

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
 Data File : BG019025.D
 Acq On : 5 Oct 2015 11:39
 Operator : UM/NP
 Sample : G3798-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9G57

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_G\METHODS\SOM02.2-EPA-BG100415.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	2.950	16	19	23	rVB5	2435	3987	0.35%	0.023%
2	3.167	50	56	64	rBV2	34557	85187	7.46%	0.498%
3	3.244	64	69	77	rVB	91771	150688	13.20%	0.881%
4	3.502	109	113	120	rBV2	5001	8335	0.73%	0.049%
5	4.436	267	272	281	rVB3	2496	4549	0.40%	0.027%
6	6.240	573	579	585	rBV4	3376	6184	0.54%	0.036%
7	7.051	711	717	725	rVB5	3354	5244	0.46%	0.031%
8	7.192	732	741	751	rVB3	226681	461304	40.42%	2.697%
9	7.374	765	772	780	rVB	96715	154569	13.54%	0.904%
10	7.498	789	793	797	rVB	3694	4374	0.38%	0.026%
11	7.580	800	807	817	rVB	115770	211400	18.52%	1.236%
12	8.050	880	887	893	rVB	90984	153833	13.48%	0.899%
13	8.109	893	897	901	rVB3	2799	3494	0.31%	0.020%
14	8.285	922	927	933	rVV3	2541	4071	0.36%	0.024%
15	8.743	998	1005	1018	rVB2	156468	262133	22.97%	1.532%
16	9.201	1076	1083	1090	rBV	118280	206374	18.08%	1.206%
17	9.642	1153	1158	1163	rBV	9841	13174	1.15%	0.077%
18	9.930	1201	1207	1209	rBV	95549	162707	14.26%	0.951%
19	9.959	1209	1212	1220	rVB	121142	204406	17.91%	1.195%
20	10.465	1291	1298	1306	rBV	155588	261222	22.89%	1.527%
21	10.852	1357	1364	1369	rBV	134699	243291	21.32%	1.422%
22	10.905	1369	1373	1381	rVV	51985	89828	7.87%	0.525%
23	10.982	1381	1386	1391	rVV3	13650	22350	1.96%	0.131%
24	11.193	1416	1422	1430	rBV	91312	152064	13.32%	0.889%
25	12.116	1572	1579	1587	rVB	41594	64450	5.65%	0.377%
26	12.427	1629	1632	1636	rVB3	2399	3221	0.28%	0.019%
27	12.721	1675	1682	1690	rBV	135300	213673	18.72%	1.249%
28	12.868	1701	1707	1713	rBV	55720	81647	7.15%	0.477%
29	13.038	1731	1736	1741	rBV3	4066	6375	0.56%	0.037%
30	13.103	1741	1747	1752	rVV	94449	144456	12.66%	0.844%
31	13.144	1752	1754	1760	rVB	9593	12299	1.08%	0.072%
32	13.285	1773	1778	1784	rVB	9949	13337	1.17%	0.078%
33	13.508	1808	1816	1822	rBV	258829	399303	34.98%	2.334%
34	14.078	1906	1913	1917	rBV	294886	421944	36.97%	2.467%

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35	14.125	1917	1921	1929	rVB	266835	366958	32.15%	2.145%
36	14.237	1929	1940	1948	rBV	93098	139140	12.19%	0.813%
37	14.307	1948	1952	1955	rBV4	3160	4468	0.39%	0.026%
38	14.366	1955	1962	1969	rVB	332110	501719	43.96%	2.933%
39	14.572	1993	1997	2001	rBV2	7034	8871	0.78%	0.052%
40	14.671	2007	2014	2023	rVB2	203516	328874	28.81%	1.923%
41	14.860	2038	2046	2054	rBV3	281952	557518	48.85%	3.259%
42	15.012	2067	2072	2076	rBV4	2035	3110	0.27%	0.018%
43	15.065	2076	2081	2088	rVV	106228	158667	13.90%	0.928%
44	15.189	2098	2102	2106	rBV3	2235	3266	0.29%	0.019%
45	15.471	2145	2150	2154	rVV	8222	12280	1.08%	0.072%
46	15.518	2154	2158	2163	rVB	19967	25061	2.20%	0.146%
47	15.659	2176	2182	2189	rVV	441770	672149	58.89%	3.929%
48	15.717	2189	2192	2195	rVB2	3456	3697	0.32%	0.022%
49	15.770	2195	2201	2210	rBV3	150077	297718	26.08%	1.740%
50	15.905	2219	2224	2226	rBV4	5810	8636	0.76%	0.050%
51	15.929	2226	2228	2232	rVV2	5291	5941	0.52%	0.035%
52	16.076	2248	2253	2258	rBV5	2596	3488	0.31%	0.020%
53	16.140	2260	2264	2268	rVB4	2514	3994	0.35%	0.023%
54	16.381	2299	2305	2308	rBV	25741	33460	2.93%	0.196%
55	16.558	2331	2335	2339	rVB4	5477	6827	0.60%	0.040%
56	16.716	2355	2362	2368	rBV	83062	126250	11.06%	0.738%
57	16.881	2386	2390	2395	rBV5	2433	4263	0.37%	0.025%
58	17.057	2415	2420	2431	rVV2	148982	215805	18.91%	1.262%
59	17.174	2435	2440	2444	rVV	27312	33030	2.89%	0.193%
60	17.227	2446	2449	2454	rVB3	6676	9893	0.87%	0.058%
61	17.327	2463	2466	2471	rVB2	8359	10658	0.93%	0.062%
62	17.415	2474	2481	2484	rBV	276259	424991	37.24%	2.484%
63	17.456	2484	2488	2493	rVV	382615	578908	50.72%	3.384%
64	17.509	2493	2497	2501	rVV2	496142	802682	70.33%	4.692%
65	17.545	2501	2503	2511	rVB	168062	210209	18.42%	1.229%
66	17.644	2518	2520	2526	rVB5	3753	5761	0.50%	0.034%
67	17.715	2528	2532	2534	rBV4	2080	3544	0.31%	0.021%
68	17.744	2534	2537	2540	rVB5	8330	10005	0.88%	0.058%
69	17.791	2540	2545	2550	rBV5	4089	7872	0.69%	0.046%
70	17.915	2561	2566	2570	rBV	17214	20868	1.83%	0.122%
71	18.238	2617	2621	2625	rVB4	9273	11060	0.97%	0.065%

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72	18.303	2628	2632	2638	rBV3	26197	37171	3.26%	0.217%
73	18.379	2639	2645	2650	rVB	241334	303531	26.59%	1.774%
74	18.502	2663	2666	2673	rVV4	5162	7846	0.69%	0.046%
75	18.602	2679	2683	2690	rVV4	8694	15018	1.32%	0.088%
76	18.825	2717	2721	2724	rVV5	6482	9467	0.83%	0.055%
77	19.090	2765	2766	2770	rVV2	2741	3694	0.32%	0.022%
78	19.154	2773	2777	2779	rVV5	3548	4397	0.39%	0.026%
79	19.231	2787	2790	2793	rBV	4345	4679	0.41%	0.027%
80	19.460	2818	2829	2835	rBV	420846	605953	53.09%	3.542%
81	19.566	2845	2847	2851	rBV4	3982	4527	0.40%	0.026%
82	19.677	2861	2866	2869	rBV2	5581	9425	0.83%	0.055%
83	19.795	2879	2886	2889	rBV	716042	1141365	100.00%	6.672%
84	19.818	2889	2890	2897	rVB	445138	485153	42.51%	2.836%
85	20.294	2967	2971	2974	rBV5	6660	8312	0.73%	0.049%
86	20.570	3016	3018	3023	rBV6	2133	3567	0.31%	0.021%
87	20.659	3031	3033	3036	rVB4	2886	3014	0.26%	0.018%
88	20.947	3078	3082	3085	rBV4	4441	6736	0.59%	0.039%
89	21.328	3141	3147	3154	rBV	196680	273399	23.95%	1.598%
90	21.581	3184	3190	3195	rVV	406345	553305	48.48%	3.234%
91	21.675	3199	3206	3210	rBV	341076	571153	50.04%	3.339%
92	21.722	3210	3214	3221	rVB	361578	562493	49.28%	3.288%
93	22.521	3344	3350	3357	rVB10	11132	22995	2.01%	0.134%
94	23.203	3464	3466	3469	rBV4	4432	5658	0.50%	0.033%
95	23.397	3493	3499	3507	rVB2	49370	90761	7.95%	0.531%
96	24.677	3706	3717	3725	rBV	393787	1092982	95.76%	6.389%
97	24.895	3745	3754	3764	rBV	192942	524606	45.96%	3.067%
98	26.229	3977	3981	3982	rBV4	10227	11199	0.98%	0.065%
99	28.567	4364	4379	4404	rVB3	131024	884038	77.45%	5.168%
100	29.143	4475	4477	4478	rBV2	4168	3006	0.26%	0.018%

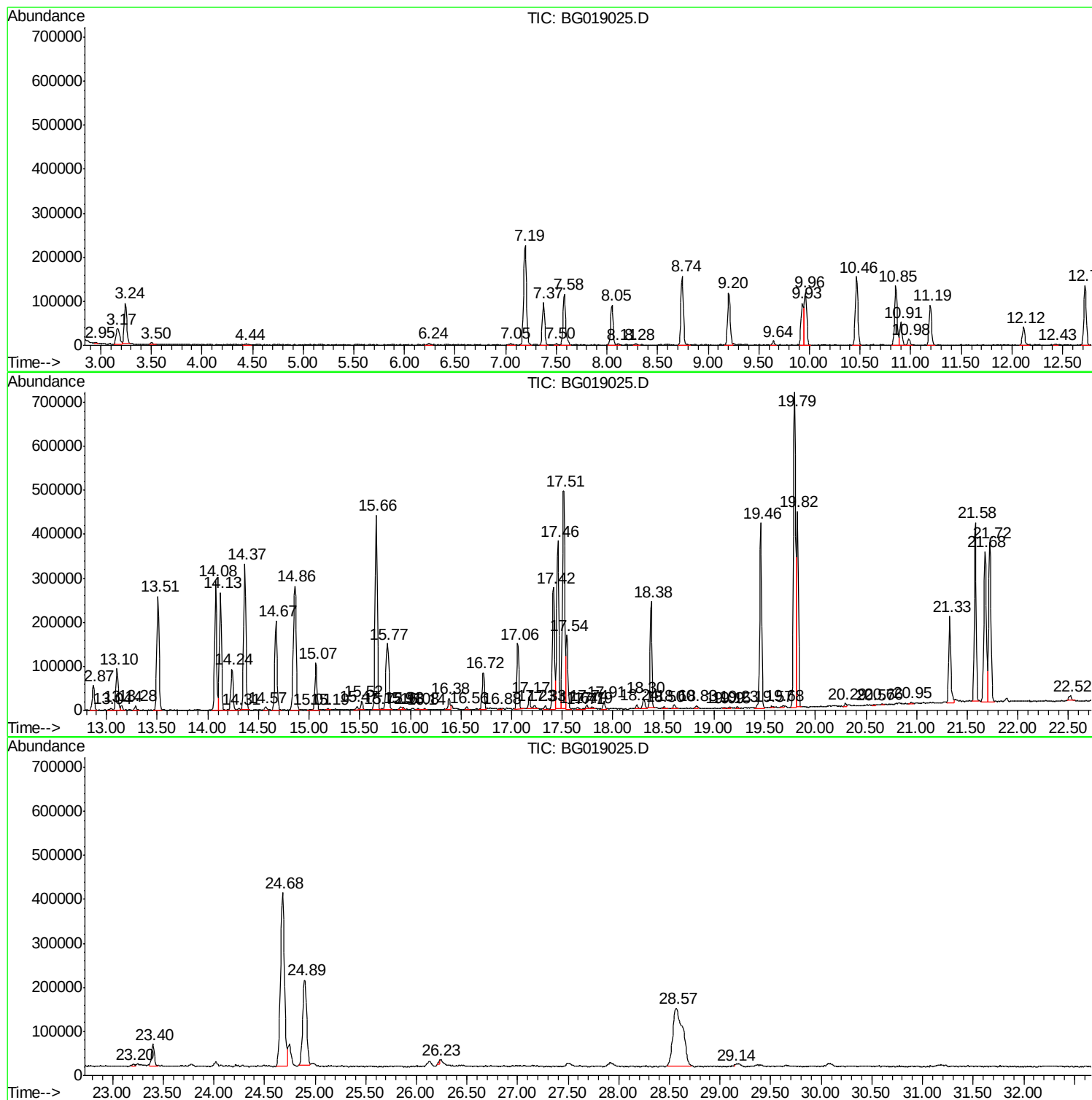
Sum of corrected areas: 17106564

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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



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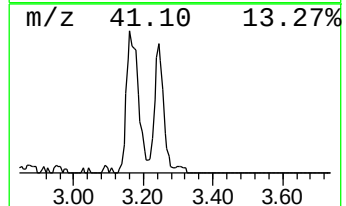
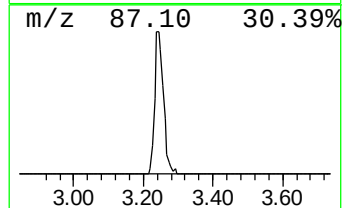
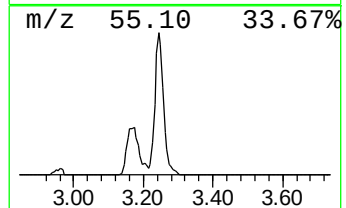
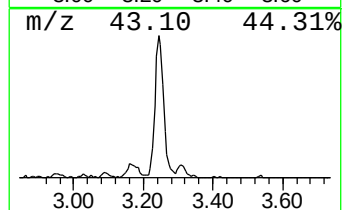
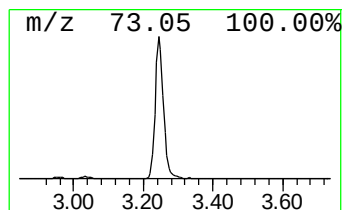
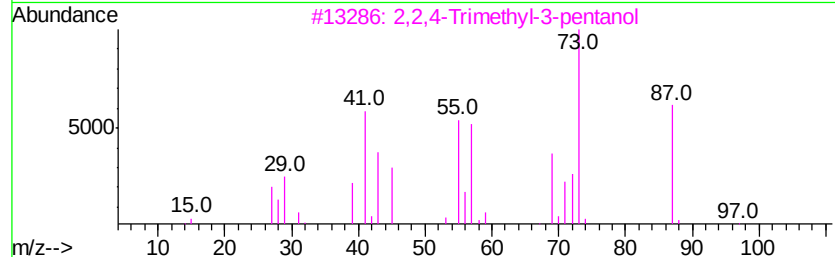
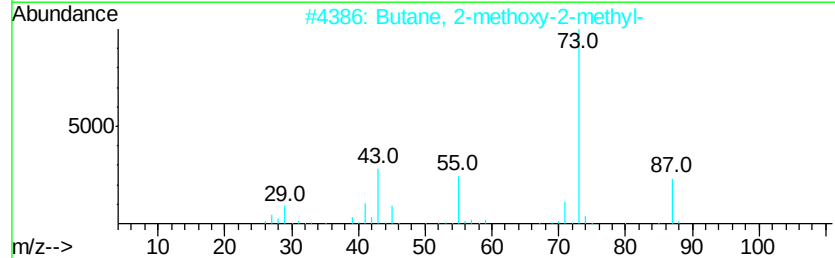
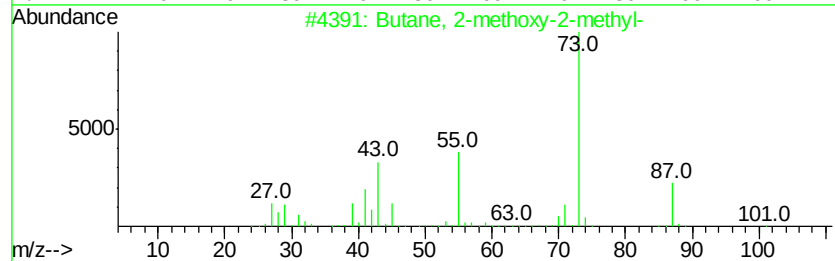
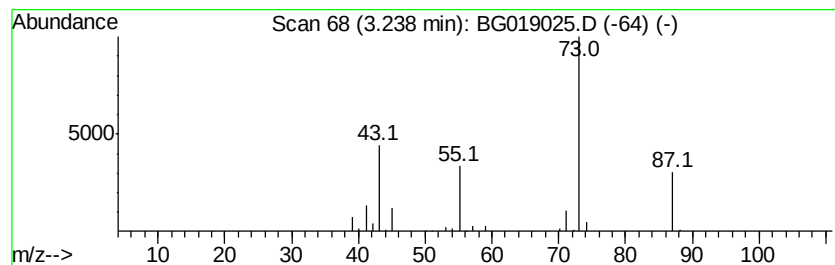
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	19.59 ng/ul	150688	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36



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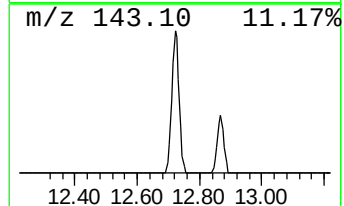
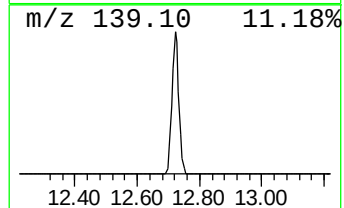
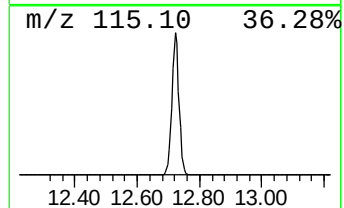
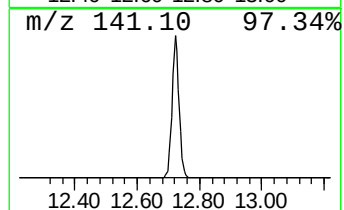
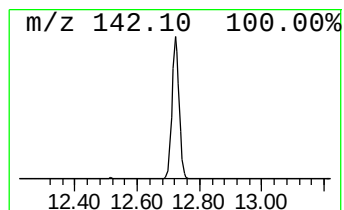
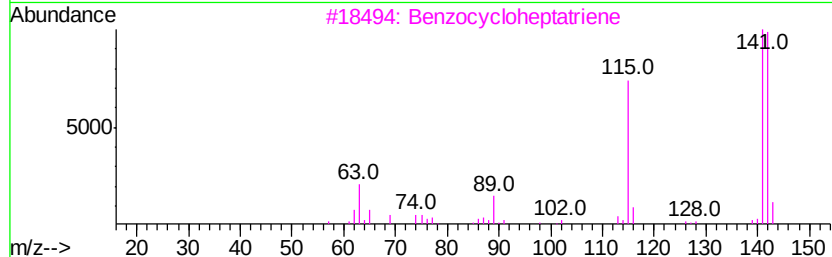
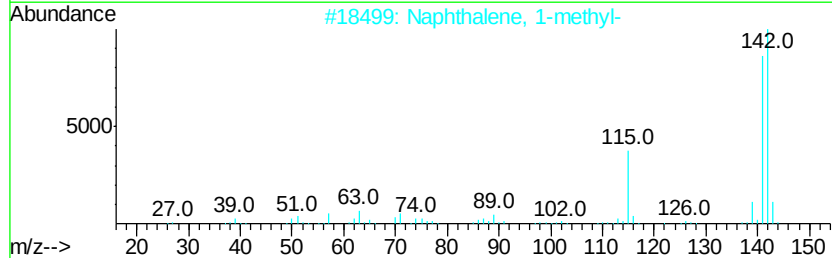
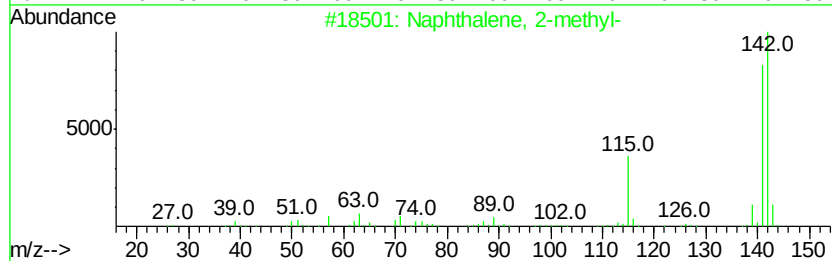
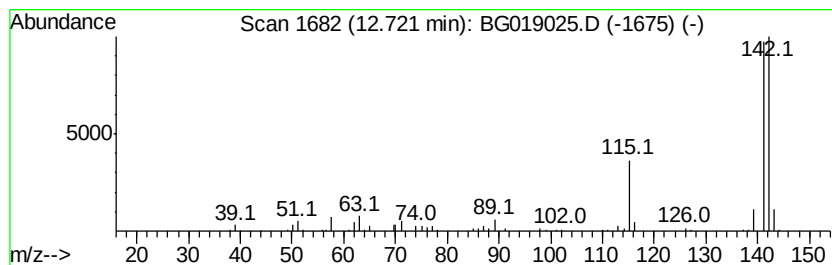
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.72	17.57 ng/ul	213673	Naphthalene-d8	10.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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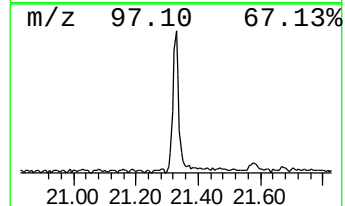
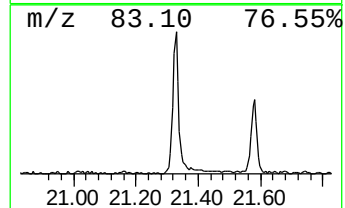
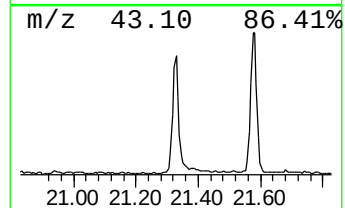
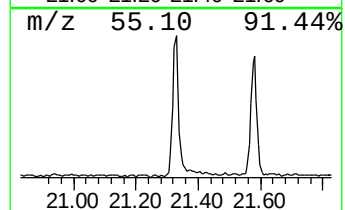
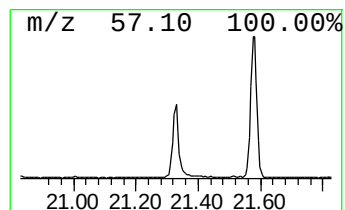
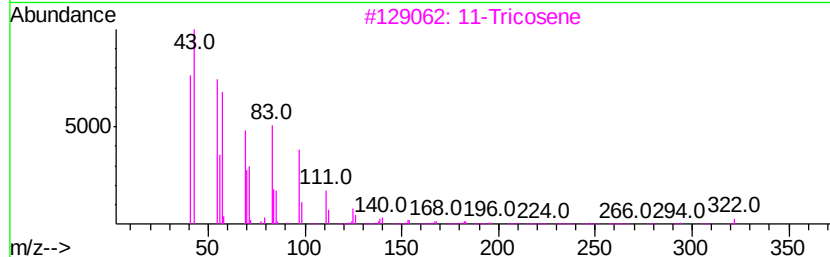
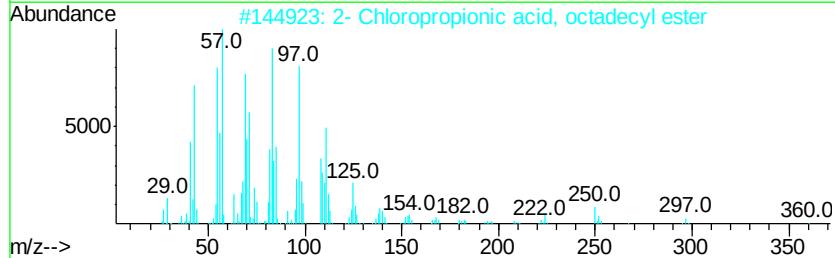
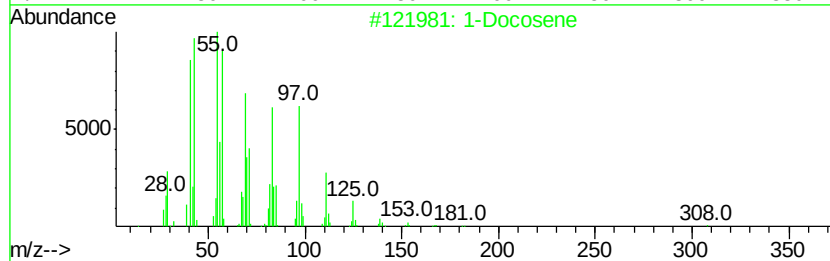
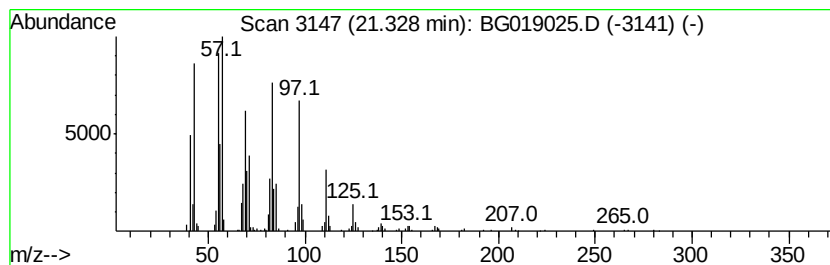
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	9.57 ng/ul	273399	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	94
2			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3			11-Tricosene	322	C23H46	052078-56-5	91
4			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
5			Cyclohexadecane	224	C16H32	000295-65-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019025.D
Acq On : 5 Oct 2015 11:39
Operator : UM/NP
Sample : G3798-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

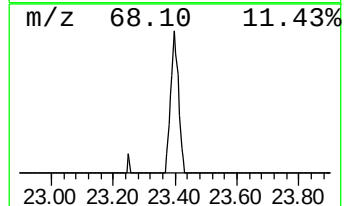
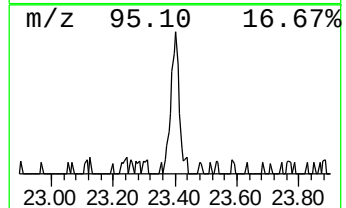
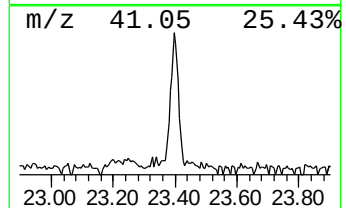
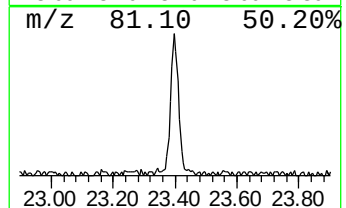
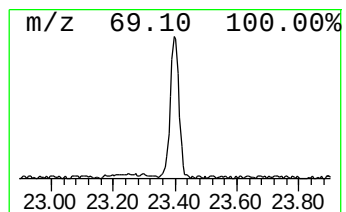
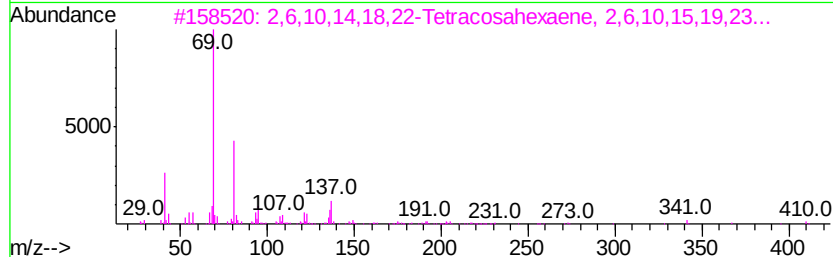
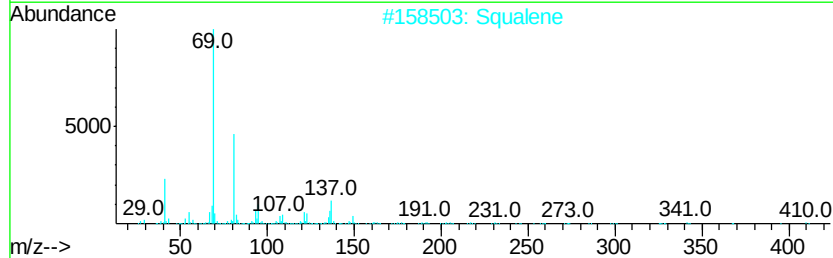
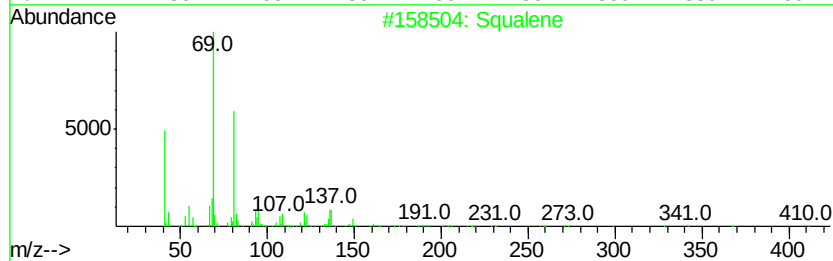
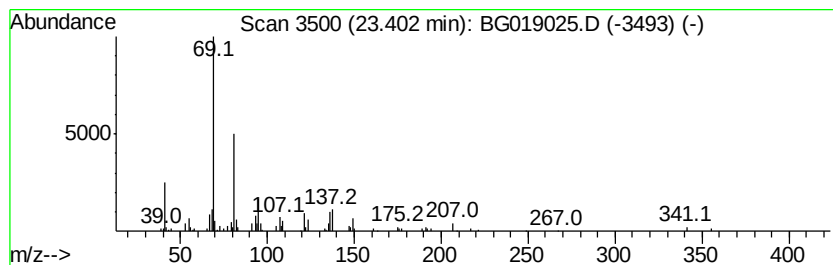
Instrument :
BNA_G
ClientSampleId :
D9G57

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	3.46 ng/ul	90761	Perylene-d12	24.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	87
2	Squalene	410 C30H50	007683-64-9	87
3	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	80
4	Farnesol isomer a	222 C15H26O	1000108-92-4	64
5	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H24O	125529-10-4	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100515\
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Sample : G3798-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9G57

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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
Butane, 2-methoxy...	3.24	19.6	ng/ul	150688	1	8.05	153833	20.0
Naphthalene, 1-me...	12.72	17.6	ng/ul	213673	2	10.85	243291	20.0
(DEL) Alkane: Str...	21.33	9.6	ng/ul	273399	5	21.68	571153	20.0
Squalene	23.40	3.5	ng/ul	90761	6	24.90	524606	20.0