

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021716\
 Data File : BG020921.D
 Acq On : 17 Feb 2016 11:33
 Operator : SJ/UM
 Sample : H1477-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0311-S01-0003

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-BG020816.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	3.246	64	69	77	rBV	19253	34386	6.41%	0.595%
2	3.317	77	81	87	rVB	4738	7214	1.35%	0.125%
3	3.593	125	128	133	rVB	2050	3016	0.56%	0.052%
4	4.598	295	299	303	rVB2	937	1115	0.21%	0.019%
5	5.443	442	443	449	rVB	487	804	0.15%	0.014%
6	6.419	607	609	613	rBV	666	1094	0.20%	0.019%
7	7.400	770	776	784	rVB	51573	87297	16.28%	1.510%
8	7.576	799	806	813	rVB	50562	80341	14.99%	1.390%
9	7.787	835	842	850	rVB	53796	89402	16.68%	1.547%
10	8.263	917	923	929	rBV	48944	82534	15.40%	1.428%
11	8.586	974	978	982	rBV	359	804	0.15%	0.014%
12	8.956	1033	1041	1051	rBB	80145	134461	25.08%	2.326%
13	9.432	1115	1122	1129	rVV	53666	93590	17.46%	1.619%
14	9.514	1132	1136	1142	rVB2	4094	5365	1.00%	0.093%
15	10.155	1239	1245	1252	rVB	44104	75351	14.06%	1.304%
16	10.695	1330	1337	1346	rBB	79587	134482	25.09%	2.327%
17	11.089	1395	1404	1414	rVB	86682	152788	28.50%	2.643%
18	11.212	1418	1425	1436	rVV	78455	143941	26.85%	2.490%
19	12.657	1666	1671	1673	rBV2	1166	1867	0.35%	0.032%
20	13.480	1809	1811	1813	rBV	927	951	0.18%	0.016%
21	13.750	1853	1857	1861	rBV	2191	3475	0.65%	0.060%
22	14.267	1939	1945	1950	rBV	187193	276779	51.63%	4.788%
23	14.314	1950	1953	1961	rVB	82739	111383	20.78%	1.927%
24	14.572	1990	1997	2005	rVB	223279	339884	63.40%	5.880%
25	14.743	2022	2026	2030	rVB	1828	2049	0.38%	0.035%
26	14.872	2042	2048	2055	rBV2	155967	245455	45.79%	4.247%
27	15.048	2072	2078	2087	rBV	73249	113985	21.26%	1.972%
28	15.647	2174	2180	2183	rBV	1548	2188	0.41%	0.038%
29	15.688	2183	2187	2191	rVB	3542	4433	0.83%	0.077%
30	15.859	2209	2216	2225	rVB	313865	457169	85.28%	7.909%
31	15.964	2228	2234	2240	rVV	59442	84529	15.77%	1.462%
32	16.094	2250	2256	2261	rVV2	3065	4306	0.80%	0.074%
33	16.158	2263	2267	2271	rVB2	1298	2060	0.38%	0.036%
34	16.546	2328	2333	2336	rBV	4025	5476	1.02%	0.095%

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35	17.333	2462	2467	2473	rBV3	2606	3861	0.72%	0.067%
36	17.386	2473	2476	2482	rVV2	1270	1571	0.29%	0.027%
37	17.609	2507	2514	2521	rVV	200983	296442	55.30%	5.129%
38	17.656	2521	2522	2525	rVV	2556	1811	0.34%	0.031%
39	17.709	2525	2531	2540	rVB	334278	488809	91.18%	8.457%
40	17.974	2571	2576	2578	rBB	602	751	0.14%	0.013%
41	18.073	2590	2593	2596	rBB2	1253	1546	0.29%	0.027%
42	18.467	2657	2660	2664	rVB2	562	859	0.16%	0.015%
43	18.543	2669	2673	2679	rBV	1697	2366	0.44%	0.041%
44	19.378	2812	2815	2820	rVB3	1120	1618	0.30%	0.028%
45	19.554	2842	2845	2849	rVB2	623	842	0.16%	0.015%
46	19.607	2849	2854	2857	rBV2	3038	4327	0.81%	0.075%
47	19.642	2857	2860	2864	rVB	3432	4309	0.80%	0.075%
48	19.865	2892	2898	2901	rBV3	2603	4115	0.77%	0.071%
49	19.977	2910	2917	2926	rBV	372412	536099	100.00%	9.275%
50	20.035	2926	2927	2930	rBV3	929	744	0.14%	0.013%
51	20.253	2961	2964	2967	rBV3	548	916	0.17%	0.016%
52	20.394	2986	2988	2990	rBV2	1006	829	0.15%	0.014%
53	20.476	2999	3002	3006	rVB4	1817	2491	0.46%	0.043%
54	20.511	3006	3008	3010	rBV	758	805	0.15%	0.014%
55	20.570	3017	3018	3023	rBV2	530	835	0.16%	0.014%
56	20.834	3060	3063	3065	rBV2	1217	1576	0.29%	0.027%
57	20.858	3065	3067	3070	rVV4	1177	1437	0.27%	0.025%
58	20.899	3072	3074	3077	rVV2	960	1218	0.23%	0.021%
59	20.922	3077	3078	3080	rVV2	1351	1254	0.23%	0.022%
60	20.952	3080	3083	3085	rVV4	2304	2815	0.53%	0.049%
61	21.005	3089	3092	3094	rVV3	1164	1423	0.27%	0.025%
62	21.046	3097	3099	3100	rBV2	949	787	0.15%	0.014%
63	21.492	3171	3175	3180	rBV2	13534	20793	3.88%	0.360%
64	21.751	3215	3219	3225	rVB2	6419	8976	1.67%	0.155%
65	21.886	3235	3242	3252	rBV	191201	316514	59.04%	5.476%
66	22.321	3314	3316	3321	rVB7	2310	3334	0.62%	0.058%
67	22.697	3376	3380	3388	rVV3	9117	17943	3.35%	0.310%
68	22.832	3401	3403	3406	rBV4	1561	1077	0.20%	0.019%
69	23.020	3430	3435	3440	rVB	5819	11142	2.08%	0.193%
70	23.419	3499	3503	3509	rVB8	2660	5414	1.01%	0.094%
71	23.466	3509	3511	3513	rBV3	1096	814	0.15%	0.014%

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72	23.631	3533	3539	3542	rBV5	1832	4164	0.78%	0.072%
73	23.795	3559	3567	3574	rBV3	30622	62498	11.66%	1.081%
74	24.071	3612	3614	3621	rVB6	1705	3553	0.66%	0.061%
75	24.165	3628	3630	3633	rBV4	1143	1417	0.26%	0.025%
76	24.195	3633	3635	3638	rVV3	1338	1541	0.29%	0.027%
77	24.277	3642	3649	3654	rVV2	23011	49641	9.26%	0.859%
78	24.336	3654	3659	3673	rVV2	37174	98808	18.43%	1.709%
79	24.706	3719	3722	3723	rBV2	1676	1671	0.31%	0.029%
80	25.029	3766	3777	3791	rVB	187353	521444	97.27%	9.021%
81	25.258	3806	3816	3827	rBV	105590	298671	55.71%	5.167%
82	25.528	3860	3862	3864	rBV2	1235	1428	0.27%	0.025%
83	25.828	3905	3913	3921	rBV7	15828	41560	7.75%	0.719%
84	26.057	3950	3952	3955	rBV3	916	1064	0.20%	0.018%
85	26.474	4014	4023	4036	rVB3	27092	82601	15.41%	1.429%
86	26.597	4038	4044	4045	rBV6	2958	5109	0.95%	0.088%
87	26.926	4099	4100	4103	rBV3	1665	1357	0.25%	0.023%
88	27.995	4280	4282	4286	rBV4	1023	1190	0.22%	0.021%
89	29.264	4496	4498	4501	rBV3	1031	1188	0.22%	0.021%
90	29.476	4532	4534	4536	rBV3	1372	1480	0.28%	0.026%
91	29.640	4550	4562	4563	rBV7	6545	17038	3.18%	0.295%
92	29.863	4596	4600	4601	rBV5	1528	1785	0.33%	0.031%
93	30.022	4618	4627	4630	rBV10	5977	15813	2.95%	0.274%
94	30.169	4644	4652	4657	rBV10	6959	21497	4.01%	0.372%
95	30.451	4697	4700	4702	rBV4	1120	1022	0.19%	0.018%
96	30.527	4711	4713	4714	rBV	1236	766	0.14%	0.013%
97	30.880	4771	4773	4774	rBV2	2222	1488	0.28%	0.026%
98	30.903	4775	4777	4778	rVV2	1721	1312	0.24%	0.023%
99	31.620	4895	4899	4900	rVB4	1210	1323	0.25%	0.023%
100	31.896	4944	4946	4947	rBV2	1488	1240	0.23%	0.021%

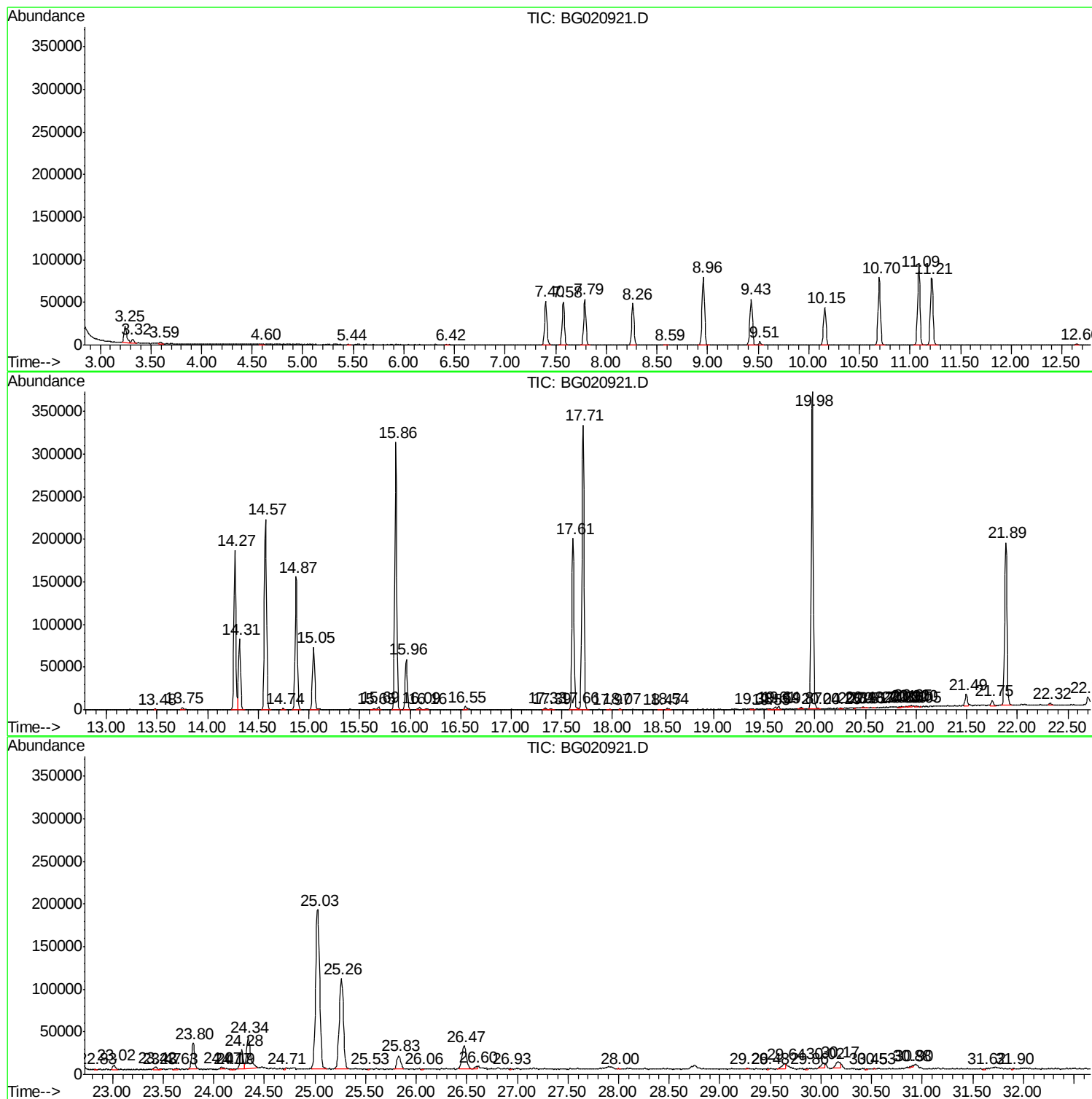
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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



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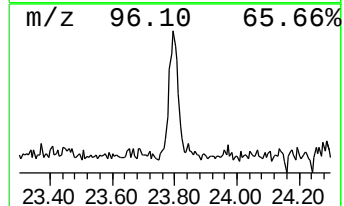
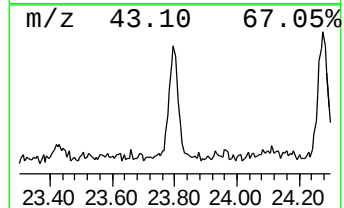
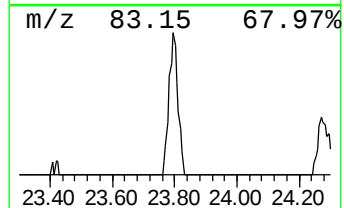
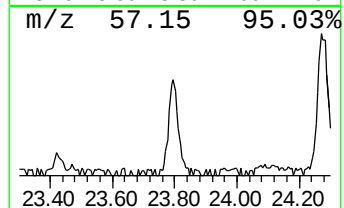
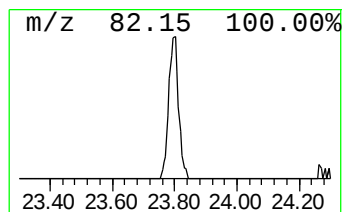
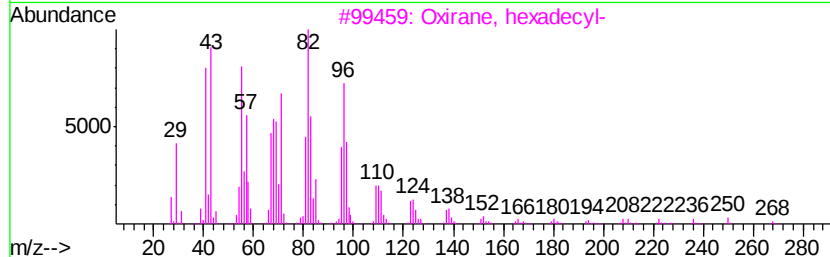
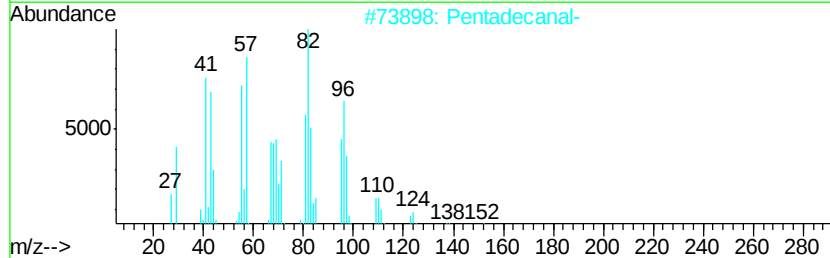
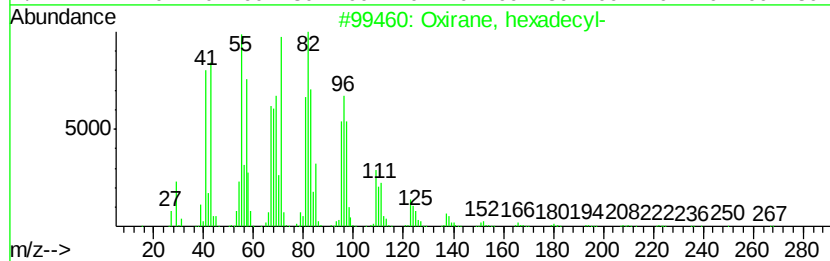
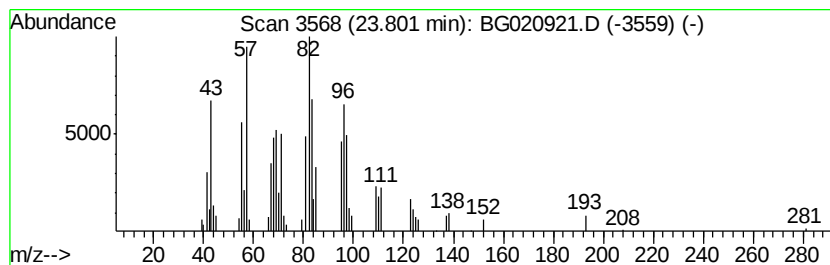
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Oxirane, hexadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	4.19 ng/ul	62498	Perylene-d12	25.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2		Pentadecanal-	226	C15H30O	002765-11-9	90
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4		Octadecanal	268	C18H36O	000638-66-4	86
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81



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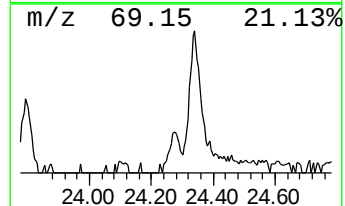
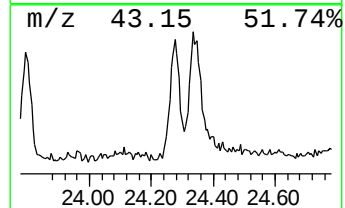
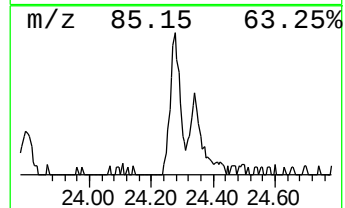
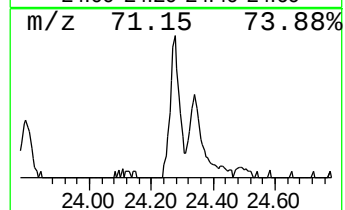
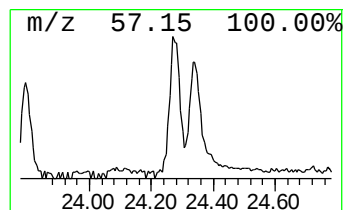
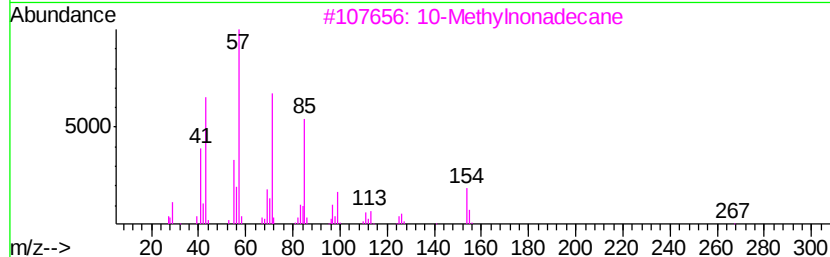
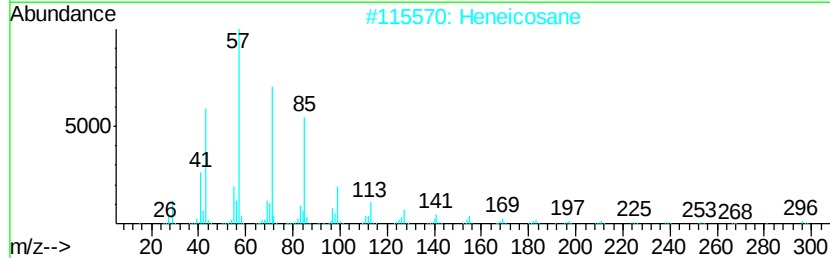
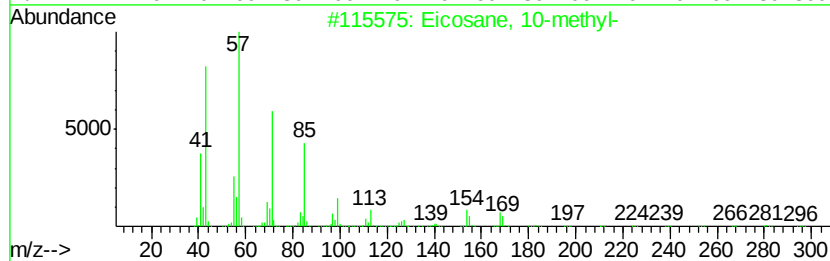
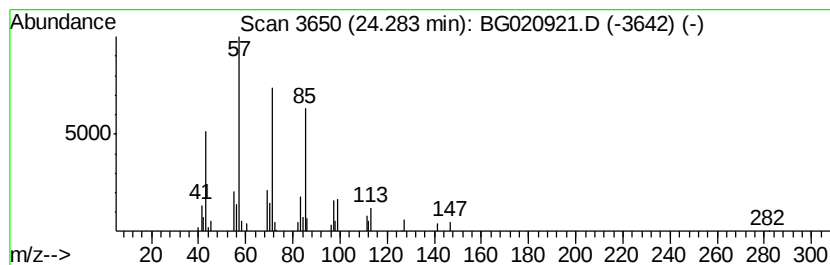
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.28	3.32 ng/ul	49641	Perylene-d12	25.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		10-Methylnonadecane	282	C20H42	056862-62-5	87
4		Heptadecane	240	C17H36	000629-78-7	86
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80



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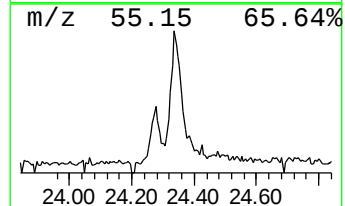
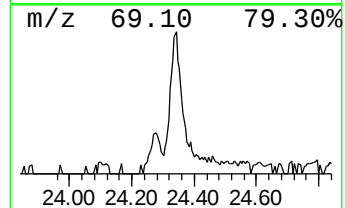
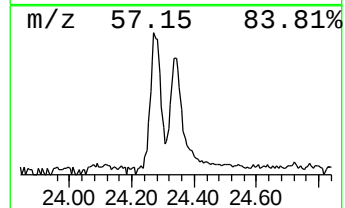
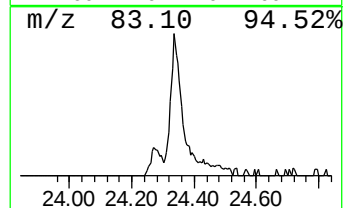
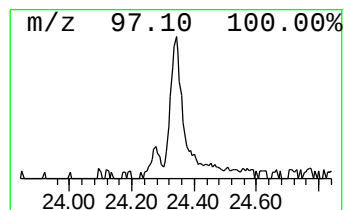
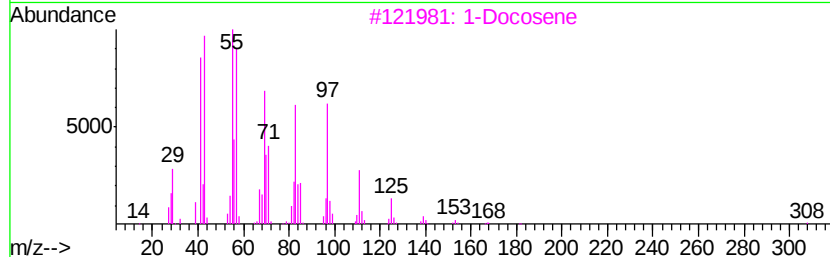
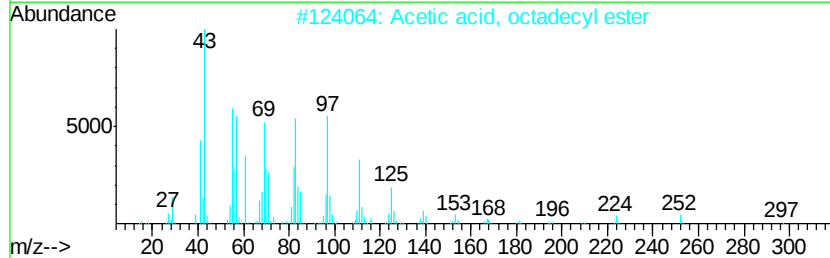
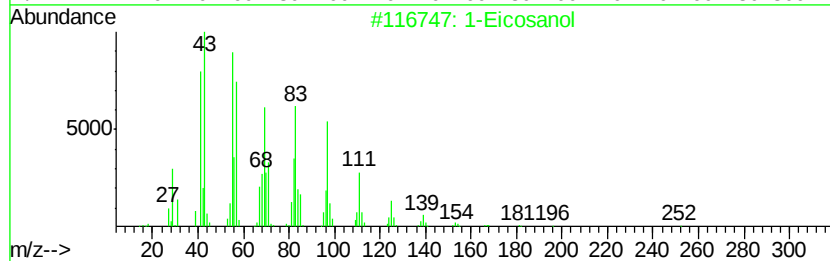
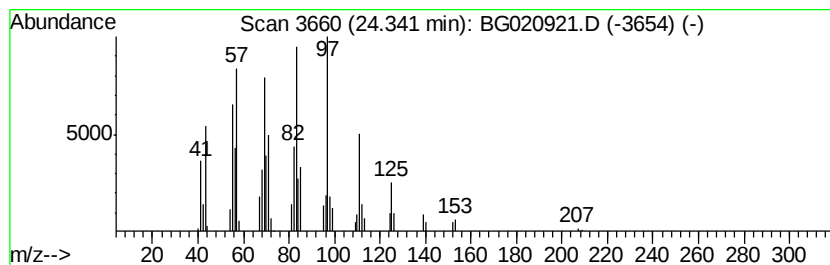
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Peak Number 4 1-Eicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	6.62 ng/ul	98808	Perylene-d12	25.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Eicosanol		298 C20H42O	000629-96-9 87
2	Acetic acid, octadecyl ester		312 C20H40O2	000822-23-1 87
3	1-Docosene		308 C22H44	001599-67-3 81
4	Isoheptadecanol		256 C17H36O	057289-07-3 74
5	1-Hexacosanol		382 C26H54O	000506-52-5 72



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Sample : H1477-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0311-S01-0003

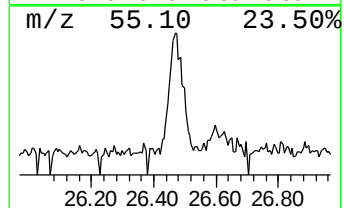
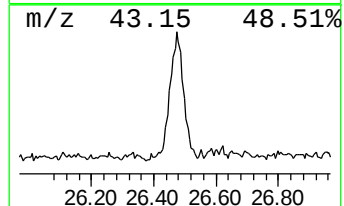
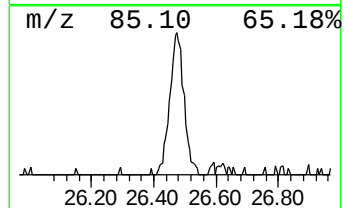
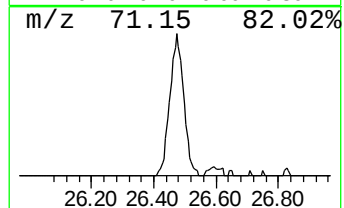
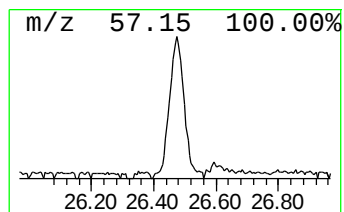
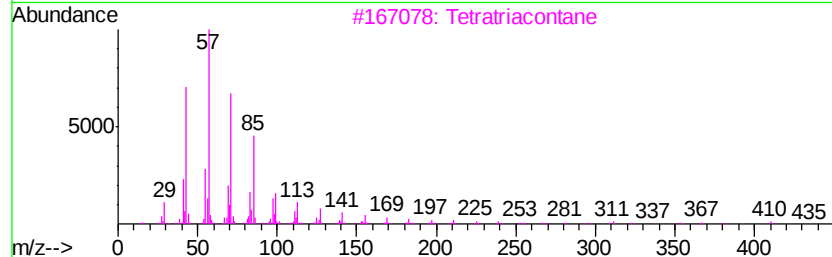
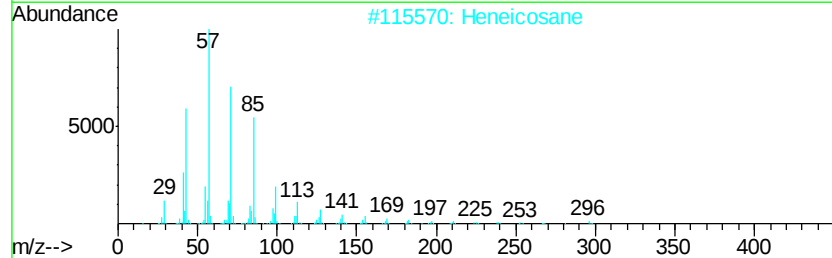
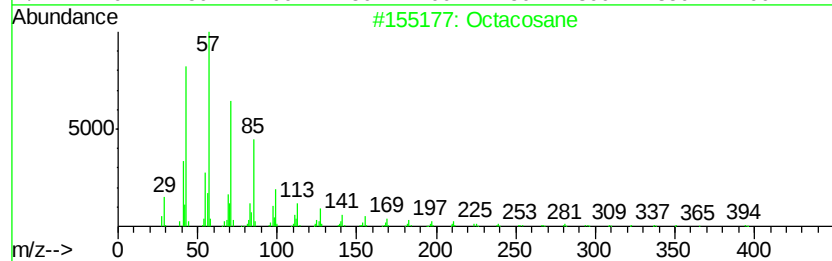
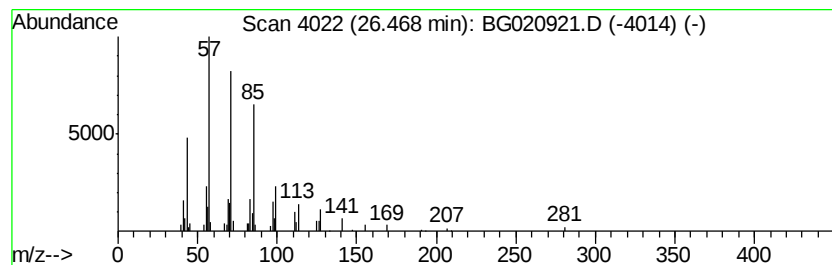
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.47	5.53 ng/ul	82601	Perylene-d12	25.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021716\
Data File : BG020921.D
Acq On : 17 Feb 2016 11:33
Operator : SJ/UM
Sample : H1477-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0311-S01-0003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.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
Oxirane, hexadecyl-	23.80	4.2	ng/ul	62498	6	25.26	298671	20.0
(DEL) Alkane: Str...	24.28	3.3	ng/ul	49641	6	25.26	298671	20.0
1-Eicosanol	24.34	6.6	ng/ul	98808	6	25.26	298671	20.0
(DEL) Alkane: Str...	26.47	5.5	ng/ul	82601	6	25.26	298671	20.0