

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003154.D
 Acq On : 16 Nov 2015 22:02
 Operator : UM/IZ
 Sample : G4323-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J42

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-BM103015.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	3.205	16	20	26	rVB	20671	25303	1.31%	0.096%
2	3.475	63	66	71	rBV2	5206	7460	0.39%	0.028%
3	4.163	179	183	190	rBV	32646	44333	2.29%	0.168%
4	4.575	248	253	258	rBV	21516	30425	1.57%	0.116%
5	4.857	295	301	305	rBV2	3300	5904	0.31%	0.022%
6	6.904	643	649	660	rVB	336150	541760	28.00%	2.058%
7	7.075	672	678	689	rVB	272323	414034	21.40%	1.573%
8	7.275	706	712	720	rVB	357560	550174	28.44%	2.090%
9	7.745	784	792	799	rBV	435227	664783	34.36%	2.525%
10	8.445	903	911	920	rBV	444147	690620	35.70%	2.623%
11	8.898	981	988	997	rBV	307066	488560	25.25%	1.856%
12	8.998	998	1005	1009	rVB2	3063	4233	0.22%	0.016%
13	9.322	1056	1060	1064	rVB	3420	4627	0.24%	0.018%
14	9.622	1104	1111	1119	rVB	244426	400719	20.71%	1.522%
15	10.151	1194	1201	1211	rBV	432933	699224	36.14%	2.656%
16	10.534	1259	1266	1274	rBV	628460	1037924	53.65%	3.942%
17	10.669	1282	1289	1300	rBV	407664	667765	34.52%	2.536%
18	12.128	1533	1537	1543	rBV2	5363	8115	0.42%	0.031%
19	12.739	1637	1641	1645	rVB	6258	7230	0.37%	0.027%
20	12.992	1677	1684	1688	rVB	10275	14281	0.74%	0.054%
21	13.798	1815	1821	1825	rBV	770085	1044545	53.99%	3.968%
22	13.845	1825	1829	1838	rVB	439282	576878	29.82%	2.191%
23	14.080	1863	1869	1877	rBV	855774	1260932	65.18%	4.790%
24	14.292	1900	1905	1910	rVB	18768	23228	1.20%	0.088%
25	14.392	1915	1922	1930	rBV2	934764	1405909	72.67%	5.340%
26	14.580	1947	1954	1962	rBV	324210	446527	23.08%	1.696%
27	14.739	1977	1981	1988	rBV3	3768	7495	0.39%	0.028%
28	14.798	1988	1991	1995	rVB2	3979	6129	0.32%	0.023%
29	14.851	1997	2000	2003	rBV4	3536	4013	0.21%	0.015%
30	14.910	2007	2010	2015	rBV3	4786	7491	0.39%	0.028%
31	14.980	2018	2022	2025	rVB	3469	4312	0.22%	0.016%
32	15.198	2053	2059	2062	rVV3	5424	8935	0.46%	0.034%
33	15.245	2062	2067	2072	rVV	34386	42147	2.18%	0.160%
34	15.310	2072	2078	2081	rVV3	2779	5006	0.26%	0.019%

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35	15.386	2085	2091	2098	rVB	1127923	1607314	83.08%	6.105%
36	15.498	2104	2110	2125	rVV	268707	351923	18.19%	1.337%
37	15.627	2127	2132	2134	rBV2	13084	19928	1.03%	0.076%
38	15.651	2134	2136	2140	rVV2	10730	13709	0.71%	0.052%
39	15.692	2140	2143	2146	rVV2	3042	4530	0.23%	0.017%
40	15.745	2148	2152	2156	rVB2	4714	6940	0.36%	0.026%
41	15.804	2156	2162	2167	rBV3	4700	8799	0.45%	0.033%
42	15.863	2170	2172	2176	rVB2	5368	6958	0.36%	0.026%
43	16.104	2209	2213	2217	rBV	39215	57560	2.98%	0.219%
44	16.221	2229	2233	2238	rVB3	3536	4951	0.26%	0.019%
45	16.280	2238	2243	2248	rBV5	7930	11950	0.62%	0.045%
46	16.339	2250	2253	2257	rVV2	5109	7001	0.36%	0.027%
47	16.374	2257	2259	2265	rVB3	3277	5102	0.26%	0.019%
48	16.457	2268	2273	2280	rVV5	4379	11083	0.57%	0.042%
49	16.533	2280	2286	2289	rVV7	8313	15612	0.81%	0.059%
50	16.610	2295	2299	2305	rVV3	6131	12006	0.62%	0.046%
51	16.680	2307	2311	2314	rVV	4266	6648	0.34%	0.025%
52	16.898	2342	2348	2352	rVV	35269	45926	2.37%	0.174%
53	16.951	2354	2357	2361	rVB	8930	11893	0.61%	0.045%
54	17.133	2382	2388	2395	rBV2	1104959	1582693	81.81%	6.012%
55	17.233	2397	2405	2411	rBV2	1133778	1582799	81.82%	6.012%
56	17.368	2425	2428	2434	rVB3	3050	5752	0.30%	0.022%
57	17.433	2434	2439	2446	rBV4	2725	6962	0.36%	0.026%
58	17.510	2448	2452	2456	rBV6	3101	5100	0.26%	0.019%
59	17.633	2469	2473	2478	rBV	16375	20593	1.06%	0.078%
60	17.674	2478	2480	2488	rVB4	3080	5454	0.28%	0.021%
61	17.915	2516	2521	2525	rBV3	6516	10754	0.56%	0.041%
62	18.027	2535	2540	2546	rBV	130823	168466	8.71%	0.640%
63	18.104	2551	2553	2556	rVV	7523	8376	0.43%	0.032%
64	18.333	2586	2592	2594	rBV6	5171	8051	0.42%	0.031%
65	18.362	2594	2597	2600	rVB	3421	5030	0.26%	0.019%
66	18.533	2623	2626	2633	rVB2	4612	7344	0.38%	0.028%
67	18.639	2640	2644	2647	rBV4	5011	6906	0.36%	0.026%
68	18.804	2668	2672	2674	rBV2	6020	6176	0.32%	0.023%
69	18.892	2682	2687	2690	rBV	22443	29289	1.51%	0.111%
70	18.927	2690	2693	2696	rVV2	12141	15311	0.79%	0.058%
71	18.962	2696	2699	2705	rVB3	15540	22102	1.14%	0.084%

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72	19.162	2729	2733	2736	rBV	18206	23837	1.23%	0.091%
73	19.315	2754	2759	2761	rBV	54798	74660	3.86%	0.284%
74	19.339	2761	2763	2769	rVB	68175	83737	4.33%	0.318%
75	19.427	2773	2778	2779	rBV	20697	28891	1.49%	0.110%
76	19.533	2790	2796	2806	rVB	1370987	1934568	100.00%	7.348%
77	19.809	2839	2843	2849	rVB7	6348	12713	0.66%	0.048%
78	19.980	2868	2872	2873	rBV3	5723	6900	0.36%	0.026%
79	20.009	2875	2877	2880	rVV2	6046	8415	0.43%	0.032%
80	20.045	2880	2883	2887	rVV	27620	37489	1.94%	0.142%
81	20.086	2887	2890	2893	rVB	20168	22019	1.14%	0.084%
82	20.192	2905	2908	2912	rVB4	6189	6751	0.35%	0.026%
83	20.456	2950	2953	2956	rBV	14142	16641	0.86%	0.063%
84	20.627	2978	2982	2984	rBV4	8780	10240	0.53%	0.039%
85	20.668	2985	2989	2992	rBV	14446	21340	1.10%	0.081%
86	20.709	2993	2996	3002	rVV2	25601	42273	2.19%	0.161%
87	20.774	3005	3007	3011	rVB3	16443	17014	0.88%	0.065%
88	21.039	3047	3052	3064	rVB	432608	516711	26.71%	1.963%
89	21.156	3070	3072	3079	rVB3	17356	25679	1.33%	0.098%
90	21.327	3096	3101	3107	rBV	1404102	1796328	92.85%	6.823%
91	21.486	3125	3128	3132	rVB3	25997	28610	1.48%	0.109%
92	21.933	3199	3204	3214	rBV	271490	392819	20.31%	1.492%
93	22.380	3276	3280	3284	rBV2	52212	79746	4.12%	0.303%
94	22.897	3364	3368	3371	rBV	41246	56127	2.90%	0.213%
95	22.939	3371	3375	3382	rVB3	76813	120495	6.23%	0.458%
96	23.444	3454	3461	3470	rVB	961035	1822923	94.23%	6.924%
97	23.592	3478	3486	3495	rVB2	884092	1707146	88.24%	6.484%
98	24.127	3572	3577	3582	rVB3	53267	102253	5.29%	0.388%
99	24.209	3586	3591	3603	rVB3	65091	140284	7.25%	0.533%
100	26.674	4003	4010	4022	rVB5	117164	332301	17.18%	1.262%

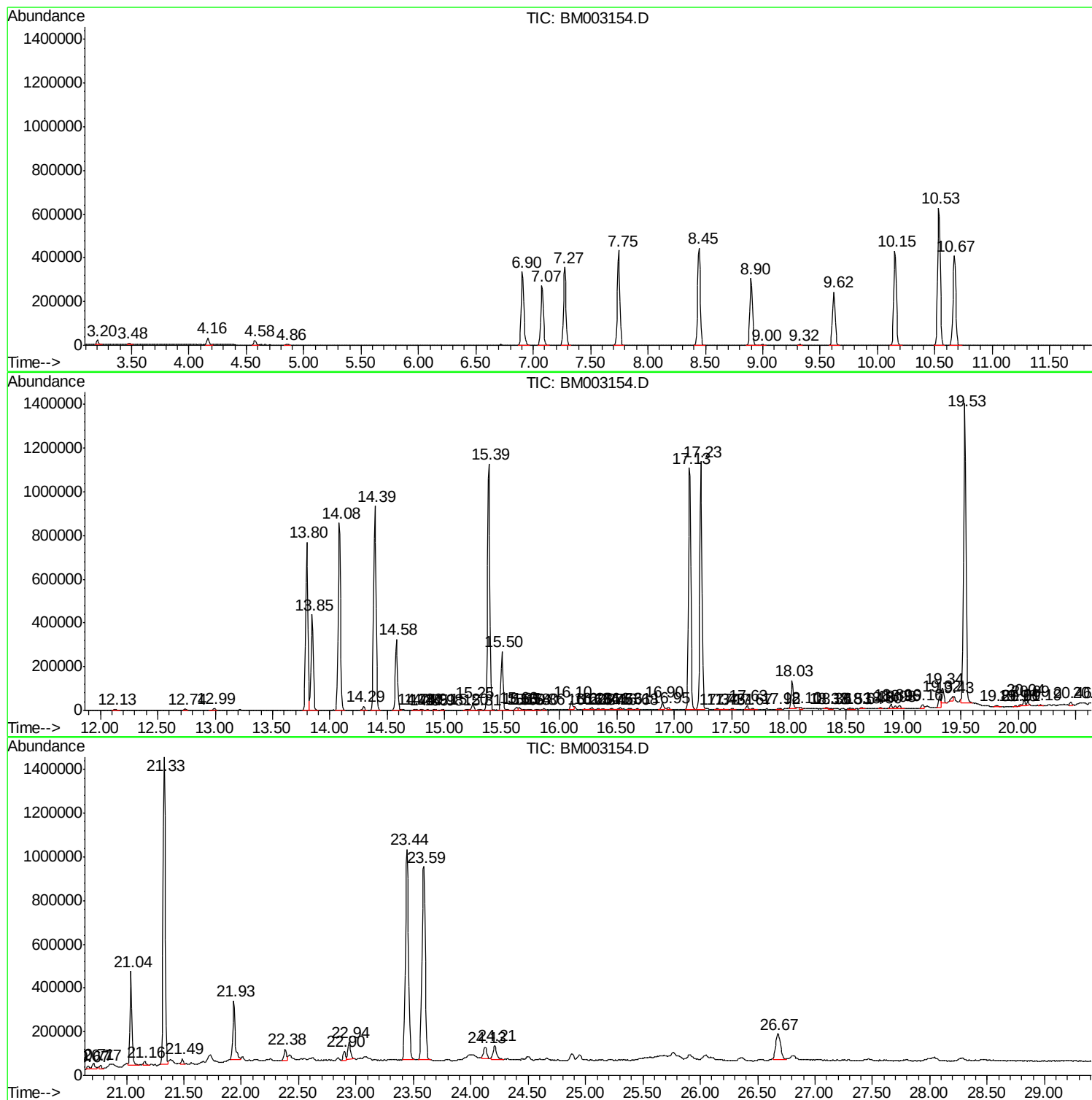
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TIC Library : C:\DATABASE\NIST02.L
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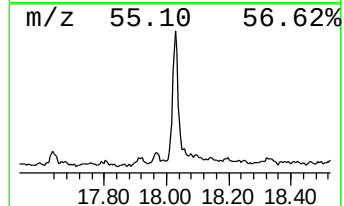
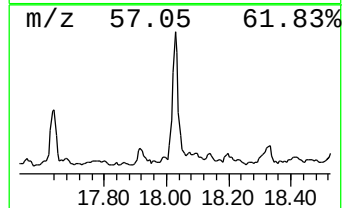
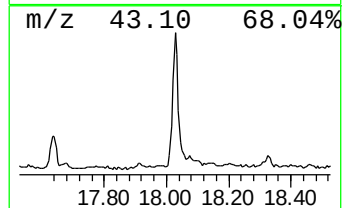
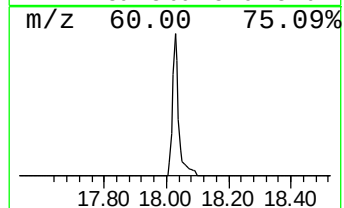
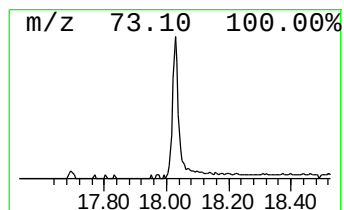
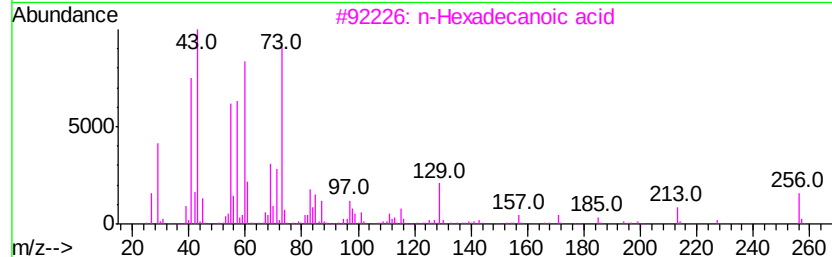
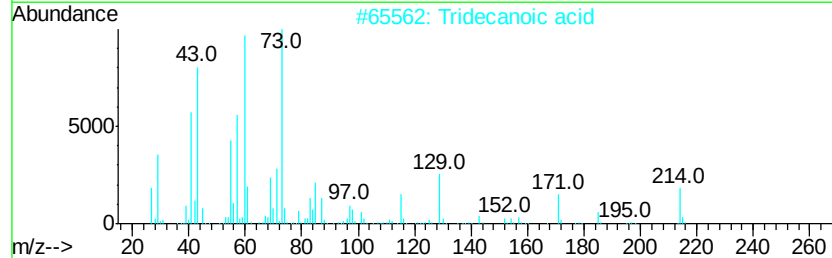
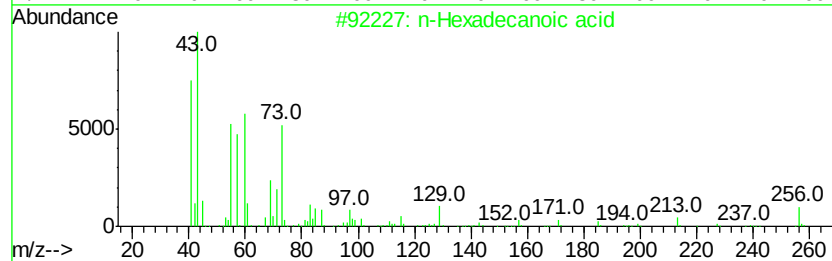
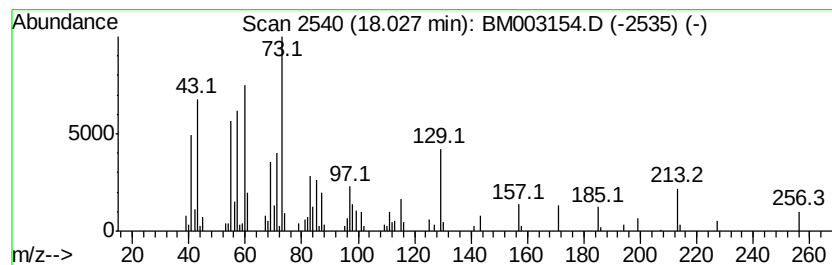
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.03	2.13 ng/ul	168466	Phenanthrene-d10		17.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	87
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			Undecanoic acid	186	C11H22O2	000112-37-8	83
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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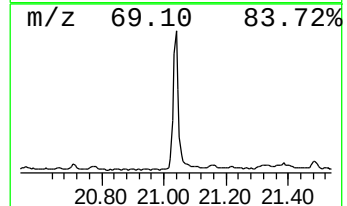
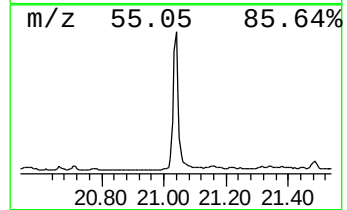
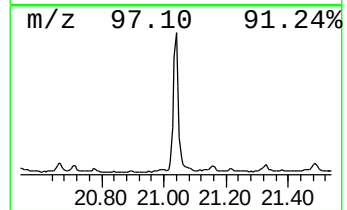
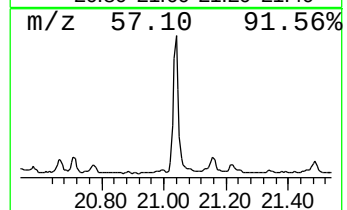
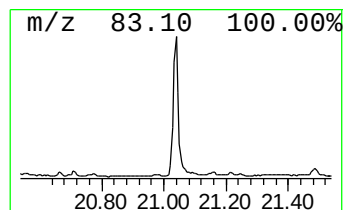
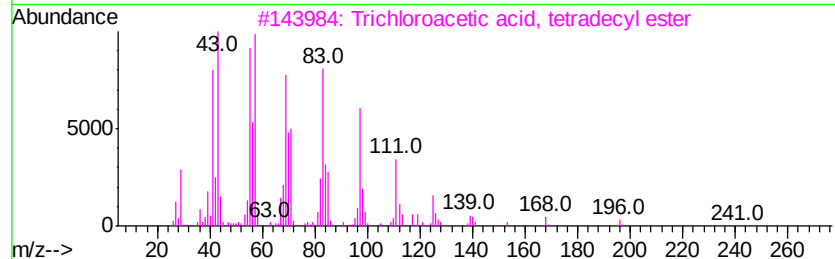
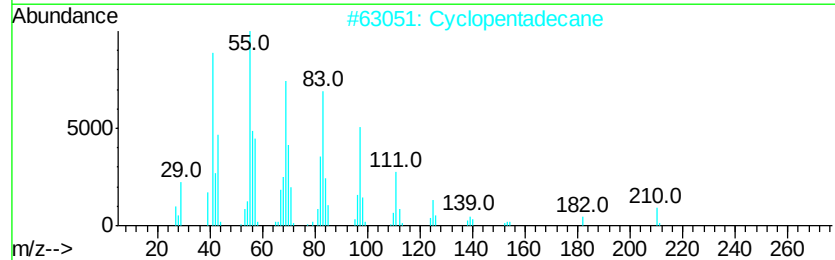
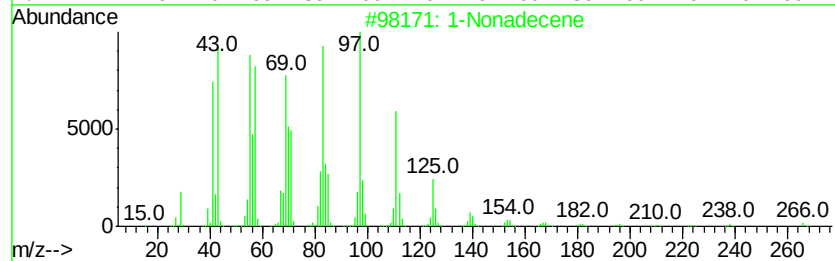
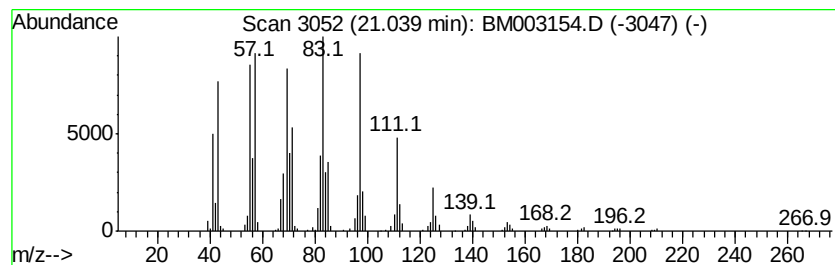
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.04	5.75 ng/ul	516711	Chrysene-d12	21.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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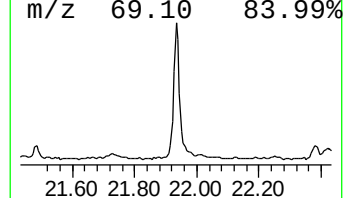
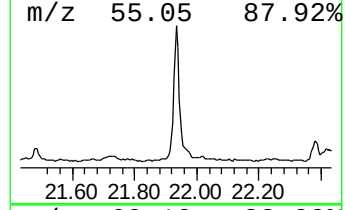
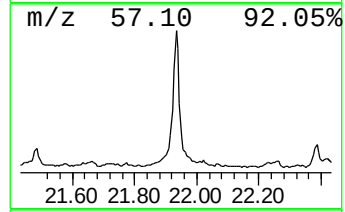
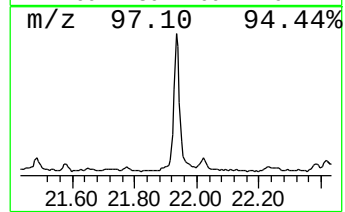
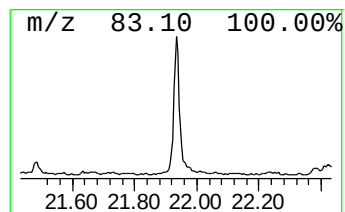
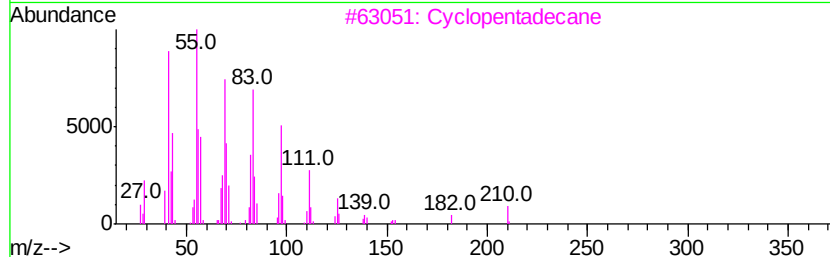
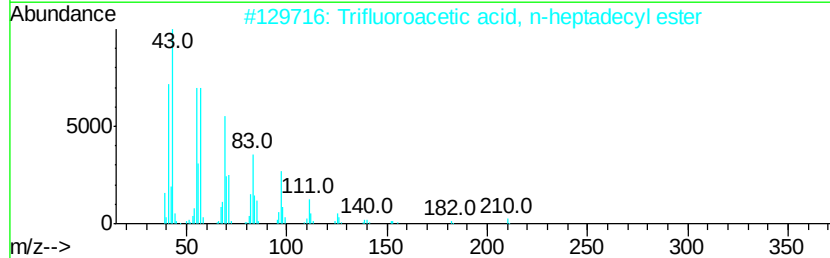
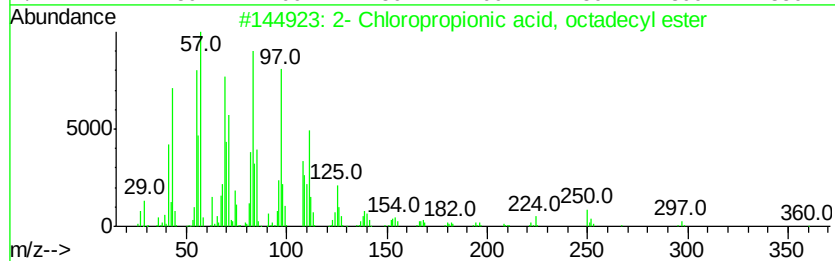
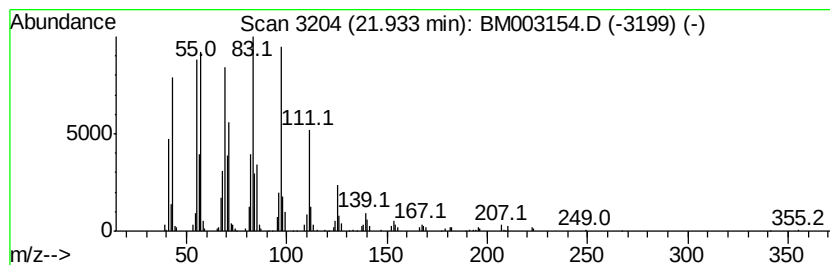
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Peak Number 3 2- Chloropropionic acid, oc... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.93	4.37 ng/ul	392819	Chrysene-d12	21.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-	Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
2		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
3		Cyclopentadecane	210	C15H30	000295-48-7	89
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	87
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87



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Sample : G4323-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

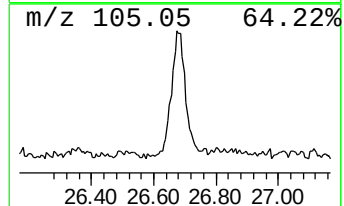
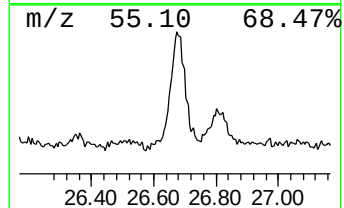
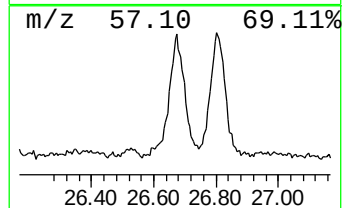
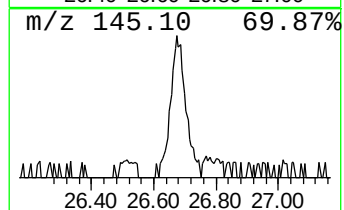
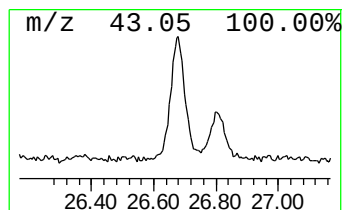
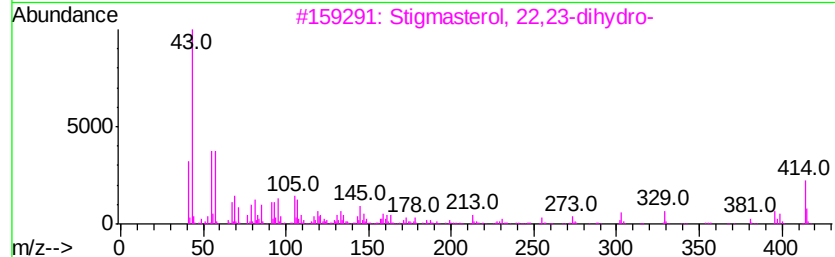
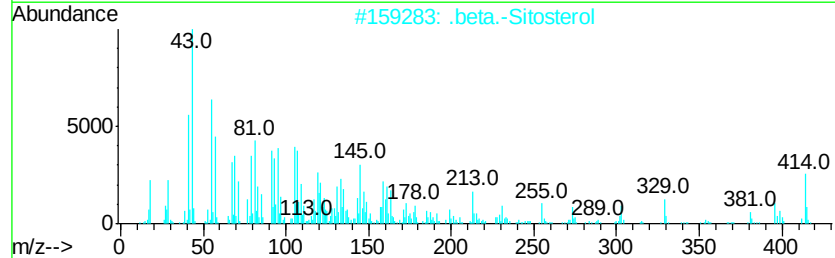
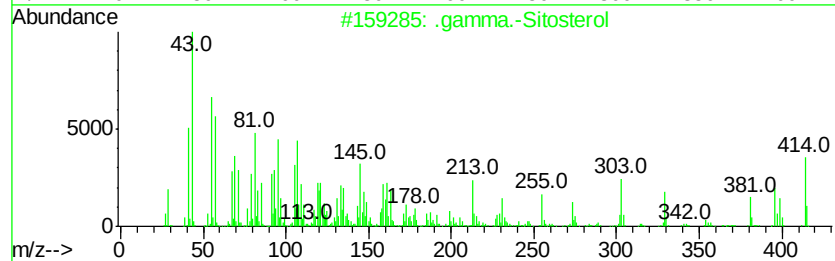
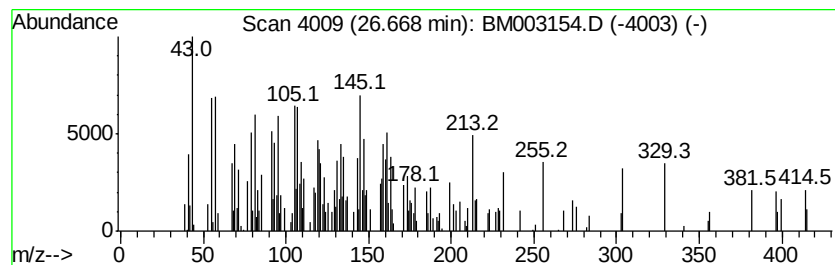
Instrument :
BNA_M
ClientSampled :
A4J42

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
26.67	3.89 ng/ul	332301	Perylene-d12	23.59	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	64
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	50
5	Cholest-7-en-3-ol, 4,4-dimethyl-...	414	C29H50O	006384-28-7	10



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111715\
Data File : BM003154.D
Acq On : 16 Nov 2015 22:02
Operator : UM/IZ
Sample : G4323-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4J42

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.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
n-Hexadecanoic acid	18.03	2.1	ng/ul	168466	4	17.13	1582690	20.0
(DEL) Alkane: Cyc...	21.04	5.8	ng/ul	516711	5	21.33	1796330	20.0
2- Chloropropioni...	21.93	4.4	ng/ul	392819	5	21.33	1796330	20.0
.gamma.-Sitosterol	26.67	3.9	ng/ul	332301	6	23.59	1707150	20.0