

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001485.D
 Acq On : 30 May 2015 21:15
 Operator : TP/IZ
 Sample : G2411-07RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB8RE

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-BM052915.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	2.799	16	19	25	rVB	30907	41757	1.60%	0.097%
2	3.093	66	69	76	rBV	22139	34410	1.32%	0.080%
3	3.334	106	110	117	rBV2	40913	52346	2.00%	0.122%
4	3.793	183	188	197	rBV2	105198	159132	6.08%	0.371%
5	4.110	238	242	247	rVB3	18307	26019	0.99%	0.061%
6	4.210	254	259	265	rBV	53610	73797	2.82%	0.172%
7	4.469	298	303	311	rVB2	34060	53647	2.05%	0.125%
8	4.581	317	322	331	rBV	27320	45112	1.72%	0.105%
9	5.463	467	472	480	rVB	23749	36217	1.38%	0.084%
10	5.899	542	546	557	rBV	73572	124524	4.76%	0.290%
11	6.434	632	637	642	rVV3	18708	30443	1.16%	0.071%
12	6.522	647	652	656	rVV2	17940	27590	1.05%	0.064%
13	6.581	656	662	673	rVV	563201	897697	34.32%	2.091%
14	6.722	680	686	695	rVV	416145	605239	23.14%	1.409%
15	6.916	712	719	727	rBV	574232	874912	33.45%	2.038%
16	6.993	727	732	742	rVV2	20802	40469	1.55%	0.094%
17	7.375	788	797	805	rVB	844942	1286387	49.19%	2.996%
18	8.116	916	923	931	rBV	649362	987478	37.76%	2.300%
19	8.204	931	938	945	rVV	130940	214598	8.21%	0.500%
20	8.534	987	994	1001	rVV	523124	814764	31.15%	1.897%
21	8.704	1017	1023	1032	rBV3	23519	46258	1.77%	0.108%
22	9.257	1105	1117	1123	rBV	438954	718989	27.49%	1.674%
23	9.310	1123	1126	1130	rVB	23882	32124	1.23%	0.075%
24	9.375	1130	1137	1144	rBV	30415	47841	1.83%	0.111%
25	9.463	1146	1152	1160	rBV	41192	83711	3.20%	0.195%
26	9.616	1174	1178	1184	rVB4	16941	28167	1.08%	0.066%
27	9.798	1203	1209	1219	rVV	678512	1100691	42.09%	2.563%
28	9.957	1230	1236	1241	rBV	47084	80148	3.06%	0.187%
29	10.157	1262	1270	1277	rBV	1094045	1796896	68.70%	4.185%
30	10.310	1289	1296	1311	rBV	366957	643000	24.59%	1.497%
31	10.710	1361	1364	1371	rVV4	12899	22785	0.87%	0.053%
32	12.398	1645	1651	1659	rBV2	75780	117597	4.50%	0.274%
33	12.657	1690	1695	1702	rBV	116781	174978	6.69%	0.407%
34	13.486	1830	1836	1840	rVV	972772	1315015	50.28%	3.062%

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35	13.533	1840	1844	1852	rVV	555588	741055	28.33%	1.726%
36	13.751	1873	1881	1891	rBV	1227834	1789274	68.41%	4.167%
37	14.063	1928	1934	1942	rBV2	1391221	2130482	81.46%	4.962%
38	14.310	1969	1976	1992	rBV	399531	647569	24.76%	1.508%
39	14.445	1994	1999	2006	rVV4	32338	65267	2.50%	0.152%
40	14.516	2006	2011	2023	rVV3	76432	132805	5.08%	0.309%
41	14.886	2068	2074	2080	rVV2	20474	35537	1.36%	0.083%
42	14.939	2080	2083	2090	rVB	24330	32189	1.23%	0.075%
43	15.069	2098	2105	2111	rVV	1461314	2052904	78.49%	4.781%
44	15.204	2124	2128	2134	rVV	201238	282293	10.79%	0.657%
45	15.639	2198	2202	2210	rBV7	10078	24969	0.95%	0.058%
46	15.804	2224	2230	2239	rBV2	43214	76121	2.91%	0.177%
47	15.980	2256	2260	2263	rVV2	20393	27747	1.06%	0.065%
48	16.598	2360	2365	2369	rBV2	53351	68109	2.60%	0.159%
49	16.639	2369	2372	2378	rVB4	17498	28566	1.09%	0.067%
50	16.816	2396	2402	2407	rBV	1571761	2206808	84.38%	5.139%
51	16.857	2407	2409	2414	rVB	186721	216783	8.29%	0.505%
52	16.916	2414	2419	2424	rBV	1445218	1925858	73.64%	4.485%
53	17.016	2432	2436	2441	rVB5	19488	26014	0.99%	0.061%
54	17.221	2466	2471	2479	rVB2	36079	62303	2.38%	0.145%
55	17.333	2485	2490	2494	rBV5	52333	67723	2.59%	0.158%
56	17.539	2522	2525	2530	rVB	155893	181249	6.93%	0.422%
57	17.604	2530	2536	2542	rBV7	29794	72156	2.76%	0.168%
58	17.692	2545	2551	2554	rBV2	39611	57889	2.21%	0.135%
59	17.733	2554	2558	2567	rBV2	417067	559395	21.39%	1.303%
60	17.886	2579	2584	2588	rBV2	54954	87182	3.33%	0.203%
61	17.921	2588	2590	2599	rVB	30877	42539	1.63%	0.099%
62	18.027	2602	2608	2610	rBV2	43921	65540	2.51%	0.153%
63	18.163	2627	2631	2633	rVV4	27992	32236	1.23%	0.075%
64	18.198	2634	2637	2640	rVV3	27070	32794	1.25%	0.076%
65	18.239	2640	2644	2649	rVV7	25715	40681	1.56%	0.095%
66	18.298	2651	2654	2661	rVB3	32346	48267	1.85%	0.112%
67	18.621	2706	2709	2714	rVB4	32628	51200	1.96%	0.119%
68	18.668	2714	2717	2719	rBV3	40385	48823	1.87%	0.114%
69	18.762	2728	2733	2736	rBV3	51322	84855	3.24%	0.198%
70	18.886	2749	2754	2760	rBV	512406	708897	27.10%	1.651%
71	19.027	2774	2778	2785	rBV2	131631	209627	8.02%	0.488%

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72	19.221	2806	2811	2815	rBV	1652438	2394797	91.57%	5.577%
73	19.327	2826	2829	2835	rVB3	23838	42525	1.63%	0.099%
74	19.439	2846	2848	2851	rVB	24997	21726	0.83%	0.051%
75	19.492	2854	2857	2863	rVB3	34132	45497	1.74%	0.106%
76	19.598	2869	2875	2879	rVV4	32491	65427	2.50%	0.152%
77	19.715	2892	2895	2897	rBV4	23050	32006	1.22%	0.075%
78	19.757	2899	2902	2906	rVV2	85364	120944	4.62%	0.282%
79	19.798	2906	2909	2913	rVB5	31594	41003	1.57%	0.095%
80	19.857	2916	2919	2923	rVB3	45662	51106	1.95%	0.119%
81	19.915	2925	2929	2932	rVB2	52841	67292	2.57%	0.157%
82	20.057	2950	2953	2956	rVB	36082	40560	1.55%	0.094%
83	20.104	2957	2961	2962	rBV3	42722	56583	2.16%	0.132%
84	20.504	3027	3029	3033	rVB	49590	54257	2.07%	0.126%
85	20.709	3062	3064	3067	rBV2	35955	39640	1.52%	0.092%
86	20.751	3067	3071	3077	rVV2	596800	741341	28.35%	1.726%
87	20.956	3103	3106	3110	rBV	138893	162616	6.22%	0.379%
88	21.027	3111	3118	3121	rVV2	1814428	2615382	100.00%	6.091%
89	21.062	3121	3124	3132	rVB	287647	394218	15.07%	0.918%
90	21.621	3214	3219	3226	rBV2	194132	390357	14.93%	0.909%
91	22.033	3286	3289	3292	rVB3	92312	109702	4.19%	0.255%
92	22.151	3306	3309	3314	rVB	121204	160655	6.14%	0.374%
93	22.245	3321	3325	3330	rBV2	209386	256295	9.80%	0.597%
94	22.498	3364	3368	3371	rBV	488478	729425	27.89%	1.699%
95	22.539	3371	3375	3384	rVB2	1185600	1825684	69.81%	4.252%
96	22.939	3440	3443	3446	rBV	113420	162297	6.21%	0.378%
97	22.986	3446	3451	3456	rBV2	973473	1684805	64.42%	3.924%
98	23.115	3467	3473	3479	rBV	1190426	1918491	73.35%	4.468%
99	23.592	3549	3554	3562	rVB	419256	781173	29.87%	1.819%
100	23.674	3564	3568	3577	rVB4	169890	335955	12.85%	0.782%

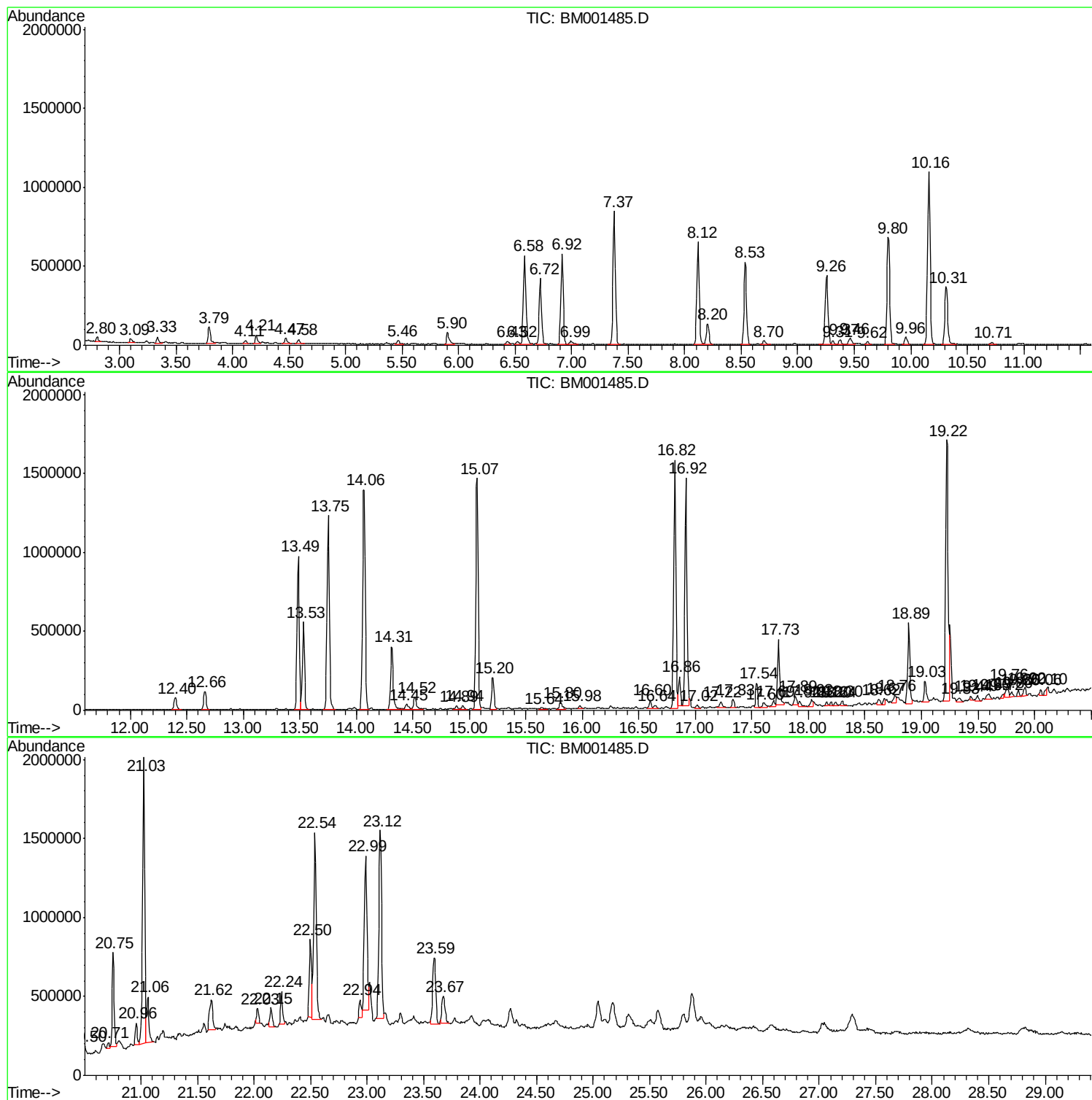
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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



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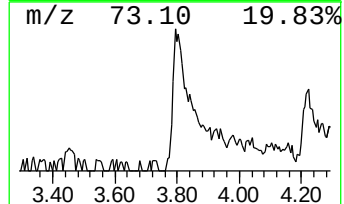
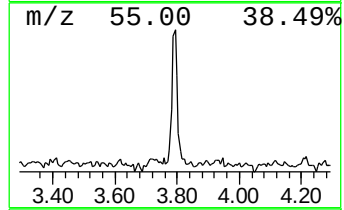
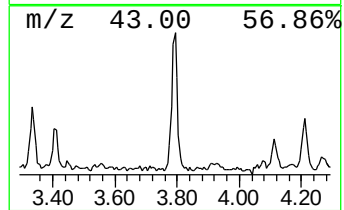
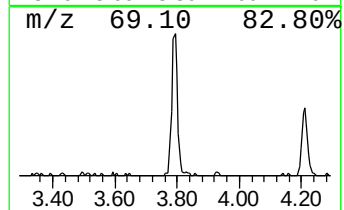
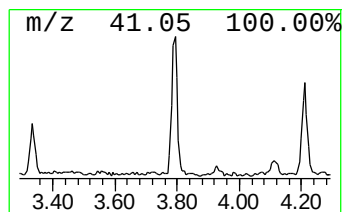
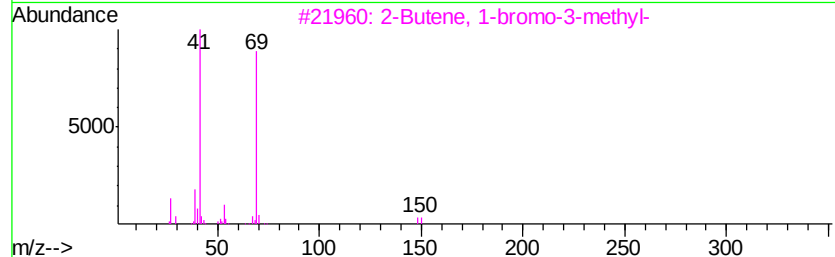
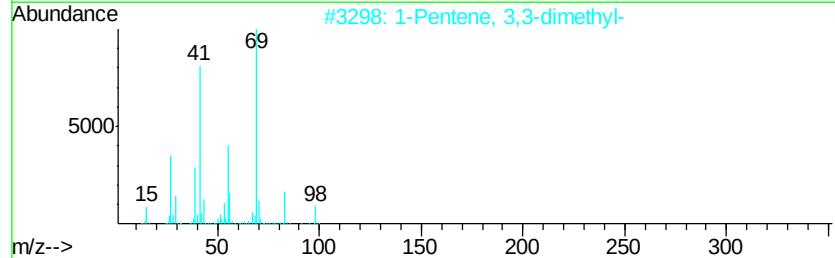
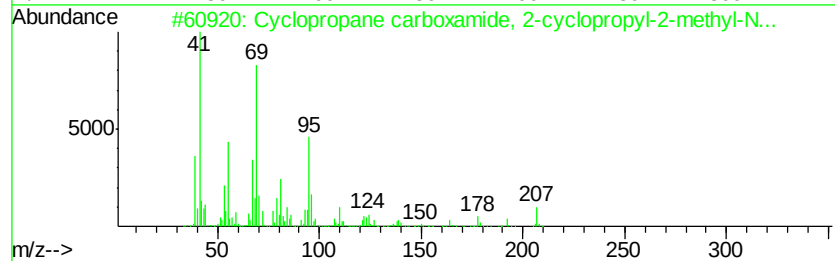
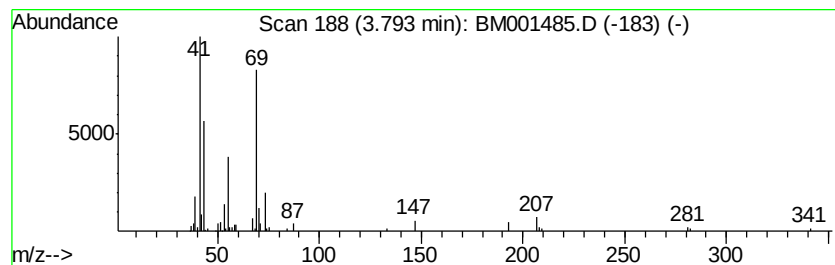
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	2.47 ng/ul	159132	1,4-Dichlorobenzene-d4	7.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	40
2		1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	38
3		2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	38
4		1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	38
5		3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	38



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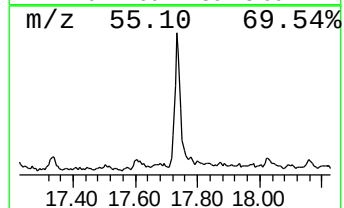
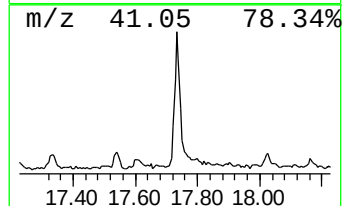
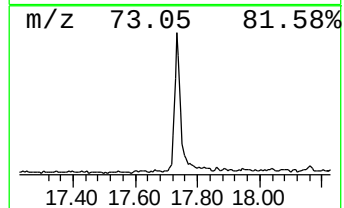
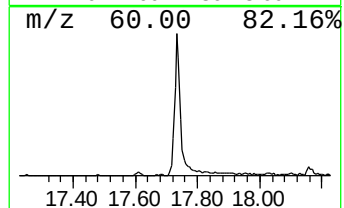
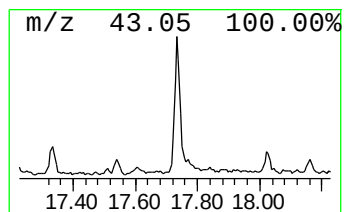
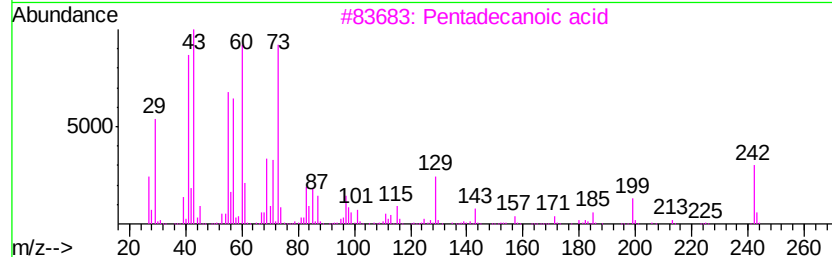
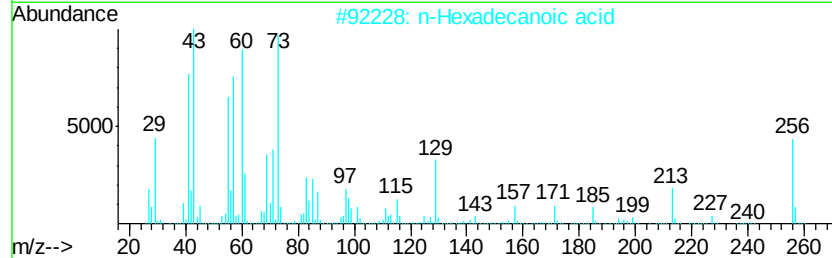
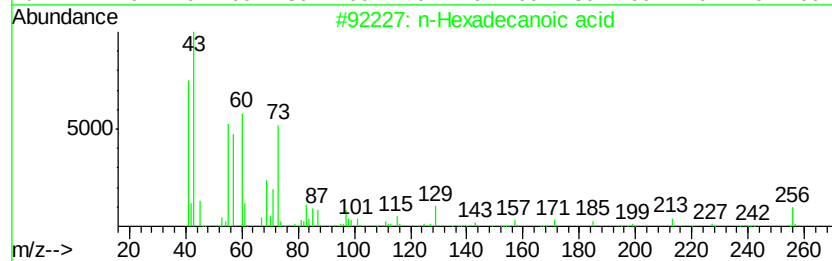
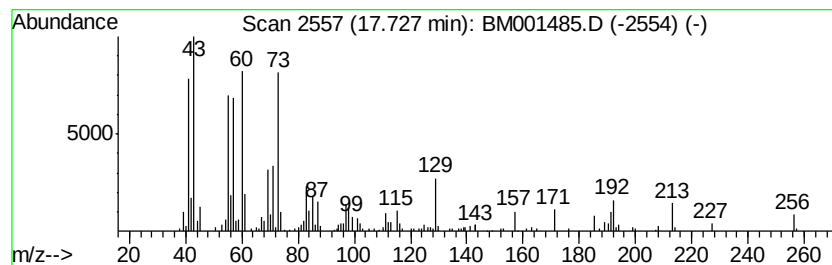
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	5.07 ng/ul	559395	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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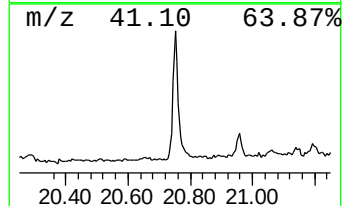
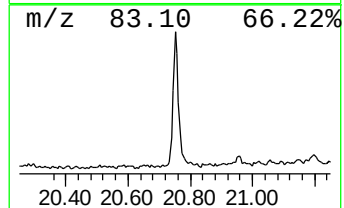
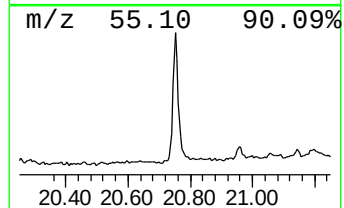
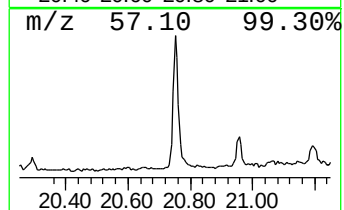
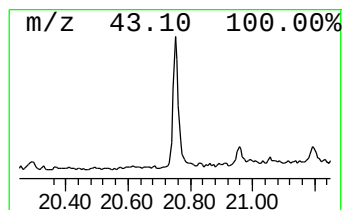
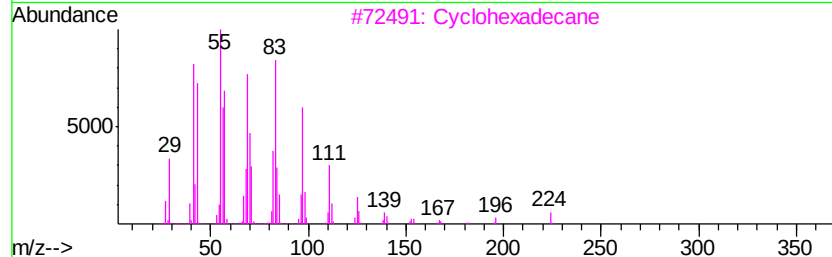
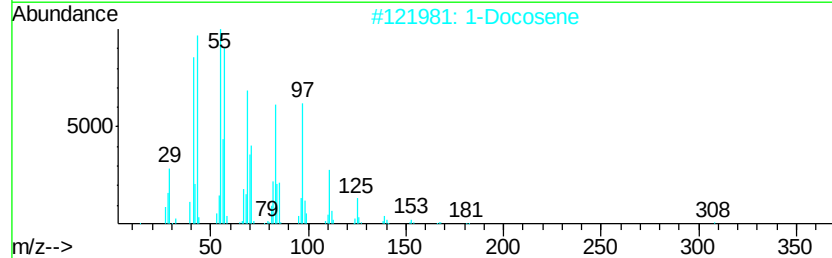
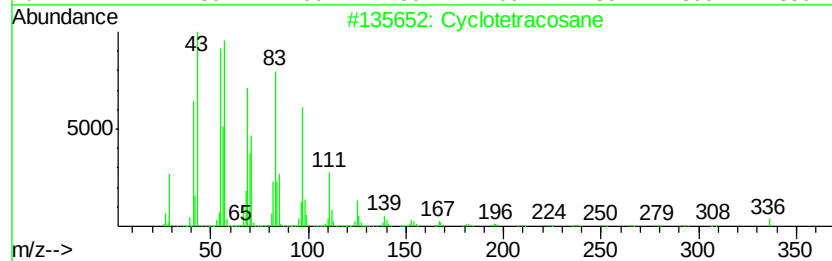
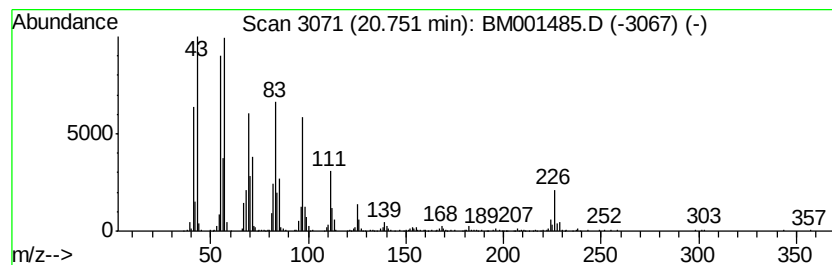
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Peak Number 3 (DEL) Alkane: Cyclic-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.75	5.67 ng/ul	741341	Chrysene-d12		21.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	1-Docosene	308	C22H44	001599-67-3	91
3	Cyclohexadecane	224	C16H32	000295-65-8	89
4	1-Hexadecene	224	C16H32	000629-73-2	87
5	1-Nonadecanol	284	C19H40O	001454-84-8	87



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Operator : TP/IZ
Sample : G2411-07RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

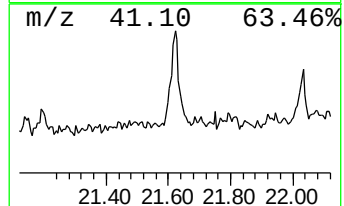
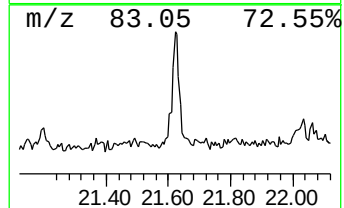
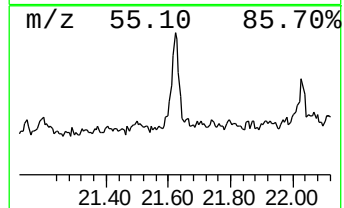
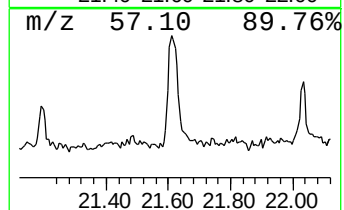
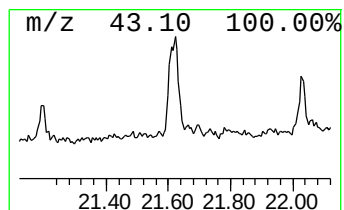
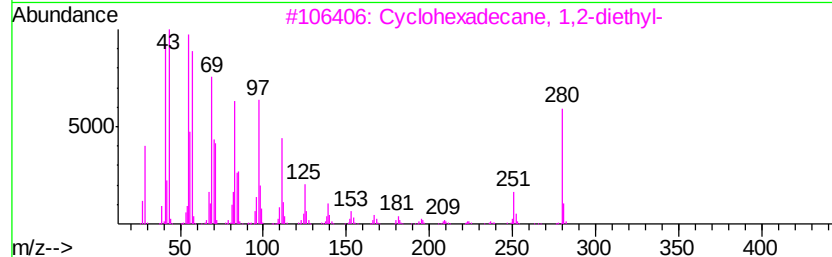
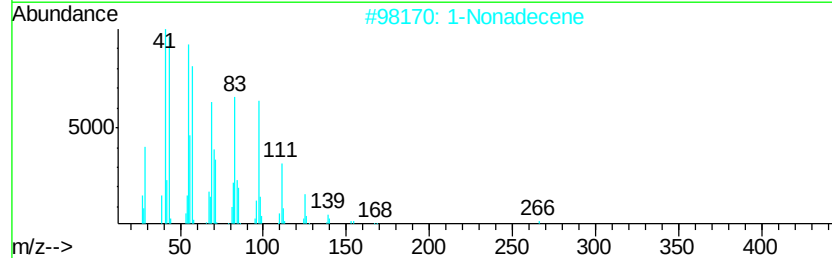
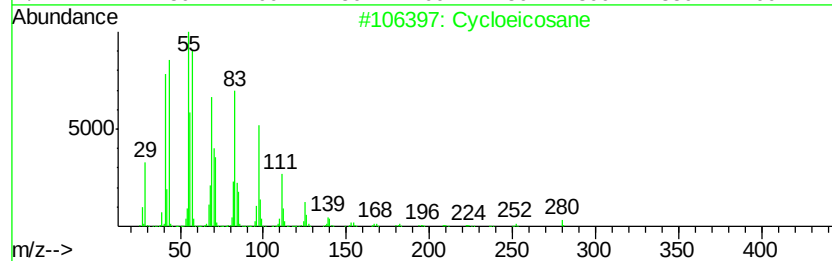
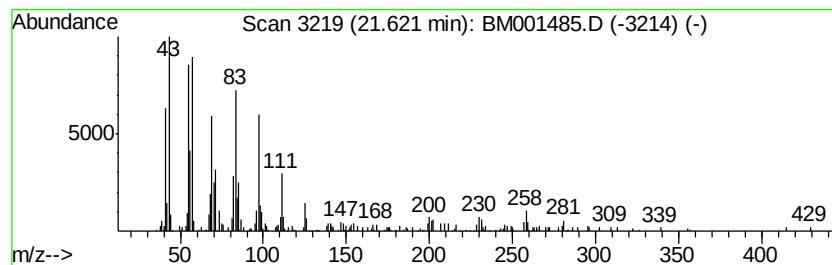
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.62	2.99 ng/ul	390357	Chrysene-d12		21.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	96
2	1-Nonadecene	266	C19H38	018435-45-5	96
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	1-Nonadecene	266	C19H38	018435-45-5	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
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Acq On : 30 May 2015 21:15
Operator : TP/IZ
Sample : G2411-07RE
Misc :
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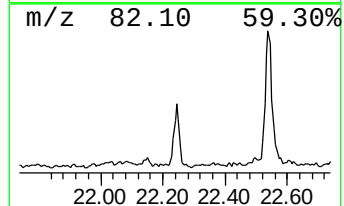
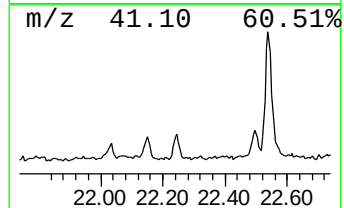
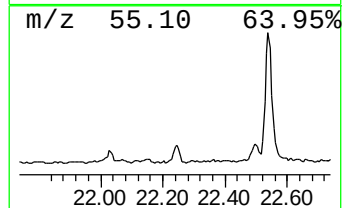
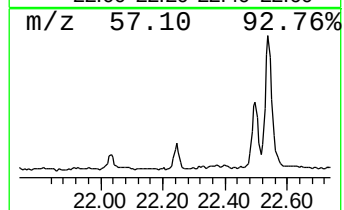
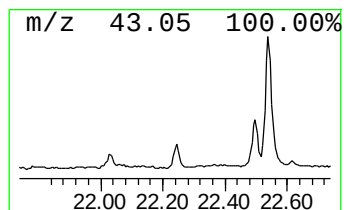
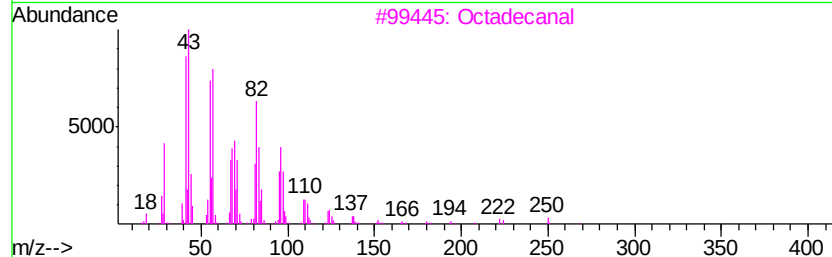
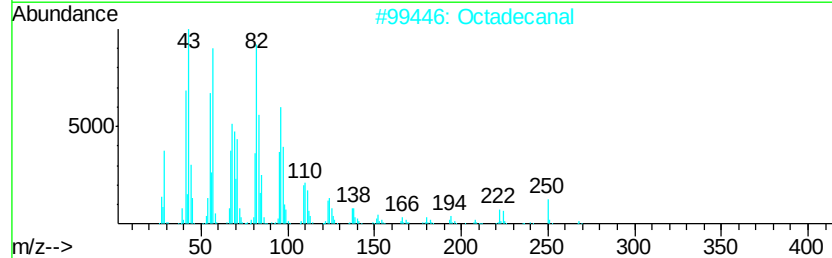
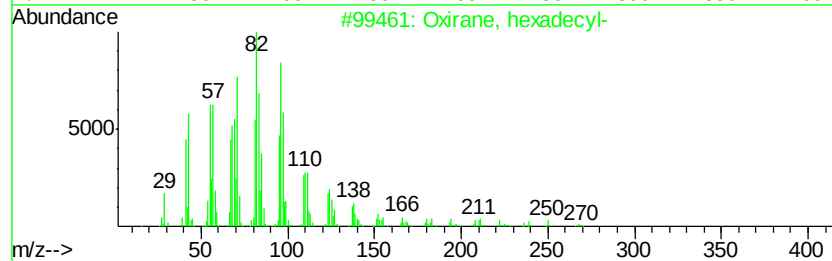
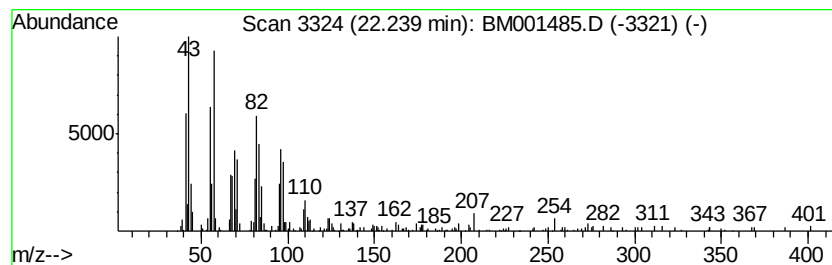
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.24	2.67 ng/ul	256295	Perylene-d12		23.12
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2	Octadecanal	268	C18H36O	000638-66-4	81
3	Octadecanal	268	C18H36O	000638-66-4	76
4	16-Octadecenal	266	C18H34O	056554-87-1	74
5	15-Octadecenal	266	C18H34O	056554-93-9	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001485.D
Acq On : 30 May 2015 21:15
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Sample : G2411-07RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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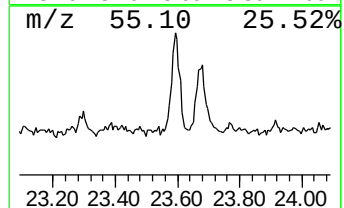
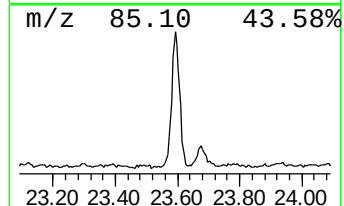
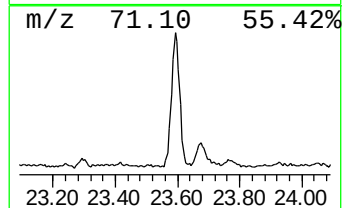
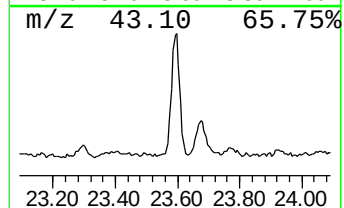
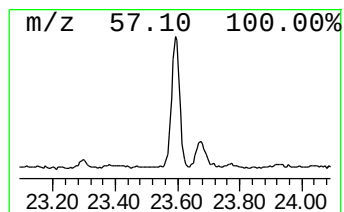
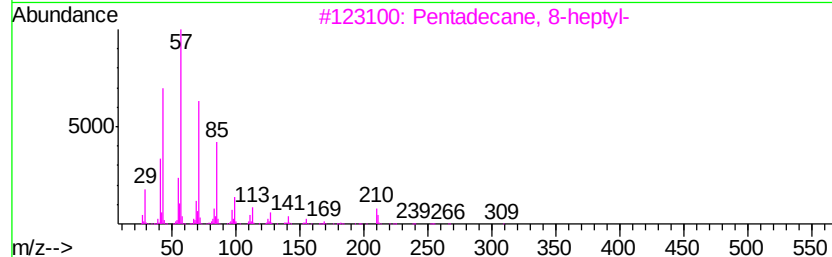
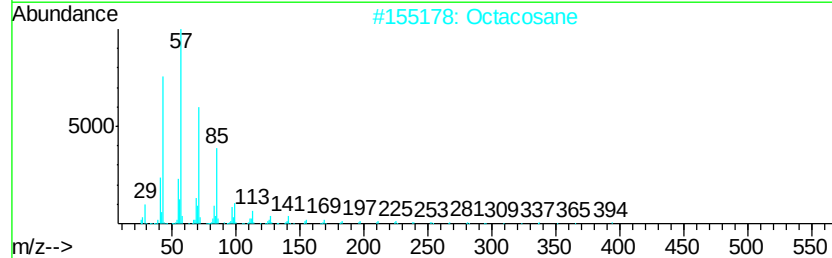
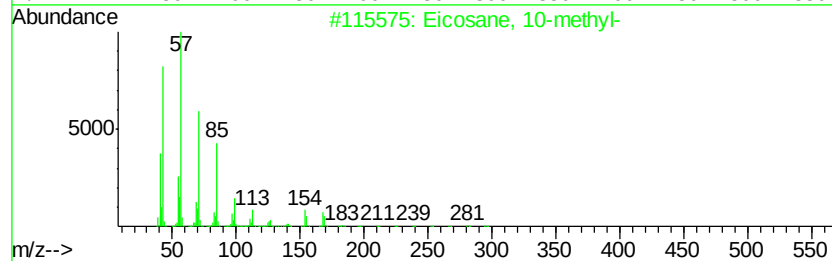
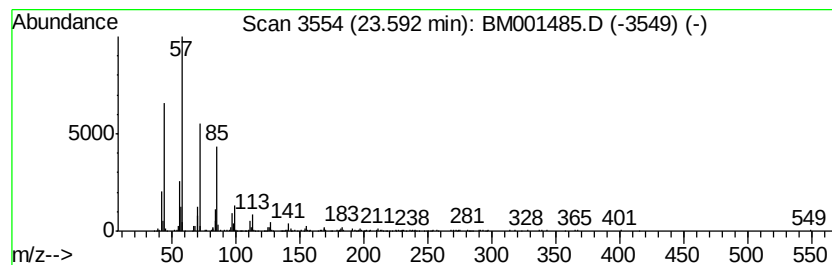
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Ch-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	8.14 ng/ul	781173	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Eicosane, 9-octyl-	394	C28H58	013475-77-9	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001485.D
Acq On : 30 May 2015 21:15
Operator : TP/IZ
Sample : G2411-07RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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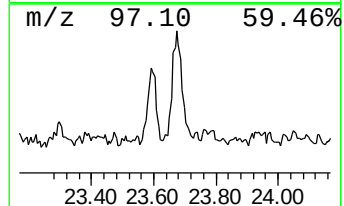
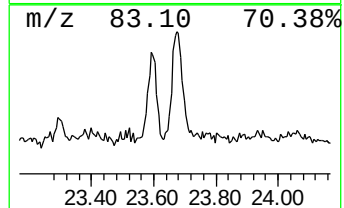
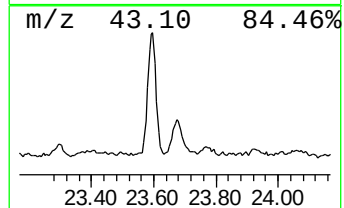
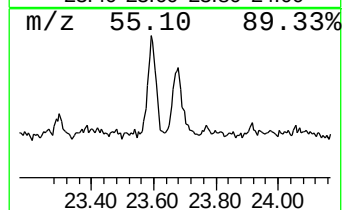
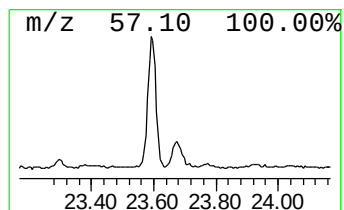
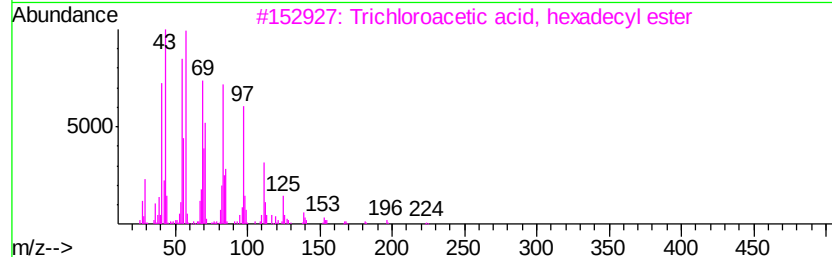
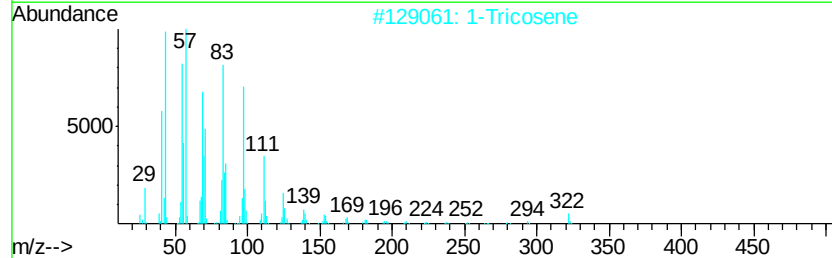
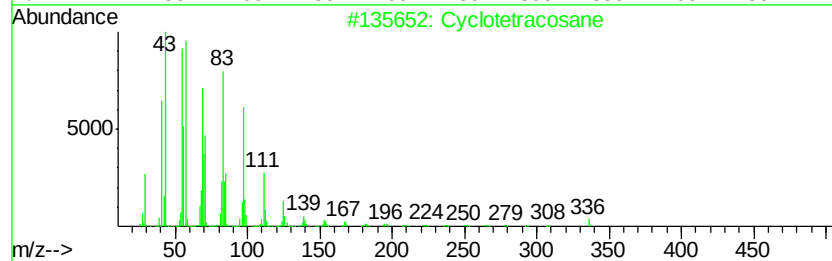
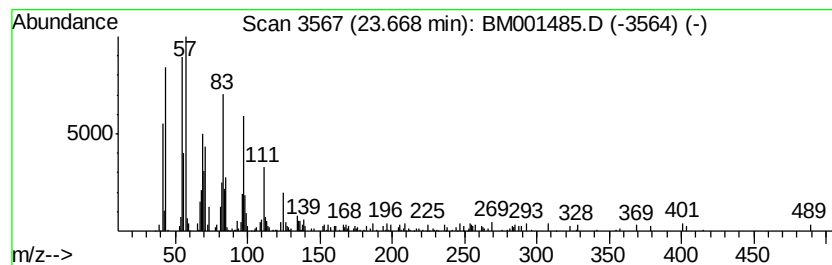
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	3.50 ng/ul	335955	Perylene-d12	23.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	90
2			1-Tricosene	322	C23H46	018835-32-0	90
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4			1-Nonadecene	266	C19H38	018435-45-5	89
5			1-Nonadecene	266	C19H38	018435-45-5	89



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001485.D
Acq On : 30 May 2015 21:15
Operator : TP/IZ
Sample : G2411-07RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.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
unknown-01	3.79	2.5	ng/ul	159132	1	7.37	1286390	20.0
n-Hexadecanoic acid	17.73	5.1	ng/ul	559395	4	16.82	2206810	20.0
(DEL) Alkane: Cyc...	20.75	5.7	ng/ul	741341	5	21.03	2615380	20.0
(DEL) Alkane: Cyc...	21.62	3.0	ng/ul	390357	5	21.03	2615380	20.0
Oxirane, hexadecyl-	22.24	2.7	ng/ul	256295	6	23.12	1918490	20.0
(DEL) Alkane: Str...	23.59	8.1	ng/ul	781173	6	23.12	1918490	20.0
(DEL) Alkane: Cyc...	23.67	3.5	ng/ul	335955	6	23.12	1918490	20.0