

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021911.D
 Acq On : 16 May 2016 18:05
 Operator : UM/SJ
 Sample : H3095-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF5

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-BG050916.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	3.232	64	67	75	rVB2	6880	10649	0.62%	0.054%
2	3.326	81	83	89	rVB5	4724	5577	0.32%	0.028%
3	3.550	115	121	126	rBB3	6602	11990	0.69%	0.060%
4	4.078	207	211	218	rVB3	7034	11860	0.69%	0.060%
5	7.310	754	761	777	rBV	110660	229314	13.26%	1.155%
6	7.480	783	790	805	rBV	105841	203418	11.76%	1.025%
7	7.692	819	826	836	rBV	133828	265259	15.34%	1.337%
8	8.162	895	906	919	rBV	188925	392230	22.68%	1.976%
9	8.861	1018	1025	1038	rVV	136982	279554	16.17%	1.409%
10	8.996	1043	1048	1055	rVV5	3449	10519	0.61%	0.053%
11	9.061	1055	1059	1063	rVV4	2583	5396	0.31%	0.027%
12	9.331	1097	1105	1118	rBV	114321	250366	14.48%	1.262%
13	9.413	1118	1119	1125	rVB3	4286	5776	0.33%	0.029%
14	10.054	1222	1228	1239	rBV2	90488	197451	11.42%	0.995%
15	10.600	1313	1321	1340	rVV	178439	377226	21.82%	1.901%
16	10.982	1372	1386	1402	rBV	324773	694394	40.16%	3.499%
17	11.117	1402	1409	1423	rBV	78709	195081	11.28%	0.983%
18	11.975	1550	1555	1562	rBV5	9690	16386	0.95%	0.083%
19	12.363	1617	1621	1628	rVB6	5231	9289	0.54%	0.047%
20	12.551	1649	1653	1658	rVV4	3248	5835	0.34%	0.029%
21	12.627	1660	1666	1672	rBV2	9500	17145	0.99%	0.086%
22	12.845	1697	1703	1711	rVB2	10613	19277	1.11%	0.097%
23	13.309	1776	1782	1789	rVB4	7139	13766	0.80%	0.069%
24	13.385	1791	1795	1800	rVB5	2819	5791	0.33%	0.029%
25	13.597	1826	1831	1836	rBV2	9133	14415	0.83%	0.073%
26	13.661	1838	1842	1847	rVV3	5430	9886	0.57%	0.050%
27	13.949	1886	1891	1892	rBV2	4463	5422	0.31%	0.027%
28	14.108	1912	1918	1923	rVV2	14904	28558	1.65%	0.144%
29	14.184	1923	1931	1936	rVV	393172	663833	38.39%	3.345%
30	14.231	1936	1939	1946	rVV	127281	209292	12.10%	1.055%
31	14.290	1947	1949	1953	rVV4	6981	9982	0.58%	0.050%
32	14.343	1955	1958	1964	rVV4	8039	16738	0.97%	0.084%
33	14.407	1966	1969	1974	rVV4	3694	5701	0.33%	0.029%
34	14.484	1974	1982	1997	rVV	526815	942807	54.52%	4.750%

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35	14.619	1999	2005	2007	rVV5	5453	9415	0.54%	0.047%
36	14.660	2007	2012	2020	rVB2	24679	37980	2.20%	0.191%
37	14.789	2020	2034	2043	rBV2	577374	1054615	60.99%	5.314%
38	14.860	2043	2046	2051	rVB5	7127	11985	0.69%	0.060%
39	14.983	2060	2067	2078	rBV	63133	175317	10.14%	0.883%
40	15.171	2095	2099	2104	rBV6	8628	15810	0.91%	0.080%
41	15.395	2133	2137	2143	rBV4	6917	11609	0.67%	0.058%
42	15.447	2143	2146	2151	rBV5	5003	7355	0.43%	0.037%
43	15.571	2161	2167	2169	rBV5	13403	22516	1.30%	0.113%
44	15.606	2169	2173	2180	rVB	37827	55837	3.23%	0.281%
45	15.776	2187	2202	2215	rBV	700717	1209994	69.97%	6.097%
46	15.888	2215	2221	2231	rVV	127146	221082	12.79%	1.114%
47	16.017	2234	2243	2250	rBV5	21409	48548	2.81%	0.245%
48	16.123	2259	2261	2265	rVB3	9089	8604	0.50%	0.043%
49	16.229	2276	2279	2282	rVV4	4957	5701	0.33%	0.029%
50	16.270	2283	2286	2293	rVB7	5372	9457	0.55%	0.048%
51	16.470	2315	2320	2322	rVV	48543	74442	4.31%	0.375%
52	16.493	2322	2324	2332	rVB3	50401	67590	3.91%	0.341%
53	16.605	2337	2343	2345	rBV5	6944	10312	0.60%	0.052%
54	16.805	2371	2377	2380	rBV8	7782	15365	0.89%	0.077%
55	16.975	2403	2406	2411	rVB4	8276	12887	0.75%	0.065%
56	17.051	2415	2419	2424	rBV8	10954	23955	1.39%	0.121%
57	17.181	2436	2441	2448	rVB3	23598	39842	2.30%	0.201%
58	17.263	2448	2455	2459	rBV3	48175	81153	4.69%	0.409%
59	17.310	2460	2463	2468	rVB4	16668	23536	1.36%	0.119%
60	17.357	2468	2471	2474	rBV5	3690	5288	0.31%	0.027%
61	17.398	2474	2478	2485	rVB5	34785	52542	3.04%	0.265%
62	17.463	2485	2489	2494	rBV5	22274	32026	1.85%	0.161%
63	17.533	2494	2501	2506	rBV2	698366	1236521	71.51%	6.230%
64	17.574	2506	2508	2512	rVV	74136	96836	5.60%	0.488%
65	17.633	2512	2518	2529	rVB	673959	1195601	69.14%	6.024%
66	17.803	2544	2547	2551	rBV6	4782	6568	0.38%	0.033%
67	17.927	2564	2568	2571	rBV4	7882	13463	0.78%	0.068%
68	18.003	2576	2581	2585	rVB	30892	44470	2.57%	0.224%
69	18.050	2585	2589	2593	rVB6	7508	11830	0.68%	0.060%
70	18.103	2593	2598	2601	rBV7	14330	24636	1.42%	0.124%
71	18.285	2622	2629	2632	rBV7	16478	27810	1.61%	0.140%

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72	18.344	2633	2639	2644	rBV4	71247	141868	8.20%	0.715%
73	18.403	2644	2649	2654	rBV	151206	223761	12.94%	1.127%
74	18.591	2675	2681	2686	rBV3	29516	56883	3.29%	0.287%
75	18.691	2693	2698	2704	rBV	35627	63162	3.65%	0.318%
76	18.896	2727	2733	2738	rBV2	21650	42606	2.46%	0.215%
77	18.943	2738	2741	2746	rVB5	9705	14105	0.82%	0.071%
78	19.137	2772	2774	2779	rVB5	14339	15780	0.91%	0.080%
79	19.196	2779	2784	2785	rBV4	10177	13674	0.79%	0.069%
80	19.313	2798	2804	2809	rBV2	62971	104204	6.03%	0.525%
81	19.396	2816	2818	2823	rVB3	14037	17955	1.04%	0.090%
82	19.454	2823	2828	2835	rVB8	18998	47605	2.75%	0.240%
83	19.572	2835	2848	2854	rBV	196551	371920	21.51%	1.874%
84	19.660	2860	2863	2869	rVB7	21740	37977	2.20%	0.191%
85	19.907	2898	2905	2916	rBV2	893215	1729191	100.00%	8.713%
86	20.001	2918	2921	2927	rVB7	19856	38419	2.22%	0.194%
87	20.248	2958	2963	2965	rBV6	20878	38418	2.22%	0.194%
88	20.389	2983	2987	2988	rBV3	13871	21040	1.22%	0.106%
89	20.412	2988	2991	2997	rVB2	59279	92998	5.38%	0.469%
90	20.806	3055	3058	3064	rVB	28432	34724	2.01%	0.175%
91	20.865	3064	3068	3073	rVV	78490	114116	6.60%	0.575%
92	20.912	3073	3076	3081	rVB3	32355	41711	2.41%	0.210%
93	21.429	3159	3164	3169	rVB	118192	179417	10.38%	0.904%
94	21.681	3202	3207	3213	rVB	170325	274721	15.89%	1.384%
95	21.816	3221	3230	3235	rBV	791483	1650106	95.43%	8.314%
96	22.621	3363	3367	3375	rVB6	45674	106663	6.17%	0.537%
97	24.084	3610	3616	3623	rBV2	61952	184822	10.69%	0.931%
98	24.919	3749	3758	3766	rBV2	360953	1049917	60.72%	5.290%
99	25.148	3786	3797	3810	rBV	485811	1544147	89.30%	7.780%
100	26.335	3990	3999	4011	rVB2	135503	452028	26.14%	2.278%

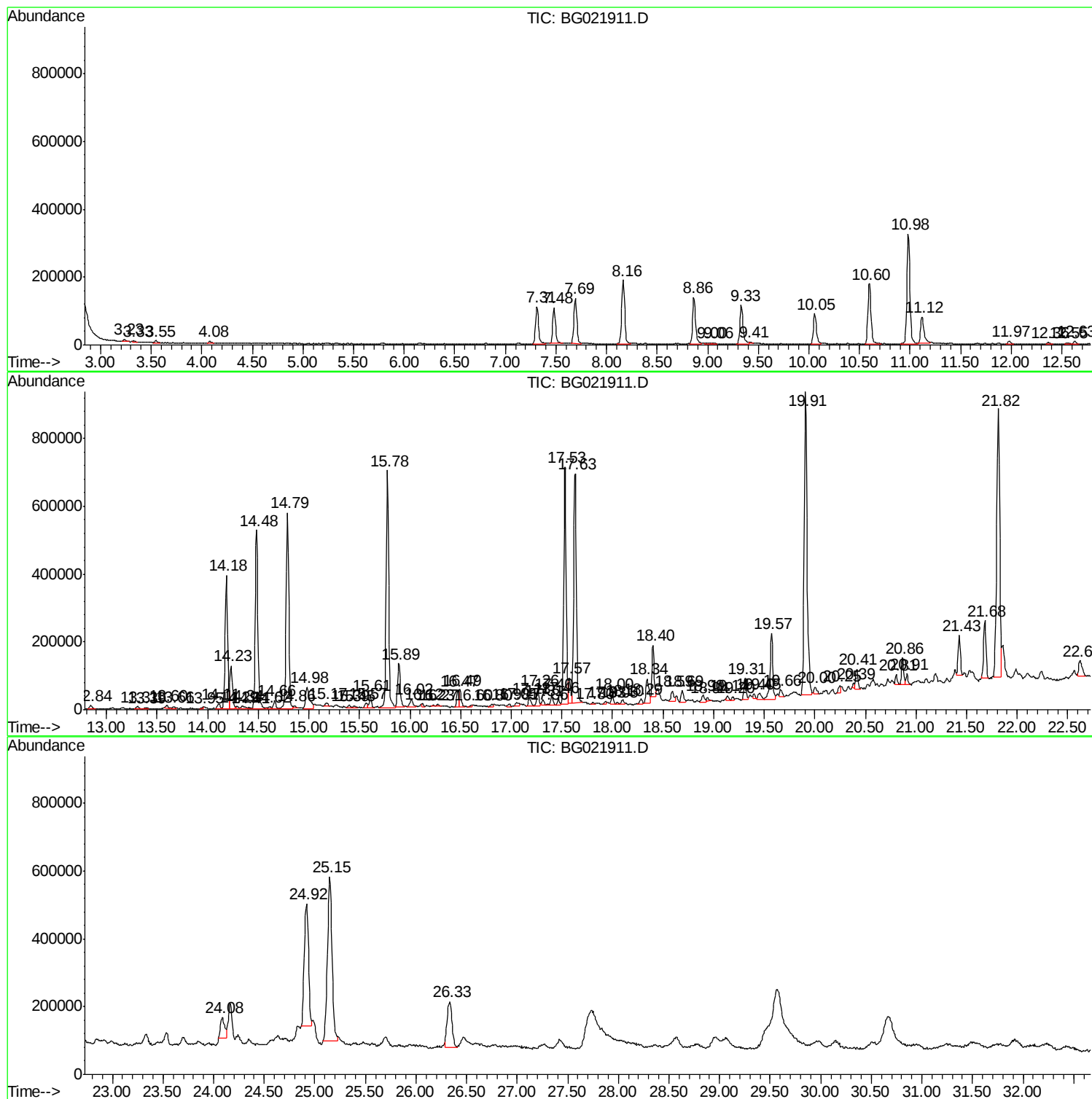
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Quant Title : SVOA CALIBRATION

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



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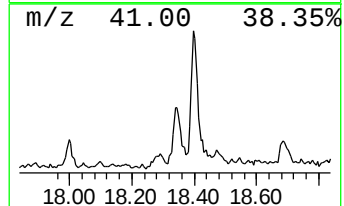
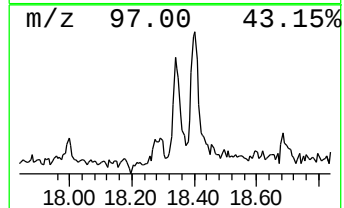
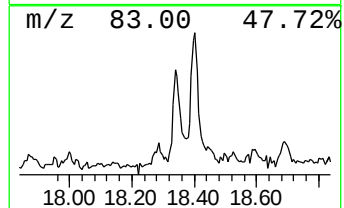
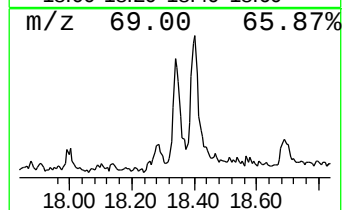
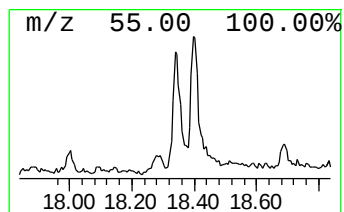
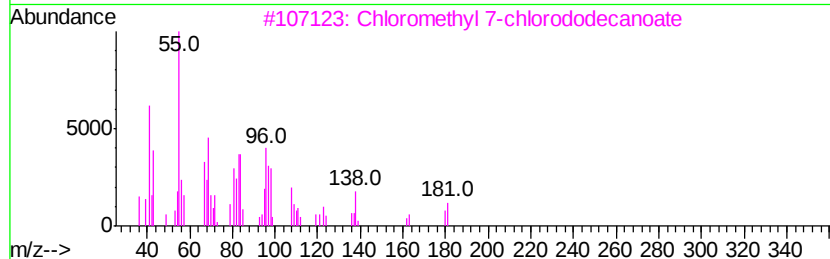
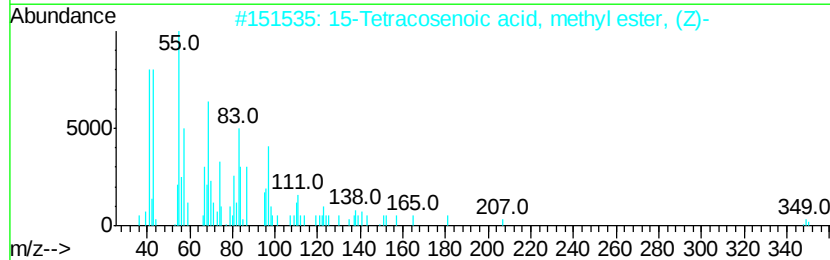
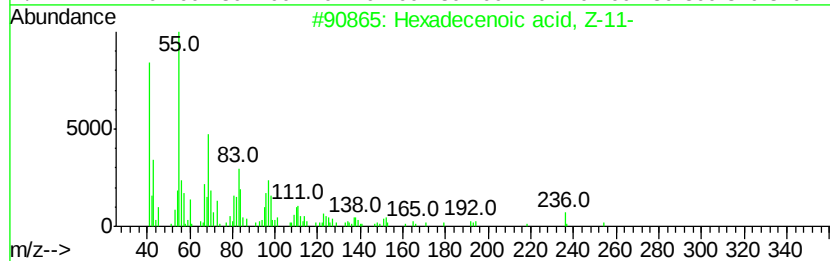
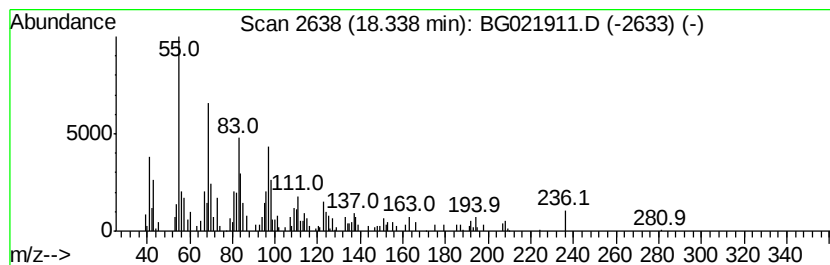
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Hexadecenoic acid, Z-11- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.29 ng/ul	141868	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	78
2			15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	52
3			Chloromethyl 7-chlorododecanoate	282	C13H24Cl2O2	080419-03-0	50
4			Oxacyclotridecan-2-one	198	C12H22O2	000947-05-7	43
5			1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	43



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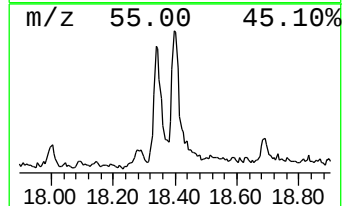
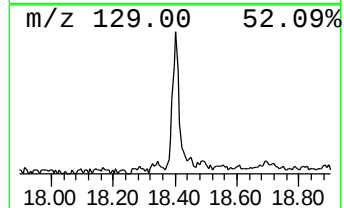
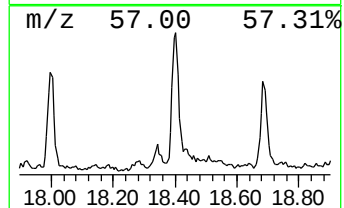
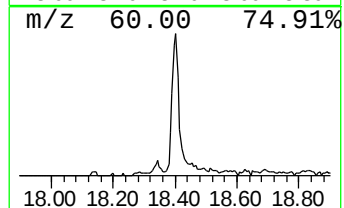
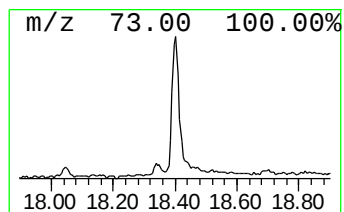
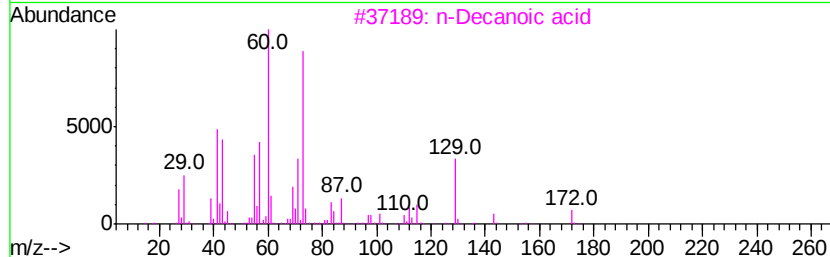
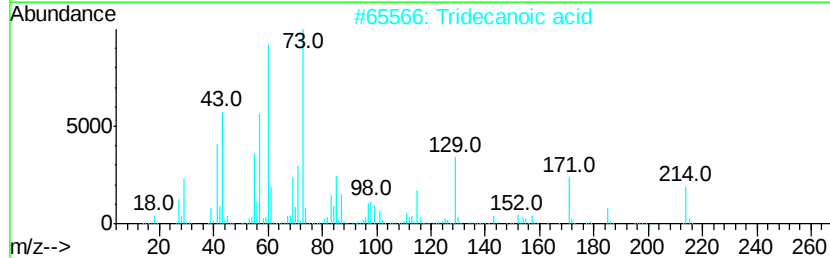
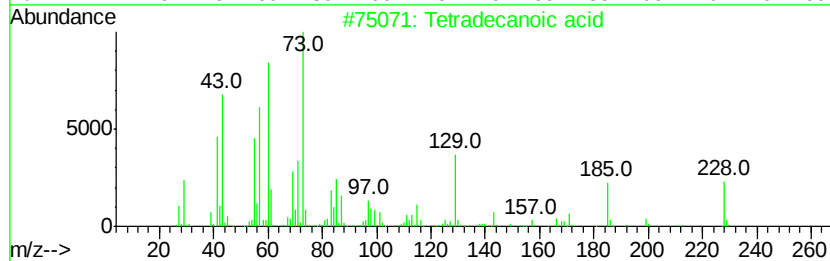
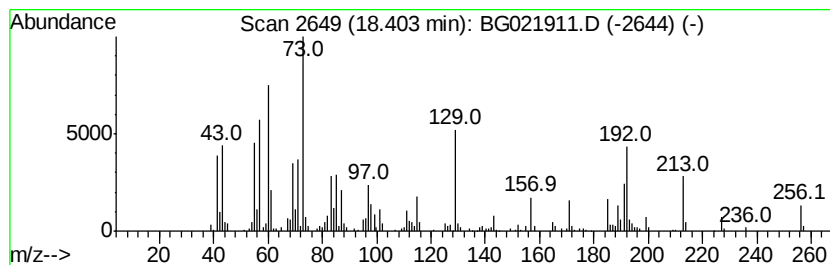
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.62 ng/ul	223761	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
2			Tridecanoic acid	214	C13H26O2	000638-53-9	58
3			n-Decanoic acid	172	C10H20O2	000334-48-5	55
4			Tridecanoic acid	214	C13H26O2	000638-53-9	55
5			Undecanoic acid	186	C11H22O2	000112-37-8	53



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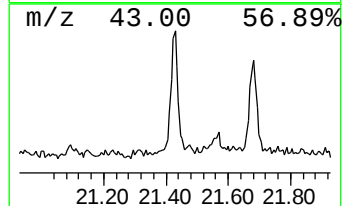
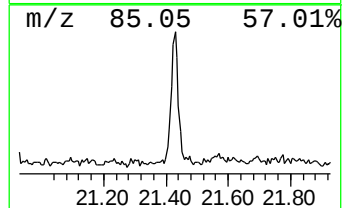
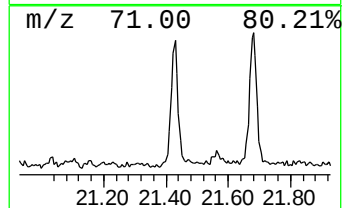
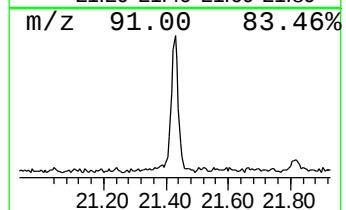
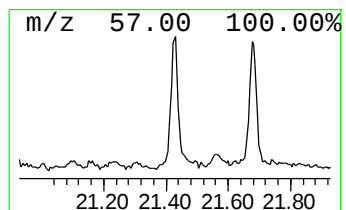
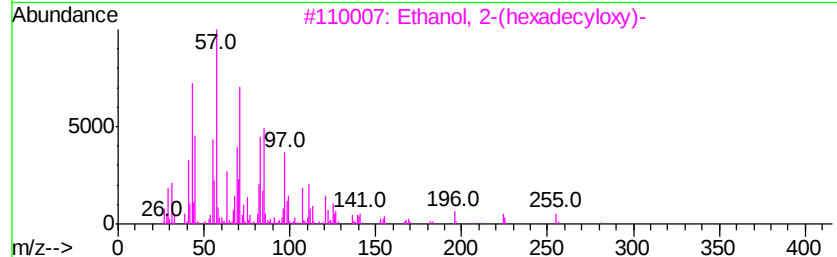
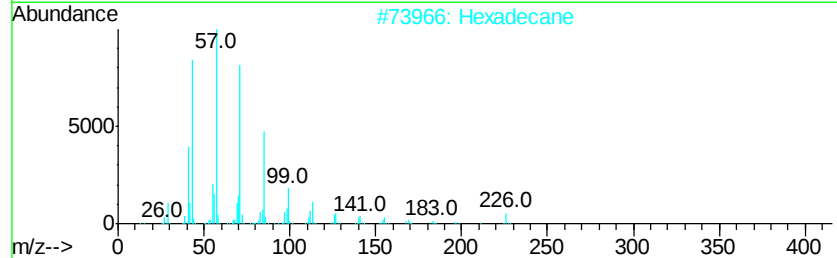
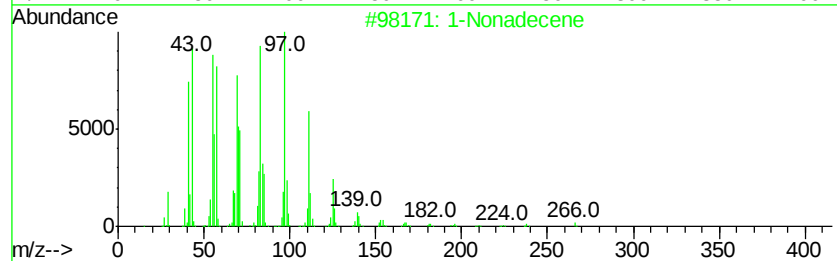
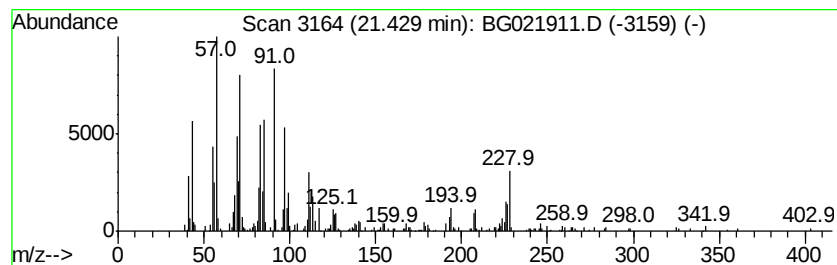
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Peak Number 3 (DEL) Alkane: Cyclic21.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.43	2.17 ng/ul	179417	Chrysene-d12	21.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	96
2	Hexadecane		226	C16H34	000544-76-3	87
3	Ethanol, 2-(hexadecyl)ox-		286	C18H38O2	002136-71-2	83
4	Methoxyacetic acid, heptadecyl e...		328	C20H40O3	1000282-99-1	81
5	1-Nonadecene		266	C19H38	018435-45-5	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021911.D
Acq On : 16 May 2016 18:05
Operator : UM/SJ
Sample : H3095-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF5

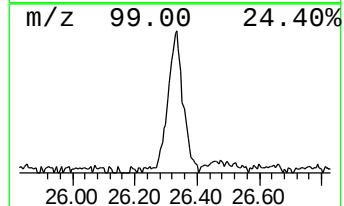
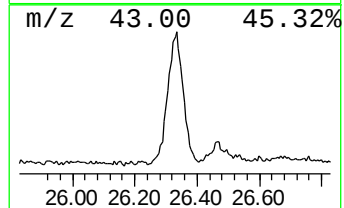
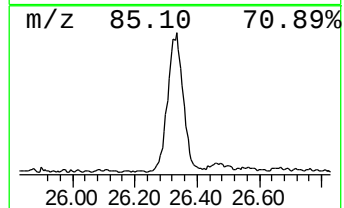
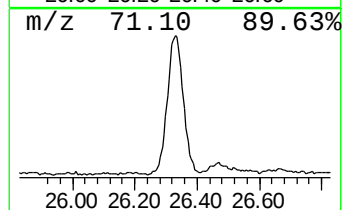
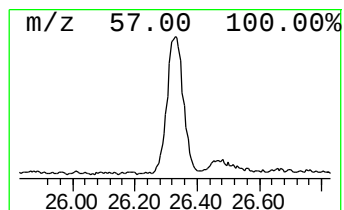
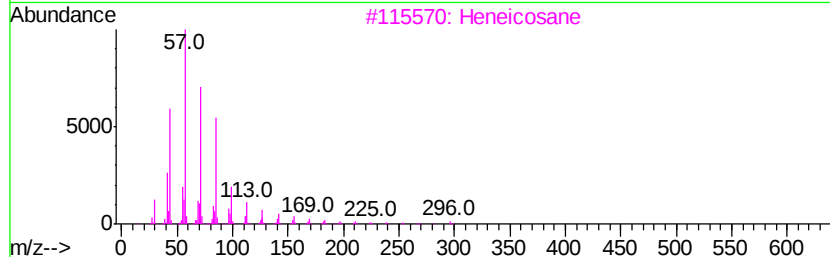
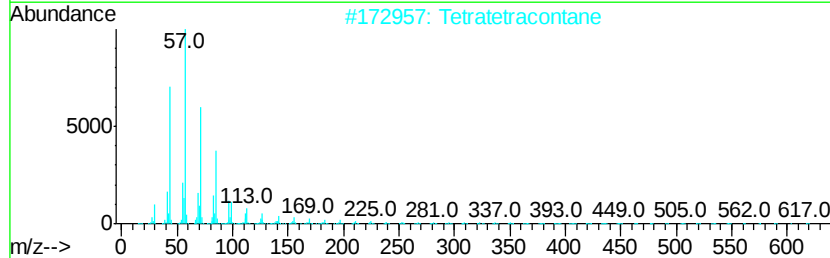
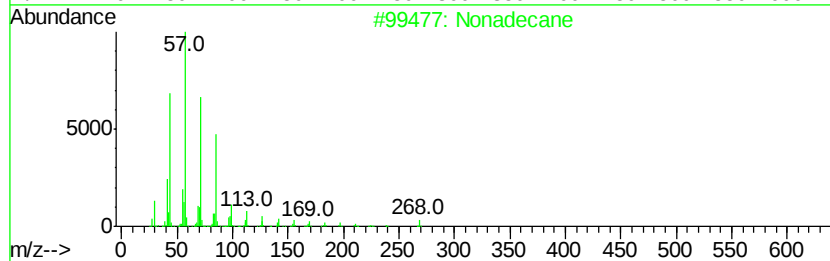
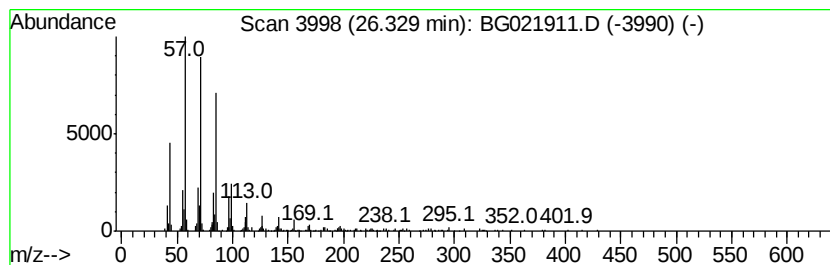
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.33	5.85 ng/ul	452028	Perylene-d12	25.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Octacosane	394	C28H58	000630-02-4	86
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051616\
Data File : BG021911.D
Acq On : 16 May 2016 18:05
Operator : UM/SJ
Sample : H3095-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.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
Hexadecenoic acid...	18.34	2.3	ng/ul	141868	4	17.53	1236520	20.0
Tetradecanoic acid	18.40	3.6	ng/ul	223761	4	17.53	1236520	20.0
(DEL) Alkane: Cyc...	21.43	2.2	ng/ul	179417	5	21.82	1650110	20.0
(DEL) Alkane: Str...	26.33	5.8	ng/ul	452028	6	25.15	1544150	20.0