

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001483.D
 Acq On : 30 May 2015 20:02
 Operator : TP/IZ
 Sample : G2411-19RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRD0RE

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	24	rVB2	30983	39522	0.79%	0.067%
2	5.916	545	549	556	rBV	11898	24384	0.49%	0.042%
3	6.587	656	663	671	rBV	636853	977540	19.51%	1.669%
4	6.722	680	686	698	rVV	476648	690997	13.79%	1.180%
5	6.916	711	719	726	rBV	668101	1006607	20.09%	1.718%
6	7.375	791	797	805	rVB	777369	1174573	23.44%	2.005%
7	8.116	916	923	931	rBV	773664	1185298	23.65%	2.024%
8	8.534	988	994	1001	rBV	601661	930807	18.57%	1.589%
9	8.698	1018	1022	1029	rVB5	13241	23444	0.47%	0.040%
10	8.975	1065	1069	1078	rVB2	19570	29413	0.59%	0.050%
11	9.257	1110	1117	1123	rBV	524827	829016	16.54%	1.415%
12	9.798	1203	1209	1221	rBV	763987	1277846	25.50%	2.182%
13	9.957	1230	1236	1242	rVB2	23603	38127	0.76%	0.065%
14	10.157	1263	1270	1282	rVB	1002054	1650836	32.94%	2.818%
15	10.316	1290	1297	1313	rBV	368056	687514	13.72%	1.174%
16	11.857	1552	1559	1567	rBV6	16856	46441	0.93%	0.079%
17	12.398	1646	1651	1656	rBV2	30529	45065	0.90%	0.077%
18	12.657	1689	1695	1701	rVB2	49277	68100	1.36%	0.116%
19	13.486	1829	1836	1840	rVV	1148649	1541632	30.76%	2.632%
20	13.533	1840	1844	1853	rVB	312126	438922	8.76%	0.749%
21	13.751	1866	1881	1892	rBV	1501335	2180670	43.52%	3.723%
22	13.939	1906	1913	1917	rBV4	21721	49987	1.00%	0.085%
23	13.980	1917	1920	1924	rVV	26738	36483	0.73%	0.062%
24	14.063	1928	1934	1942	rBV2	1356665	2021862	40.35%	3.452%
25	14.310	1968	1976	1984	rBV	553773	827924	16.52%	1.413%
26	14.445	1993	1999	2005	rBV5	25113	52877	1.06%	0.090%
27	14.515	2007	2011	2015	rVV4	19346	33267	0.66%	0.057%
28	14.939	2079	2083	2088	rVB	39529	51130	1.02%	0.087%
29	15.068	2097	2105	2111	rBV	1747753	2458925	49.07%	4.198%
30	15.204	2123	2128	2135	rBV	309476	427710	8.54%	0.730%
31	15.351	2149	2153	2156	rVB5	14523	23584	0.47%	0.040%
32	15.427	2162	2166	2173	rVB8	14797	30752	0.61%	0.052%
33	15.804	2226	2230	2242	rBV	64428	122824	2.45%	0.210%
34	15.962	2252	2257	2262	rBV7	16500	35067	0.70%	0.060%

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35	16.027	2263	2268	2274	rVV6	26360	44596	0.89%	0.076%
36	16.245	2301	2305	2315	rVV7	32061	68283	1.36%	0.117%
37	16.351	2318	2323	2328	rVV2	29931	60742	1.21%	0.104%
38	16.480	2339	2345	2351	rBV8	12237	30434	0.61%	0.052%
39	16.598	2361	2365	2369	rVV2	72245	92953	1.85%	0.159%
40	16.639	2370	2372	2380	rVB4	20869	38243	0.76%	0.065%
41	16.739	2385	2389	2391	rBV4	20489	25338	0.51%	0.043%
42	16.815	2396	2402	2407	rBV2	1550834	2163636	43.18%	3.694%
43	16.857	2407	2409	2414	rVV	233295	382328	7.63%	0.653%
44	16.915	2414	2419	2431	rVB	1838798	2580854	51.50%	4.406%
45	17.015	2431	2436	2440	rBV5	24733	38062	0.76%	0.065%
46	17.062	2440	2444	2450	rVB4	28114	39317	0.78%	0.067%
47	17.221	2463	2471	2475	rBV5	56864	134792	2.69%	0.230%
48	17.333	2486	2490	2494	rVV2	39786	57090	1.14%	0.097%
49	17.609	2531	2537	2541	rBV6	36472	69966	1.40%	0.119%
50	17.674	2544	2548	2553	rBV2	50711	122457	2.44%	0.209%
51	17.733	2553	2558	2568	rVV2	780656	1063486	21.22%	1.816%
52	17.880	2579	2583	2588	rBV3	49961	93626	1.87%	0.160%
53	17.921	2588	2590	2594	rVB2	31296	35870	0.72%	0.061%
54	18.027	2604	2608	2617	rBV5	45243	104632	2.09%	0.179%
55	18.162	2627	2631	2634	rBV6	20049	27379	0.55%	0.047%
56	18.198	2634	2637	2640	rVV3	37858	43094	0.86%	0.074%
57	18.239	2640	2644	2649	rVB4	40522	59626	1.19%	0.102%
58	18.292	2649	2653	2656	rBV5	20605	34662	0.69%	0.059%
59	18.439	2676	2678	2684	rVB4	21878	34091	0.68%	0.058%
60	18.627	2703	2710	2714	rBV5	31226	68902	1.37%	0.118%
61	18.668	2714	2717	2723	rBV7	35000	78598	1.57%	0.134%
62	18.762	2729	2733	2742	rVB2	81964	134006	2.67%	0.229%
63	18.886	2749	2754	2760	rBV	616931	857697	17.12%	1.464%
64	19.033	2774	2779	2786	rBV3	223111	347991	6.94%	0.594%
65	19.227	2806	2812	2815	rBV	1983678	2821089	56.30%	4.816%
66	19.292	2821	2823	2826	rVB4	23621	22698	0.45%	0.039%
67	19.492	2854	2857	2863	rVB4	36895	53267	1.06%	0.091%
68	19.762	2899	2903	2907	rBV3	152919	192556	3.84%	0.329%
69	19.797	2907	2909	2914	rVB3	50167	59982	1.20%	0.102%
70	19.856	2917	2919	2923	rVB2	40465	42144	0.84%	0.072%
71	19.915	2926	2929	2933	rVB3	51254	76762	1.53%	0.131%

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72	20.086	2955	2958	2961	rBV	160965	190643	3.80%	0.325%
73	20.121	2961	2964	2969	rVB4	77373	118269	2.36%	0.202%
74	20.174	2971	2973	2976	rBV	31494	32153	0.64%	0.055%
75	20.292	2988	2993	2997	rVB4	48537	96196	1.92%	0.164%
76	20.468	3021	3023	3026	rBV3	32407	36385	0.73%	0.062%
77	20.509	3026	3030	3037	rVB3	80455	115427	2.30%	0.197%
78	20.662	3053	3056	3061	rBV2	61838	104921	2.09%	0.179%
79	20.715	3061	3065	3067	rBV	76253	97833	1.95%	0.167%
80	20.750	3067	3071	3077	rVV3	1125608	1452096	28.98%	2.479%
81	20.956	3103	3106	3111	rVB	1007610	1081120	21.57%	1.846%
82	21.027	3111	3118	3121	rBV2	1817082	2510512	50.10%	4.286%
83	21.062	3121	3124	3131	rVB	374861	490712	9.79%	0.838%
84	21.144	3136	3138	3141	rVB2	104652	98420	1.96%	0.168%
85	21.197	3145	3147	3151	rVB2	121023	128607	2.57%	0.220%
86	21.621	3214	3219	3229	rBV2	492674	859113	17.14%	1.467%
87	22.033	3287	3289	3293	rVB2	230094	231476	4.62%	0.395%
88	22.150	3306	3309	3317	rVB2	133174	193986	3.87%	0.331%
89	22.244	3321	3325	3333	rVV	754215	1019271	20.34%	1.740%
90	22.503	3364	3369	3371	rBV2	709833	1091930	21.79%	1.864%
91	22.544	3371	3376	3386	rVB	3280382	5011169	100.00%	8.555%
92	22.944	3441	3444	3446	rBV	89144	123546	2.47%	0.211%
93	22.986	3446	3451	3457	rBV2	1217975	2169443	43.29%	3.704%
94	23.121	3468	3474	3479	rBV	1169767	1878152	37.48%	3.206%
95	23.597	3549	3555	3561	rBV	821197	1478098	29.50%	2.523%
96	23.674	3564	3568	3579	rVB	447998	831207	16.59%	1.419%
97	25.050	3796	3802	3808	rBV2	315131	774781	15.46%	1.323%
98	25.180	3820	3824	3838	rVB5	257143	678545	13.54%	1.158%
99	25.338	3842	3851	3863	rVB5	329373	1358197	27.10%	2.319%
100	25.879	3937	3943	3952	rVB3	408385	1063405	21.22%	1.815%

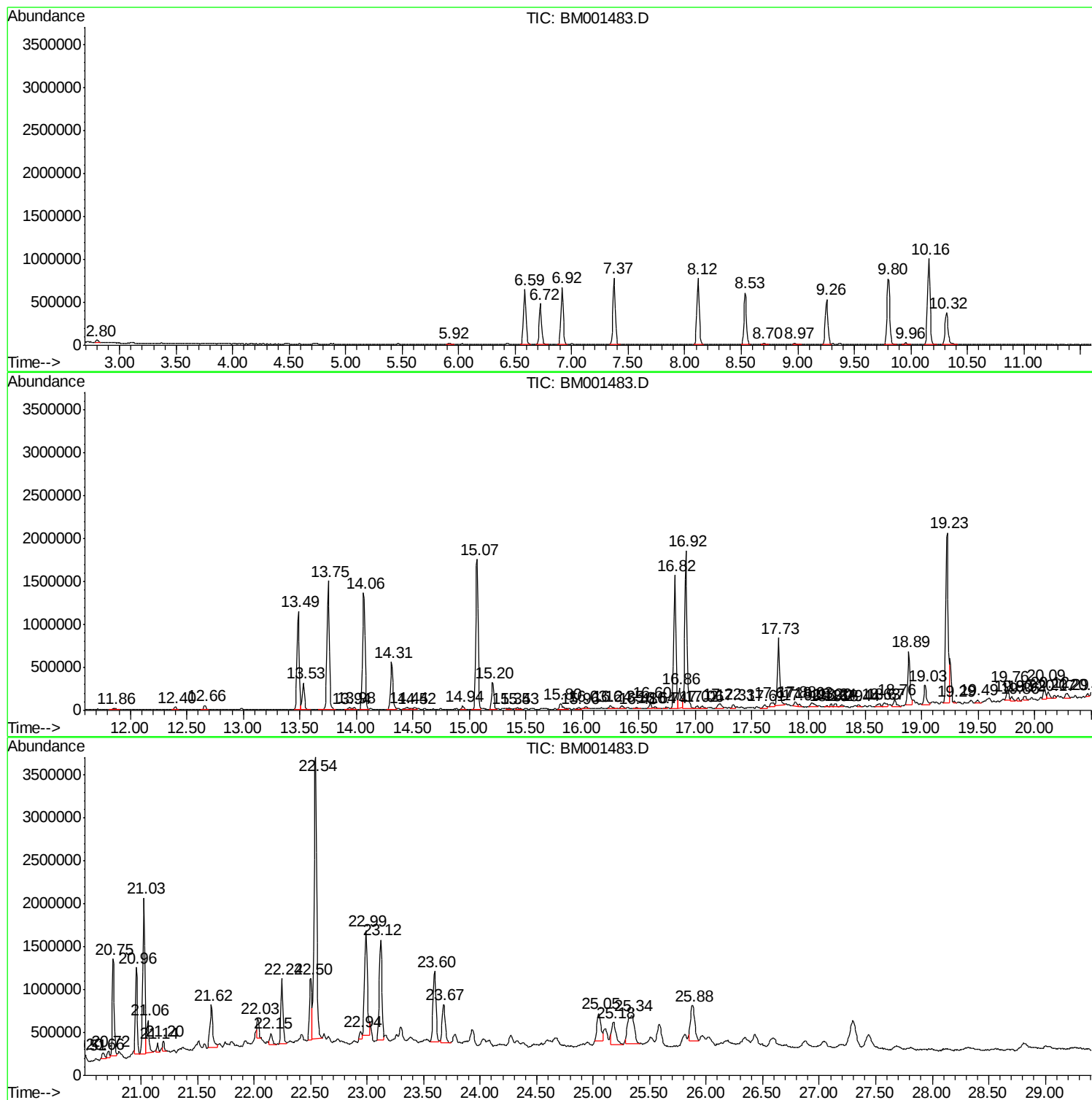
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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



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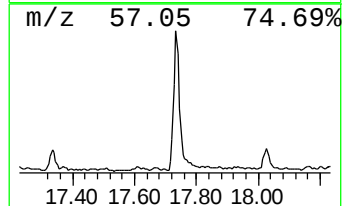
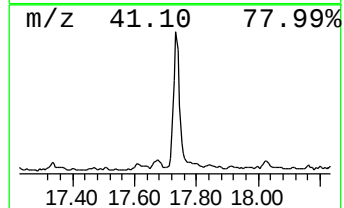
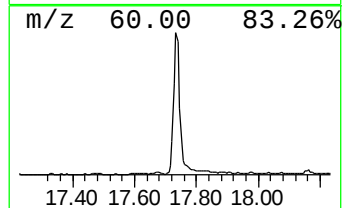
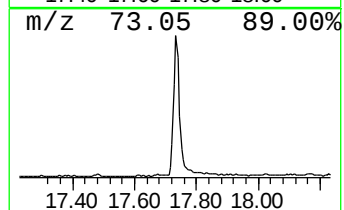
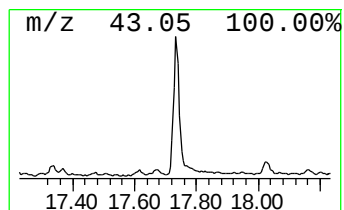
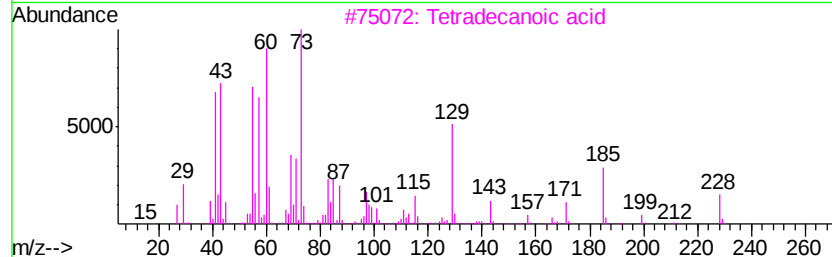
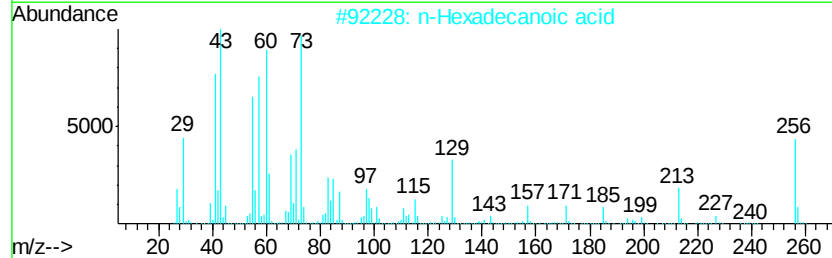
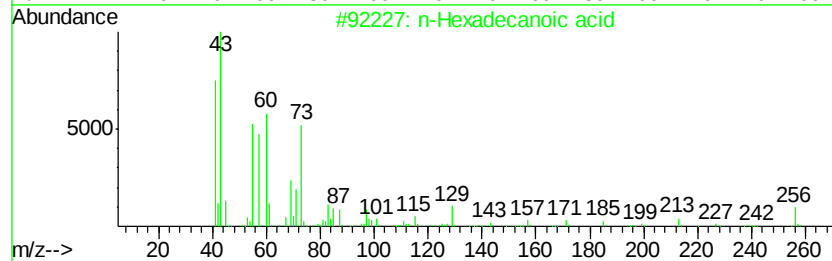
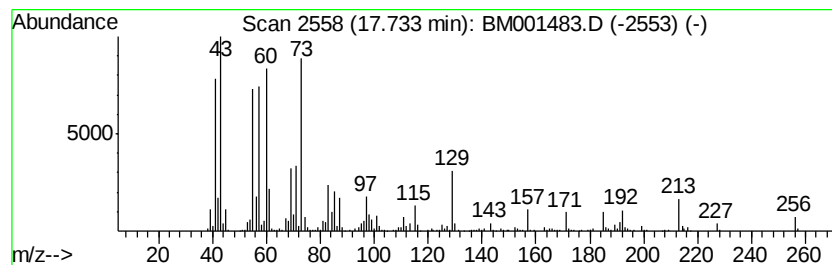
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	9.83 ng/ul	1063490	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	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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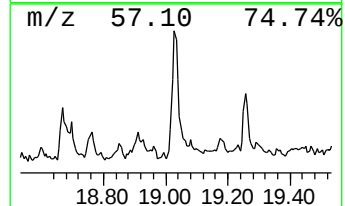
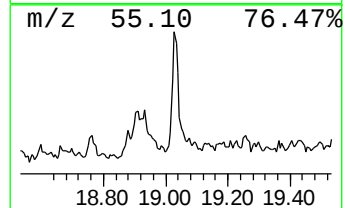
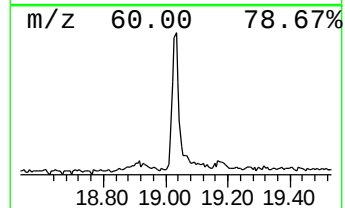
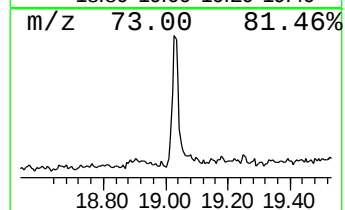
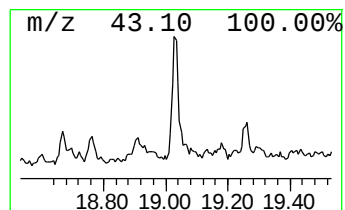
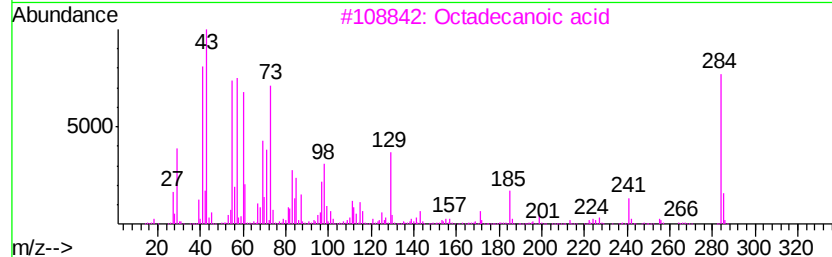
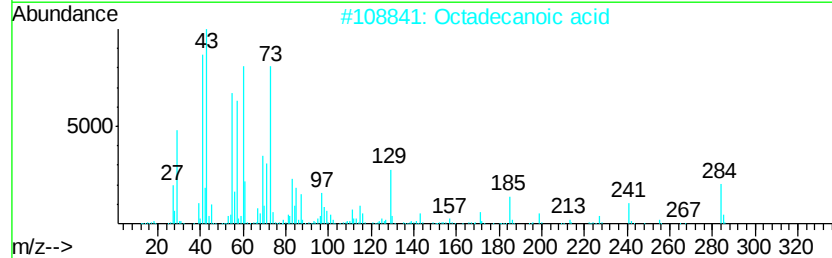
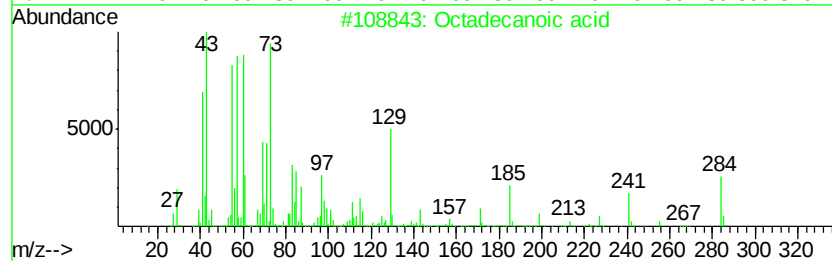
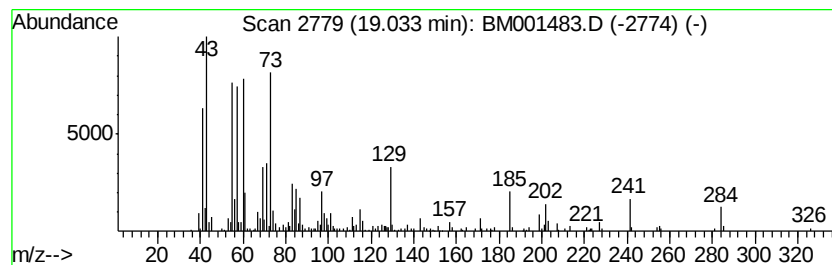
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	2.77 ng/ul	347991	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92



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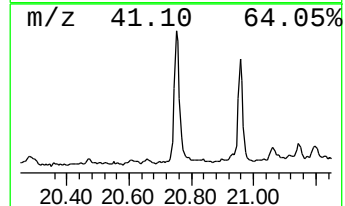
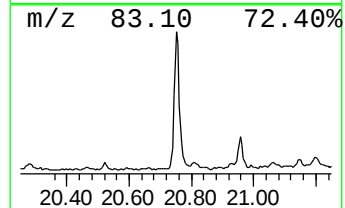
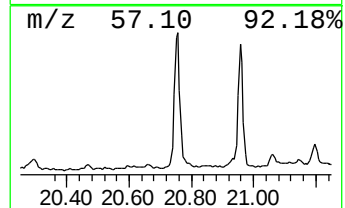
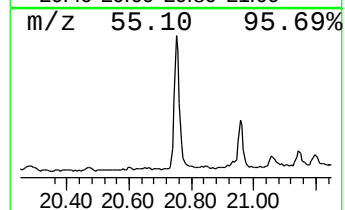
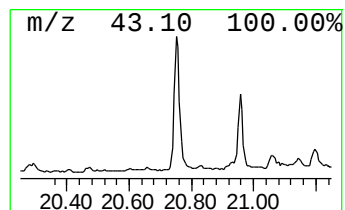
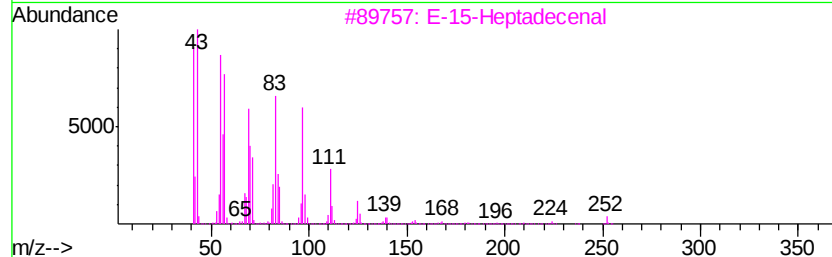
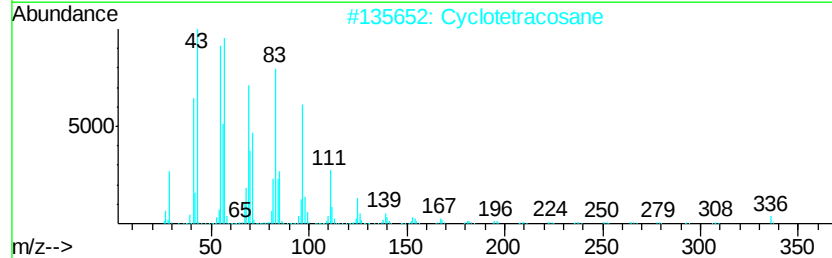
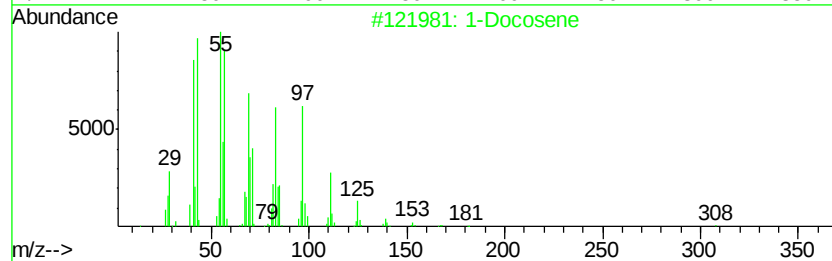
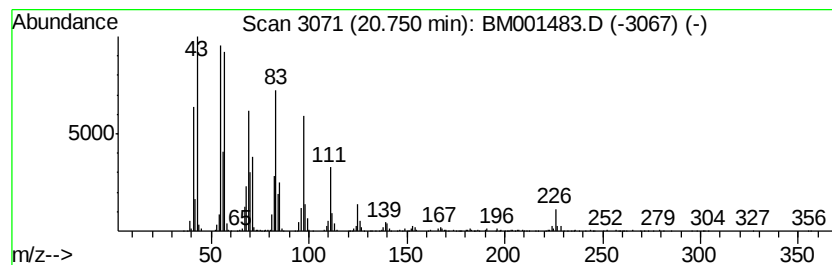
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.75	11.57 ng/ul	1452100	Chrysene-d12	21.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Acetic acid, trifluoro-, hexadec...	338	C18H33F3O2	006222-03-3	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001483.D
Acq On : 30 May 2015 20:02
Operator : TP/IZ
Sample : G2411-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRD0RE

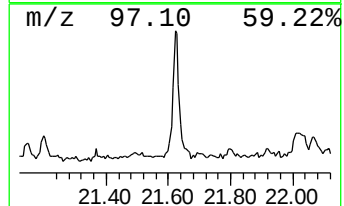
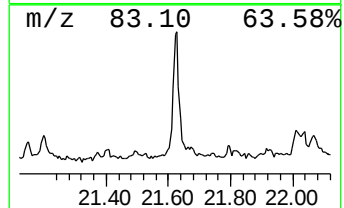
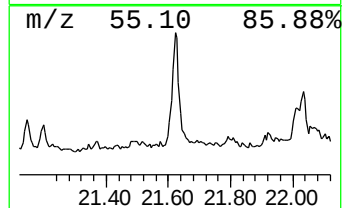
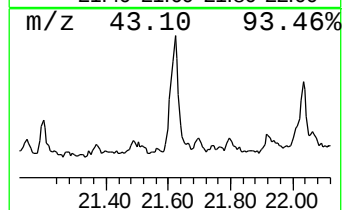
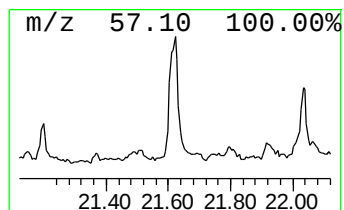
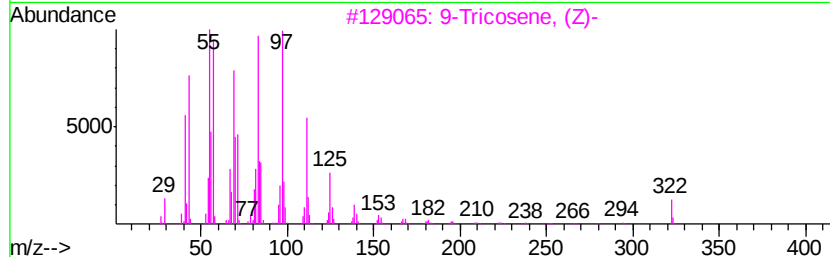
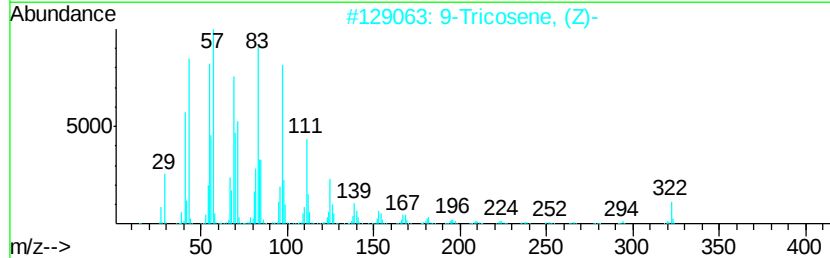
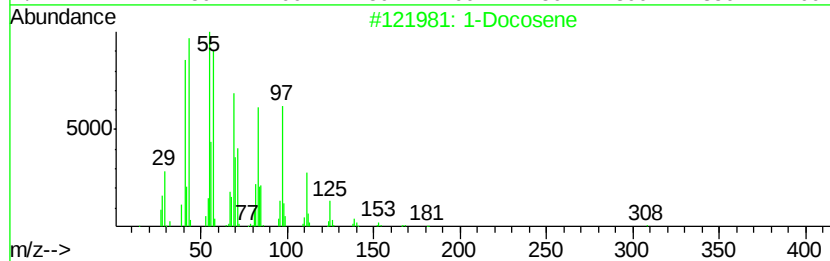
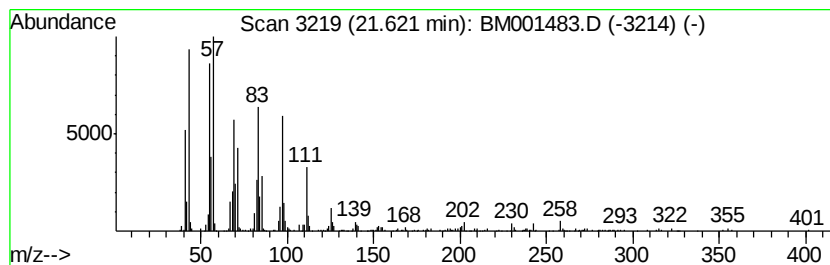
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	6.84 ng/ul	859113	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	96
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
4		Cyclooctacosane	392	C28H56	000297-24-5	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001483.D
Acq On : 30 May 2015 20:02
Operator : TP/IZ
Sample : G2411-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

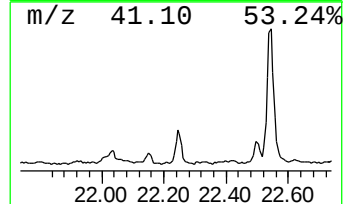
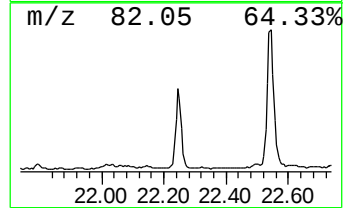
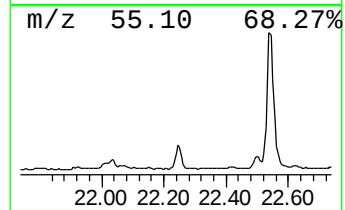
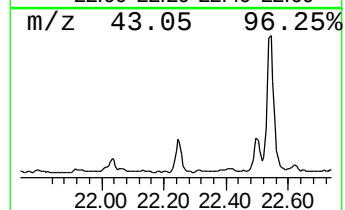
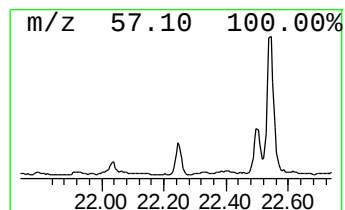
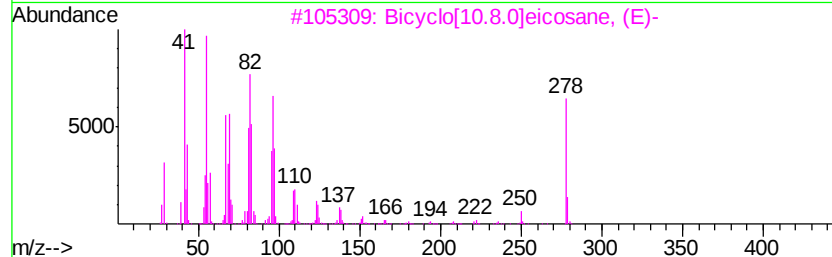
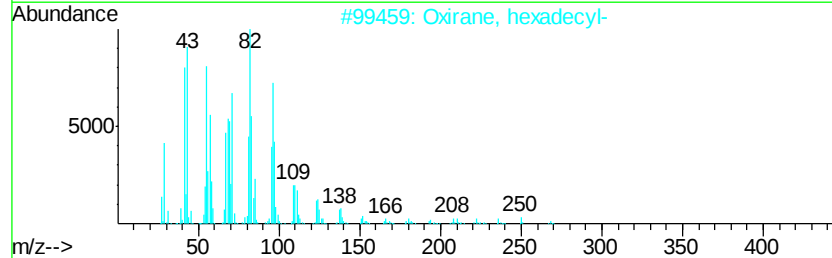
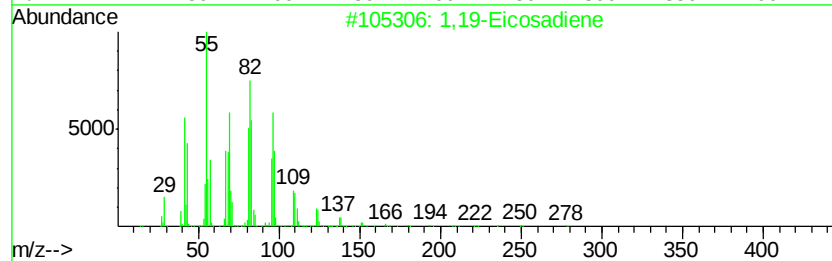
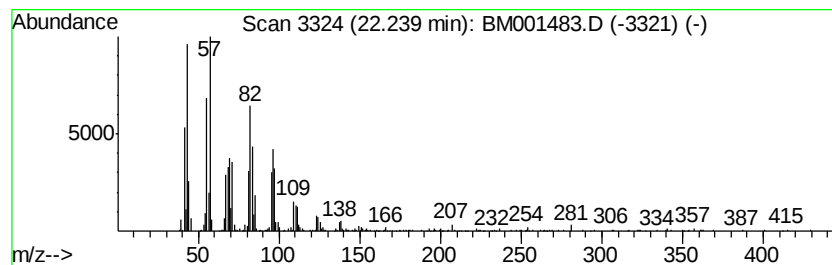
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,19-Eicosadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.24	10.85 ng/ul	1019270	Perylene-d12	23.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3	Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	93
4	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	93
5	Tetradecanal	212	C14H28O	000124-25-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001483.D
Acq On : 30 May 2015 20:02
Operator : TP/IZ
Sample : G2411-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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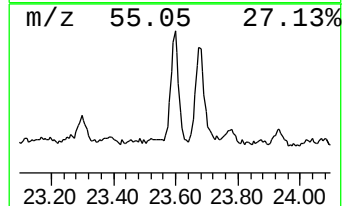
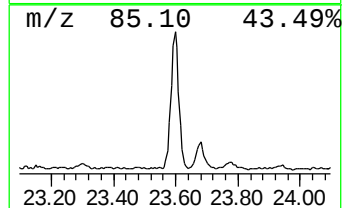
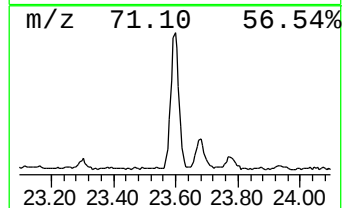
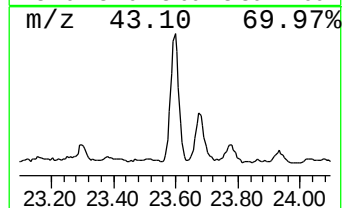
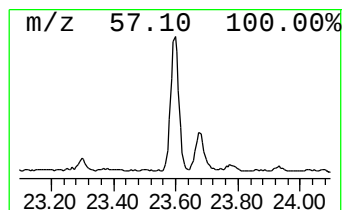
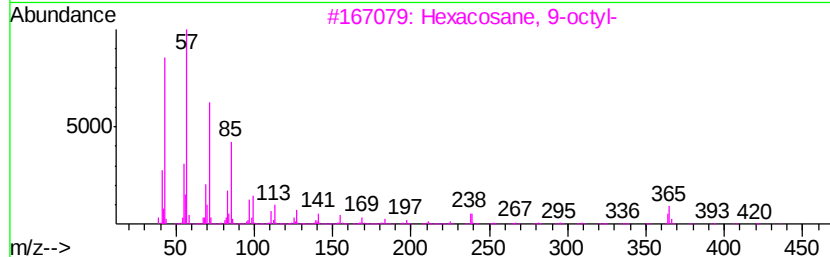
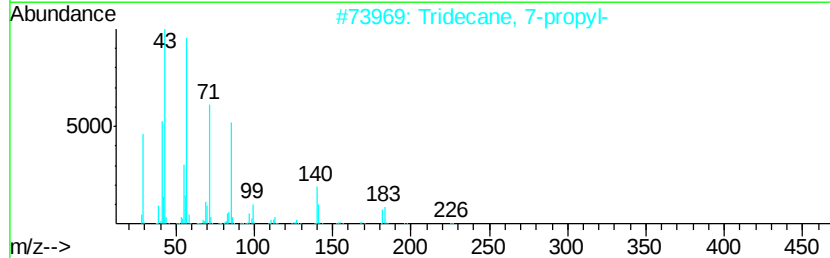
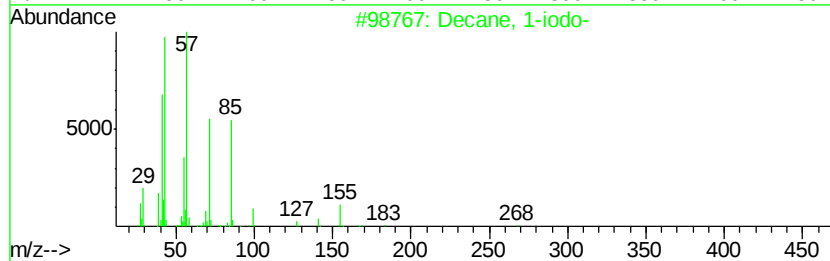
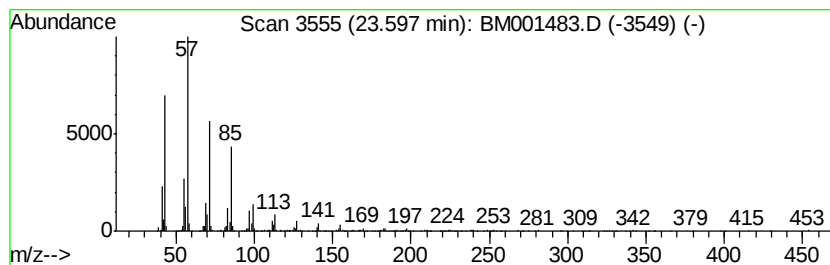
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Decane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	15.74 ng/ul	1478100	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1-iodo-	268	C10H21I	002050-77-3	91
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
3		Hexacosane, 9-octyl-	479	C34H70	055429-83-9	91
4		Octacosane	394	C28H58	000630-02-4	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001483.D
Acq On : 30 May 2015 20:02
Operator : TP/IZ
Sample : G2411-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

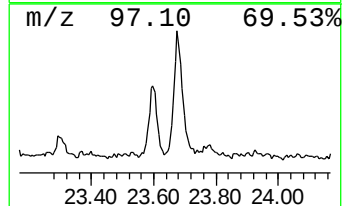
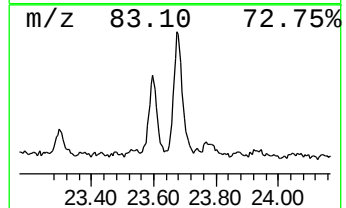
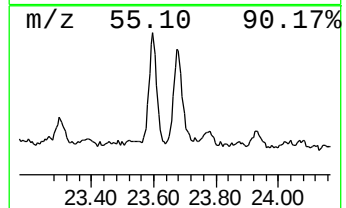
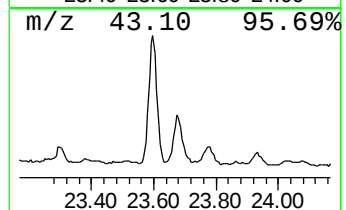
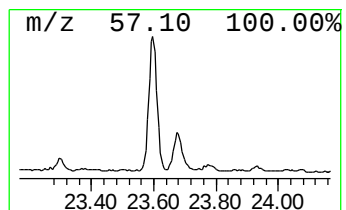
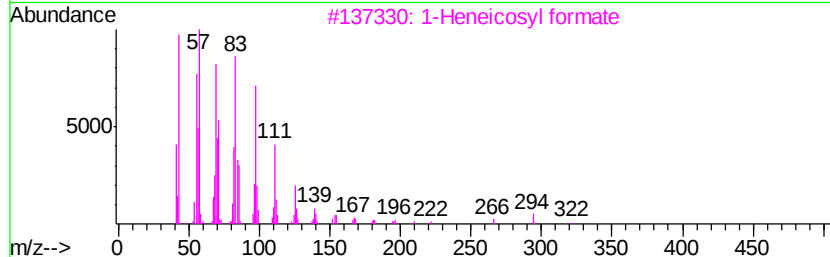
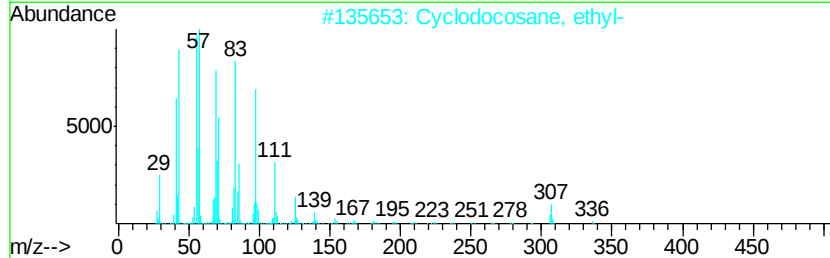
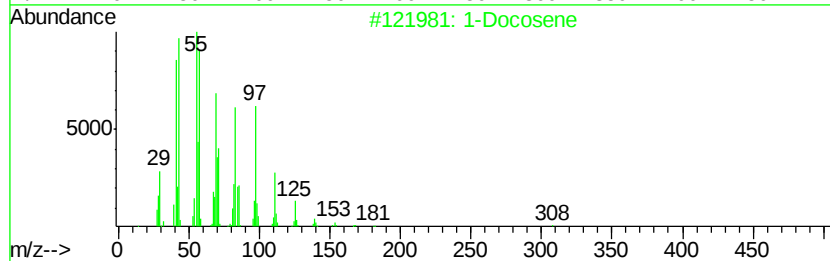
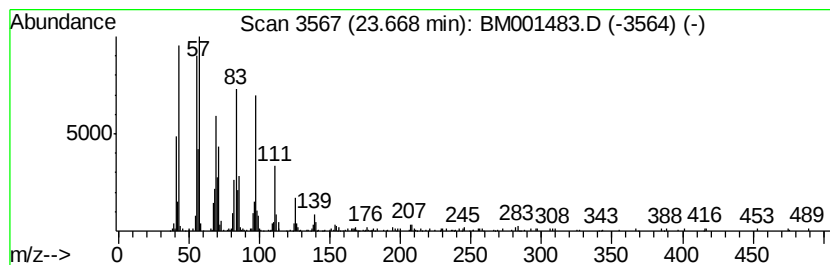
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.67	8.85 ng/ul	831207	Perylene-d12	23.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001483.D
Acq On : 30 May 2015 20:02
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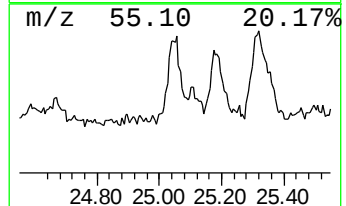
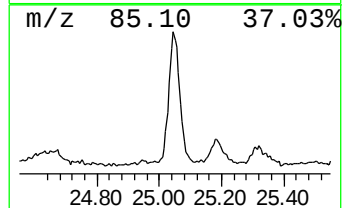
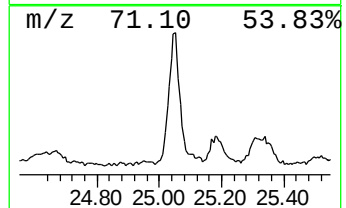
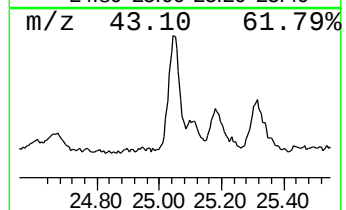
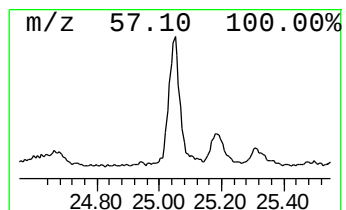
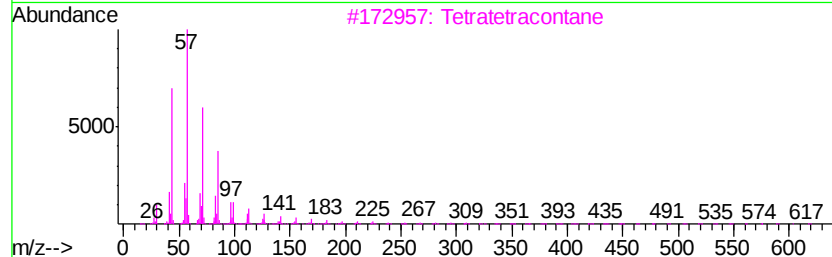
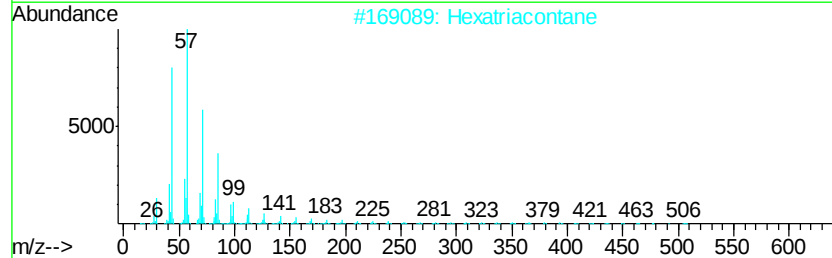
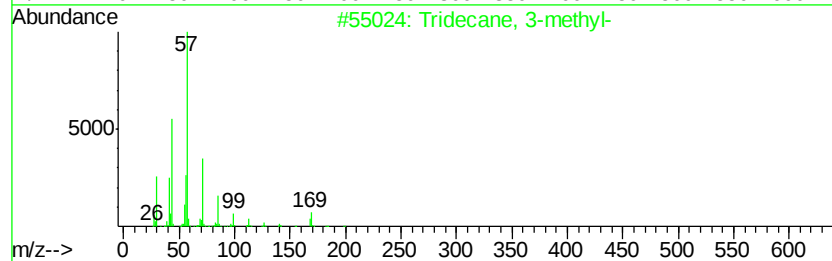
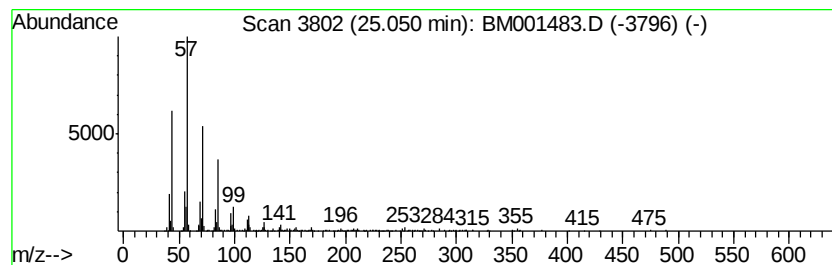
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.05	8.25 ng/ul	774781	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	90
2		Hexatriacontane	507	C36H74	000630-06-8	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Heptacosane	380	C27H56	000593-49-7	83
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001483.D
Acq On : 30 May 2015 20:02
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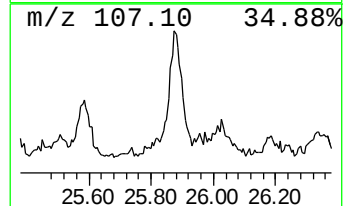
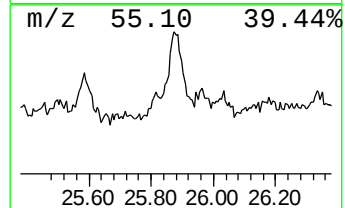
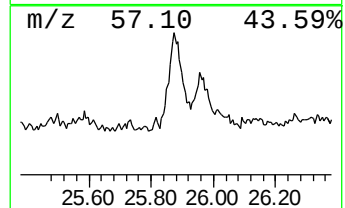
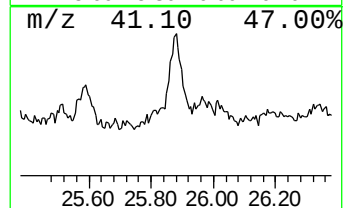
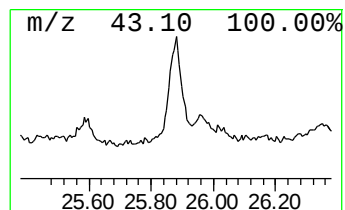
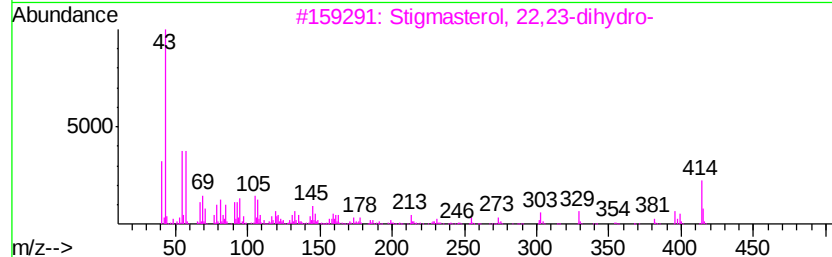
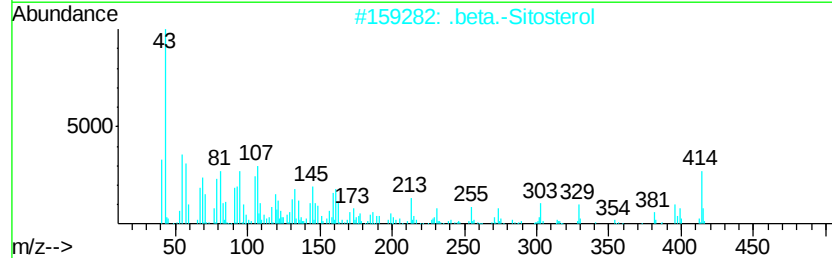
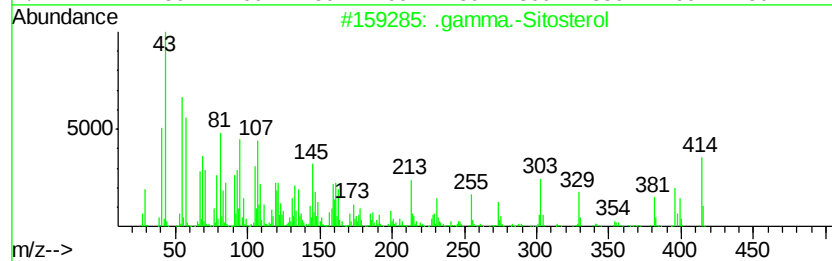
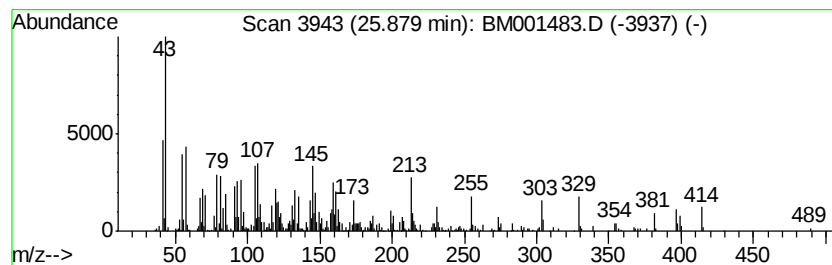
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.88	11.32 ng/ul	1063410	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	64
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	58
3		Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	42
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	35
5		.beta.-Sitosterol	414	C29H50O	000083-46-5	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001483.D
Acq On : 30 May 2015 20:02
Operator : TP/IZ
Sample : G2411-19RE
Misc :
ALS Vial : 14 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
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Octadecanoic acid	19.03	2.8	ng/ul	347991	5	21.03	2510510	20.0
(DEL) Alkane: Cyc...	20.75	11.6	ng/ul	1452100	5	21.03	2510510	20.0
(DEL) Alkane: Cyc...	21.62	6.8	ng/ul	859113	5	21.03	2510510	20.0
1,19-Eicosadiene	22.24	10.9	ng/ul	1019270	6	23.12	1878150	20.0
Decane, 1-iodo-	23.60	15.7	ng/ul	1478100	6	23.12	1878150	20.0
(DEL) Alkane: Cyc...	23.67	8.8	ng/ul	831207	6	23.12	1878150	20.0
(DEL) Alkane: Str...	25.05	8.3	ng/ul	774781	6	23.12	1878150	20.0
.gamma.-Sitosterol	25.88	11.3	ng/ul	1063410	6	23.12	1878150	20.0