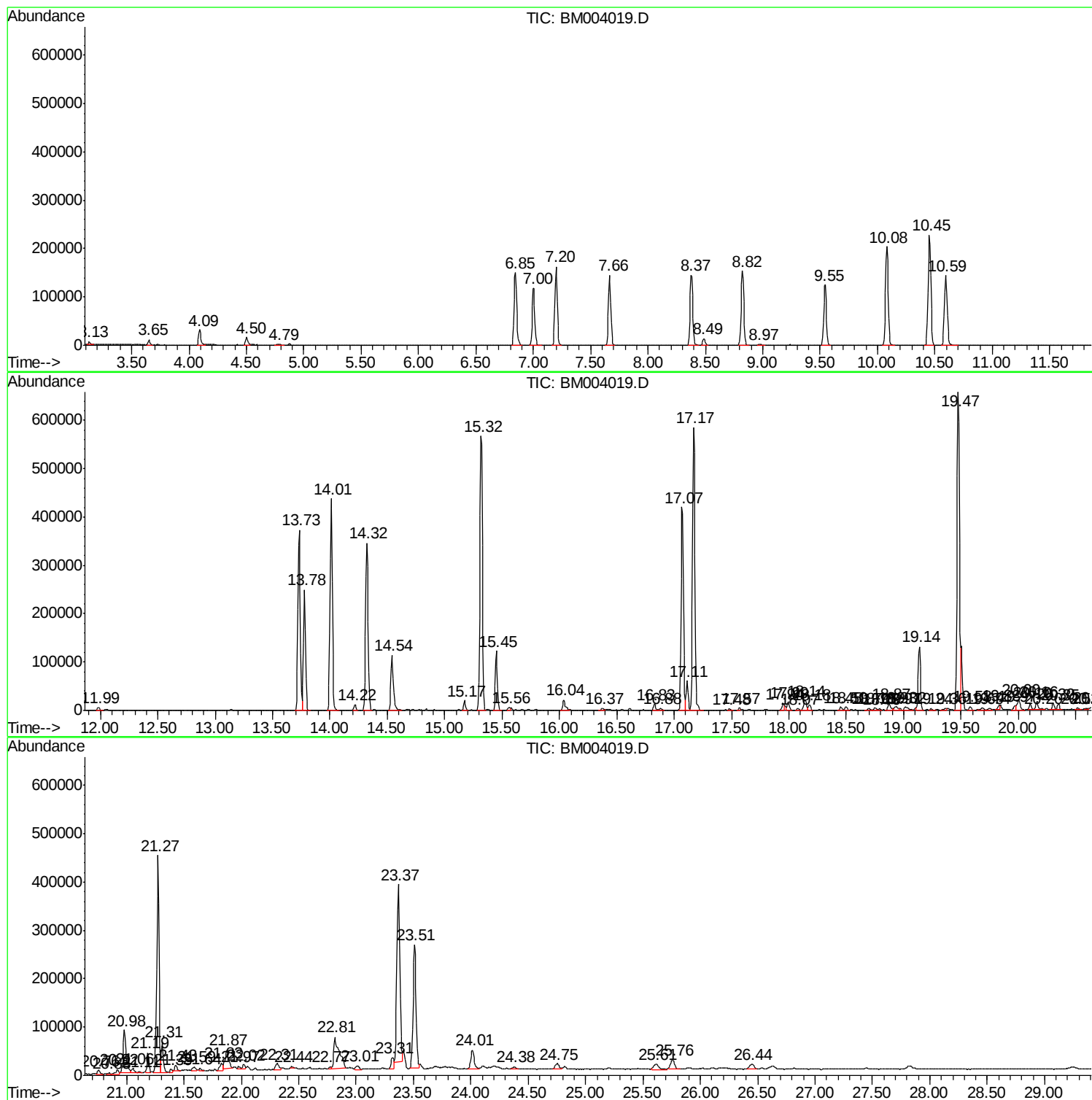
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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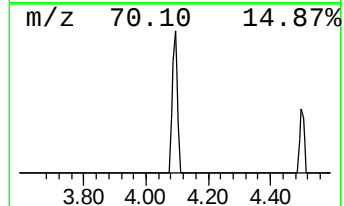
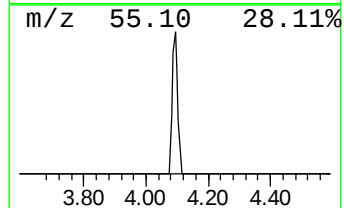
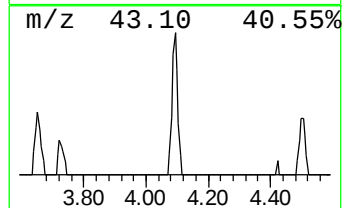
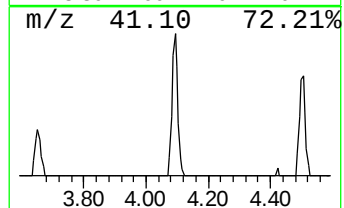
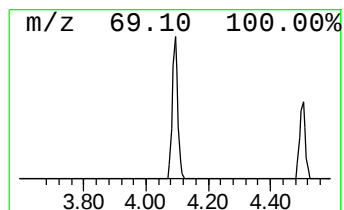
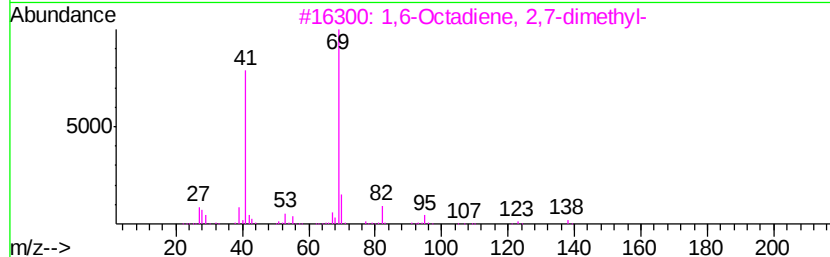
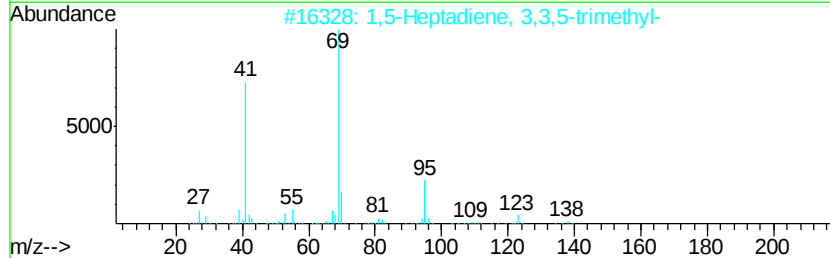
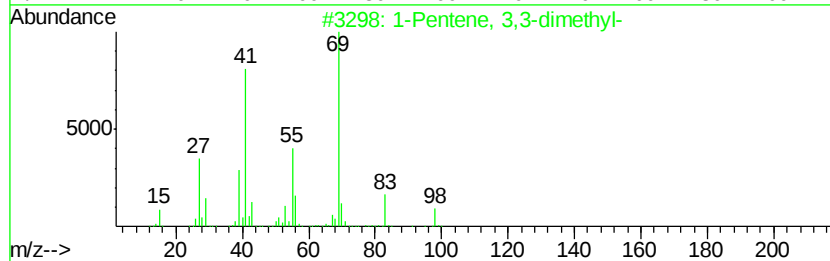
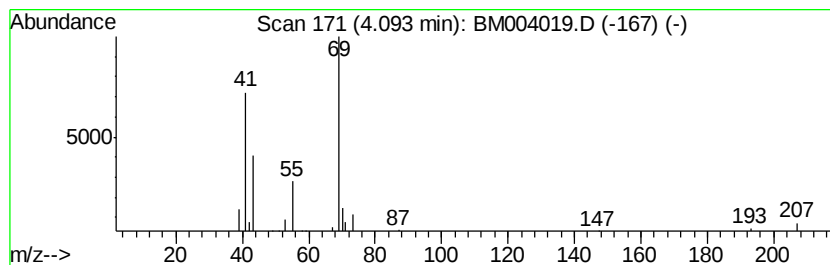
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic4.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	3.80 ng/ul	42276	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	40
2		1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	33
3		1,6-Octadiene, 2,7-dimethyl-	138	C10H18	040195-09-3	33
4		2,6-Octadiene, 2,7-dimethyl-	138	C10H18	016736-42-8	9
5		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	9



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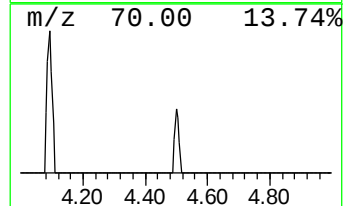
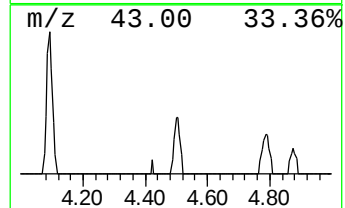
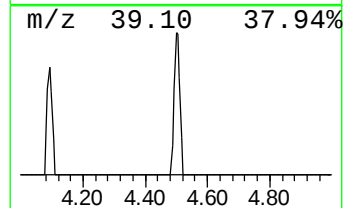
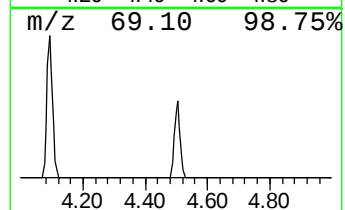
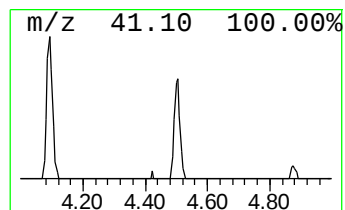
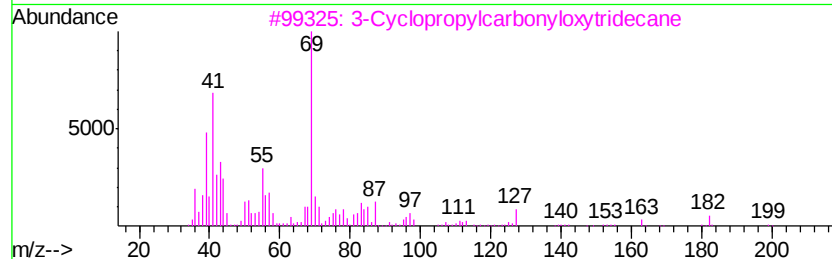
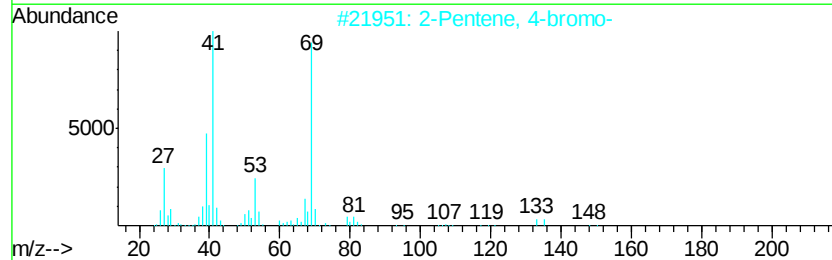
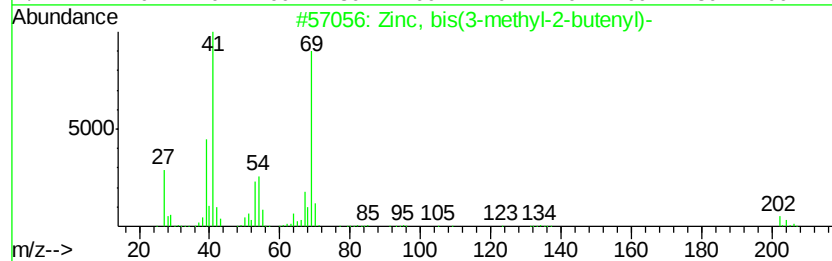
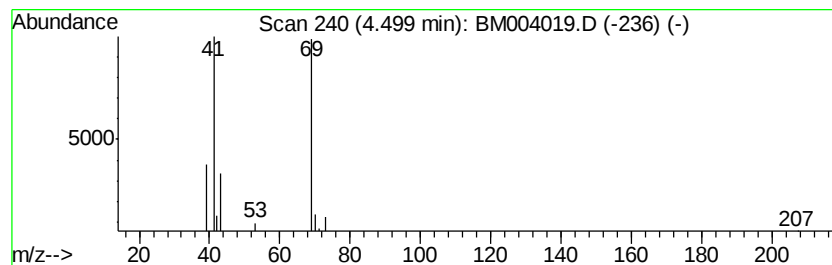
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	2.02 ng/ul	22448	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Zinc, bis(3-methyl-2-butenyl)-	202	C10H18Zn	066094-28-8	40
2		2-Pentene, 4-bromo-	148	C5H9Br	001809-26-3	9
3		3-Cyclopropylcarbonyloxytridecane	268	C17H32O2	1000245-58-4	9
4		Methoxyacetoneitrile	71	C3H5NO	001738-36-9	7
5		Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	4



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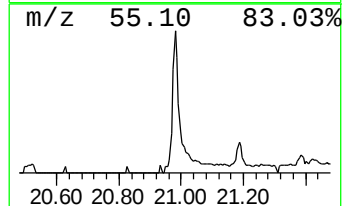
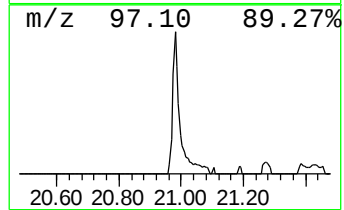
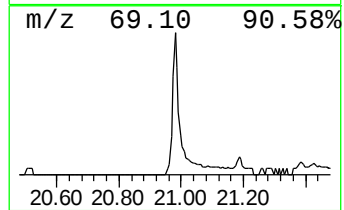
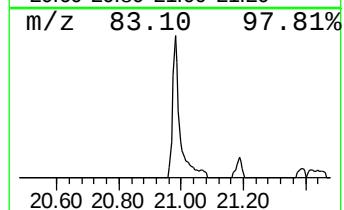
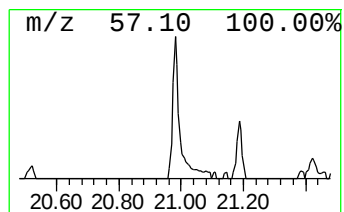
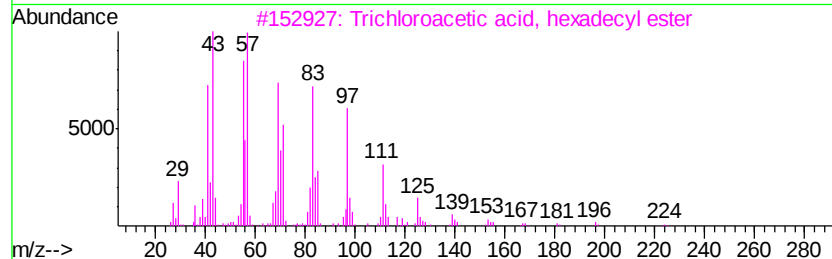
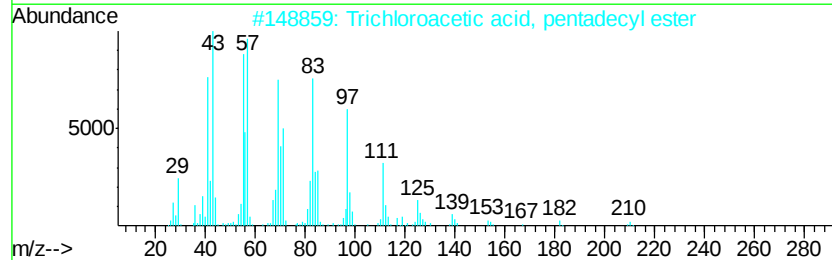
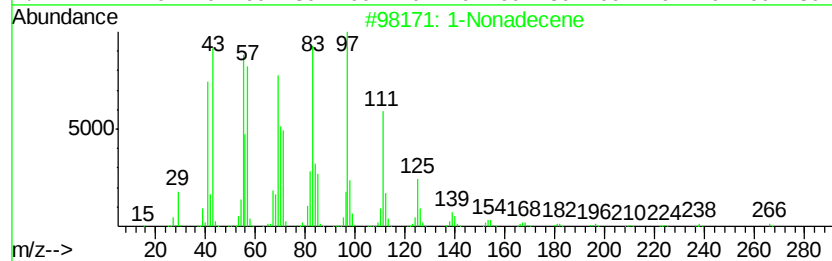
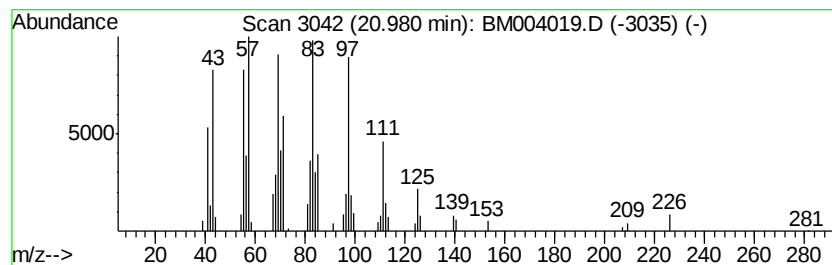
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Peak Number 3 (DEL) Alkane: Cyclic20.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.98	4.68 ng/ul	147858	Chrysene-d12	21.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	11-Tricosene	322	C23H46	052078-56-5	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004019.D
Acq On : 14 Jan 2016 19:08
Operator : SJ/UM
Sample : H1099-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC995

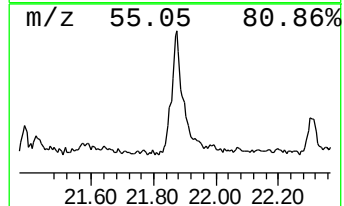
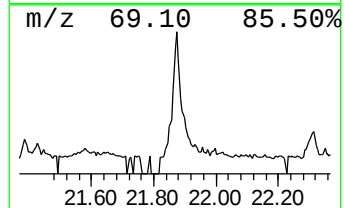
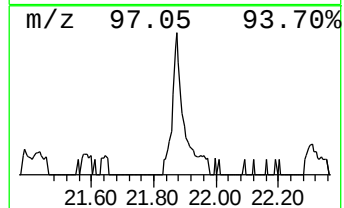
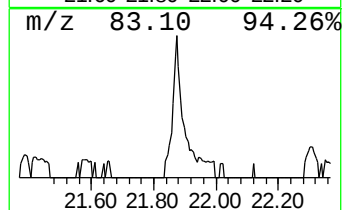
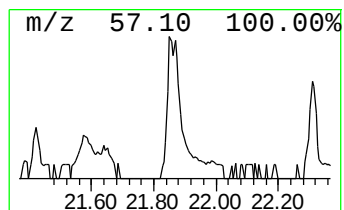
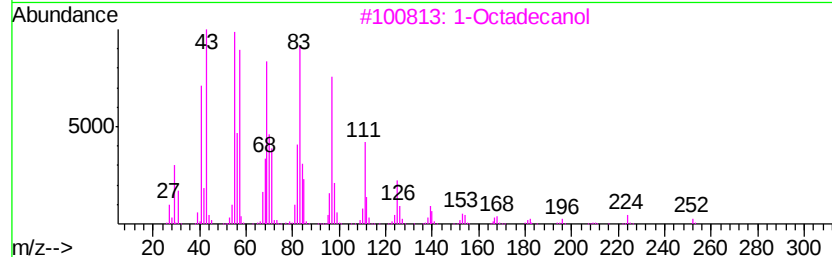
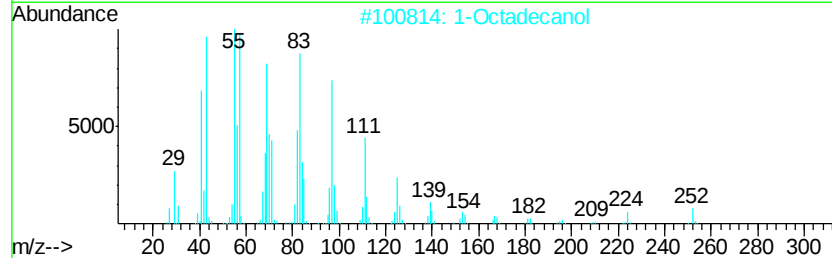
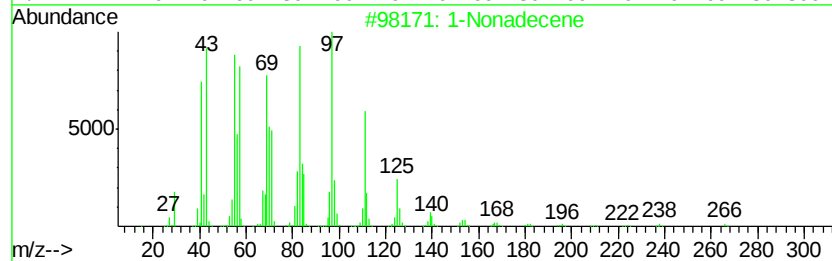
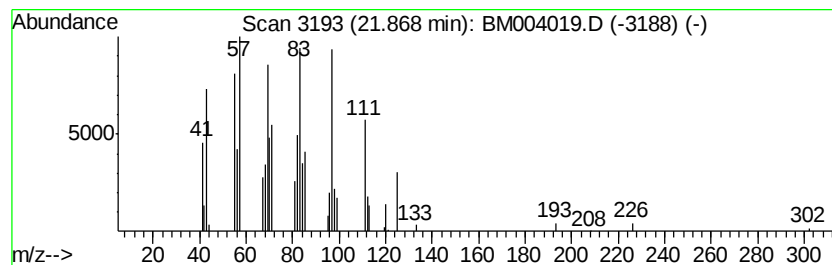
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.87 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.54 ng/ul	80184	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	93
2		1-Octadecanol	270	C18H38O	000112-92-5	93
3		1-Octadecanol	270	C18H38O	000112-92-5	93
4		1-Heptadecanol	256	C17H36O	001454-85-9	90
5		1-Nonadecanol	284	C19H40O	001454-84-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004019.D
Acq On : 14 Jan 2016 19:08
Operator : SJ/UM
Sample : H1099-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC995

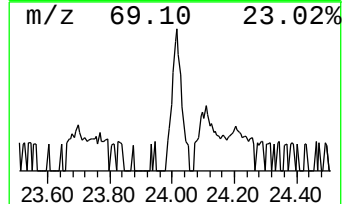
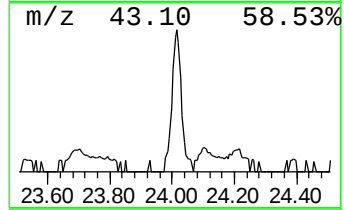
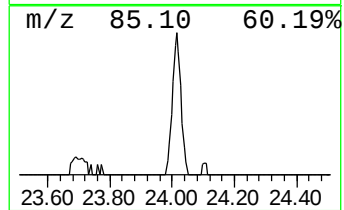
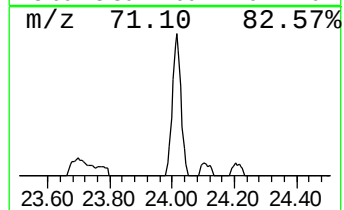
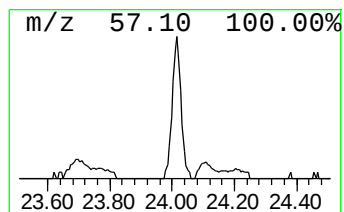
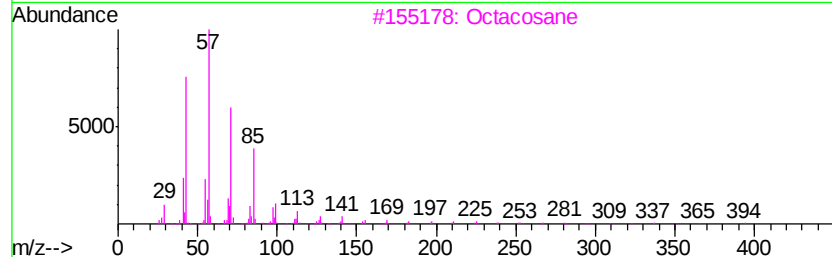
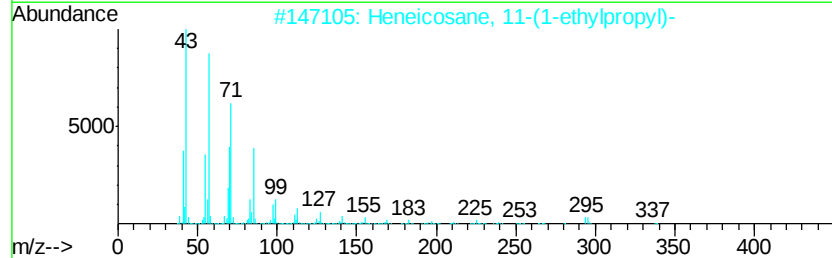
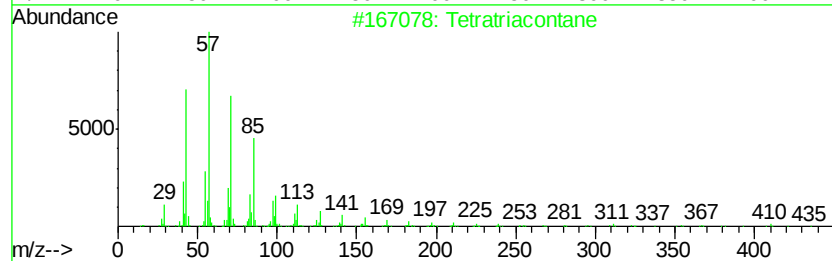
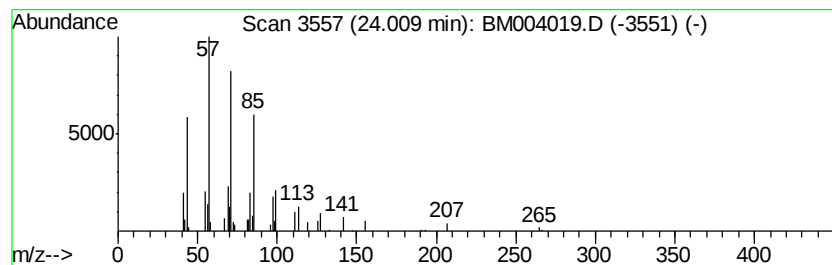
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	3.29 ng/ul	77002	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004019.D
Acq On : 14 Jan 2016 19:08
Operator : SJ/UM
Sample : H1099-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC995

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
(DEL) Alkane: Cyc...	4.09	3.8	ng/ul	42276	1	7.66	222271	20.0
unknown-01	4.50	2.0	ng/ul	22448	1	7.66	222271	20.0
(DEL) Alkane: Cyc...	20.98	4.7	ng/ul	147858	5	21.27	631215	20.0
(DEL) Alkane: Cyc...	21.87	2.5	ng/ul	80184	5	21.27	631215	20.0
(DEL) Alkane: Str...	24.01	3.3	ng/ul	77002	6	23.51	468786	20.0