

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022349.D
 Acq On : 27 Aug 2019 03:25
 Operator : HP/JU
 Sample : K4464-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEJT9

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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	3.128	21	24	32	rVB	9371	13469	0.86%	0.094%
2	3.716	119	124	130	rBV2	7139	10608	0.67%	0.074%
3	3.810	138	140	143	rVB2	1979	1642	0.10%	0.011%
4	4.205	204	207	211	rVB2	2517	3339	0.21%	0.023%
5	5.981	503	509	514	rBV4	1448	2687	0.17%	0.019%
6	6.746	634	639	649	rBV	45598	90262	5.73%	0.629%
7	6.898	659	665	675	rBV	138447	234558	14.90%	1.634%
8	7.081	690	696	706	rBV	194918	313874	19.94%	2.186%
9	7.540	769	774	782	rVB	160020	251481	15.97%	1.751%
10	8.263	891	897	913	rBB	146153	256831	16.31%	1.789%
11	8.716	967	974	989	rBV	221533	375765	23.87%	2.617%
12	9.028	1021	1027	1032	rBB2	2709	3991	0.25%	0.028%
13	9.422	1088	1094	1108	rBB	214146	360583	22.90%	2.511%
14	9.898	1171	1175	1178	rBV3	2555	4294	0.27%	0.030%
15	9.957	1179	1185	1203	rVV	229178	510677	32.44%	3.557%
16	10.316	1239	1246	1257	rBV	231931	381804	24.25%	2.659%
17	10.516	1275	1280	1287	rBV4	7659	17944	1.14%	0.125%
18	11.933	1517	1521	1527	rBB4	2536	4477	0.28%	0.031%
19	12.033	1534	1538	1544	rBV3	7287	14747	0.94%	0.103%
20	13.627	1803	1809	1814	rBV	641442	902354	57.32%	6.284%
21	13.675	1814	1817	1824	rVB	76410	100085	6.36%	0.697%
22	13.892	1848	1854	1865	rBV	716596	1022783	64.96%	7.123%
23	14.204	1900	1907	1916	rBV	368532	551233	35.01%	3.839%
24	14.422	1942	1944	1948	rVB	3000	2825	0.18%	0.020%
25	14.510	1955	1959	1977	rBV6	15451	48538	3.08%	0.338%
26	14.639	1977	1981	1984	rVB2	3743	4103	0.26%	0.029%
27	14.822	2009	2012	2016	rBV2	1401	1787	0.11%	0.012%
28	15.204	2071	2077	2090	rBV	914671	1279689	81.28%	8.912%
29	15.374	2101	2106	2115	rBV	217515	337819	21.46%	2.353%
30	15.445	2115	2118	2122	rVB2	9487	11772	0.75%	0.082%
31	15.904	2193	2196	2200	rBV2	3557	3491	0.22%	0.024%
32	15.998	2207	2212	2215	rVB3	2086	3040	0.19%	0.021%
33	16.486	2291	2295	2302	rBV	9796	15139	0.96%	0.105%
34	16.698	2329	2331	2333	rBV3	1793	1775	0.11%	0.012%

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35	16.733	2334	2337	2347	rVB4	4376	6177	0.39%	0.043%
36	16.963	2370	2376	2387	rBV2	484707	659884	41.91%	4.596%
37	17.063	2387	2393	2408	rVV	971607	1412840	89.74%	9.840%
38	17.180	2412	2413	2420	rVV3	2163	2907	0.18%	0.020%
39	17.310	2433	2435	2438	rVB2	2320	1960	0.12%	0.014%
40	17.404	2449	2451	2455	rVV2	1382	1623	0.10%	0.011%
41	17.439	2455	2457	2461	rVV3	2477	2668	0.17%	0.019%
42	17.698	2498	2501	2503	rBV	1582	1906	0.12%	0.013%
43	17.739	2503	2508	2511	rVB	1161	2508	0.16%	0.017%
44	17.862	2524	2529	2537	rBV	134831	182751	11.61%	1.273%
45	18.133	2571	2575	2579	rBV2	3981	5069	0.32%	0.035%
46	18.227	2589	2591	2594	rBV2	1711	1809	0.11%	0.013%
47	18.509	2636	2639	2644	rBV4	5233	7273	0.46%	0.051%
48	18.557	2644	2647	2648	rBV3	1612	1603	0.10%	0.011%
49	18.662	2661	2665	2667	rVB3	1925	2614	0.17%	0.018%
50	18.680	2667	2668	2671	rBV2	2116	2069	0.13%	0.014%
51	18.780	2680	2685	2687	rBV2	6403	8014	0.51%	0.056%
52	18.892	2702	2704	2707	rVB4	2089	2226	0.14%	0.016%
53	18.939	2709	2712	2714	rBV4	2238	3161	0.20%	0.022%
54	19.004	2719	2723	2734	rVV4	21273	40282	2.56%	0.281%
55	19.151	2743	2748	2762	rBV2	83921	130543	8.29%	0.909%
56	19.256	2763	2766	2770	rVB	5820	7999	0.51%	0.056%
57	19.321	2775	2777	2780	rVB3	2529	2196	0.14%	0.015%
58	19.374	2780	2786	2791	rBV	1232353	1574375	100.00%	10.965%
59	19.904	2872	2876	2880	rVB	27449	26596	1.69%	0.185%
60	20.403	2957	2961	2966	rBV2	45485	53790	3.42%	0.375%
61	20.445	2966	2968	2971	rVB4	7292	6456	0.41%	0.045%
62	20.868	3036	3040	3049	rBV2	105448	153899	9.78%	1.072%
63	21.174	3088	3092	3099	rBV	440592	570196	36.22%	3.971%
64	21.303	3111	3114	3118	rVB	88251	88231	5.60%	0.614%
65	21.727	3183	3186	3190	rBV	89440	94054	5.97%	0.655%
66	22.174	3259	3262	3268	rBV	87191	108668	6.90%	0.757%
67	22.662	3341	3345	3350	rVB2	81968	111781	7.10%	0.778%
68	23.227	3433	3441	3449	rVB	732414	1371451	87.11%	9.551%
69	23.368	3459	3465	3477	rVB	294222	569779	36.19%	3.968%

Sum of corrected areas: 14358824

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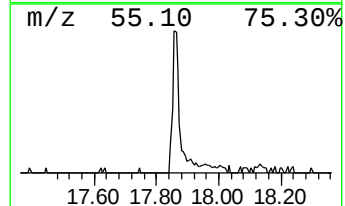
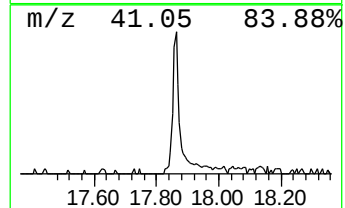
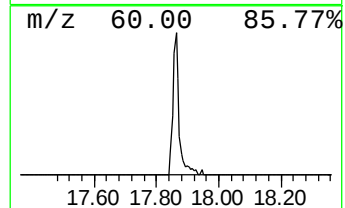
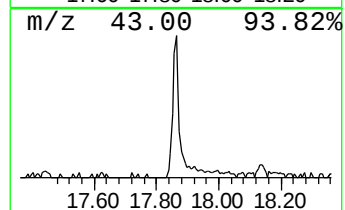
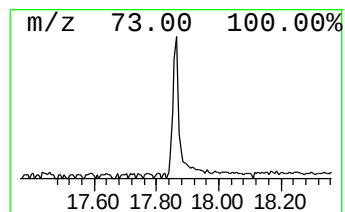
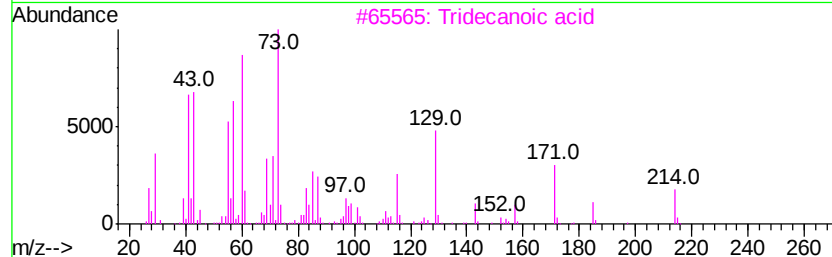
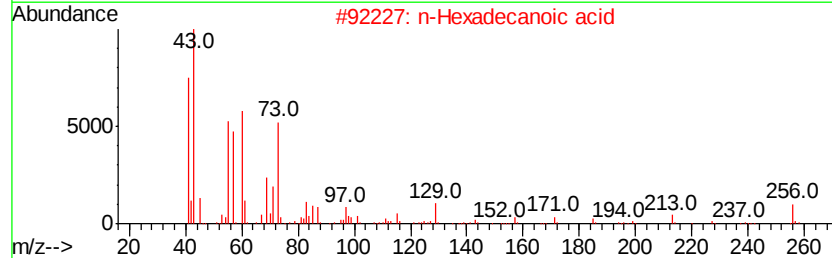
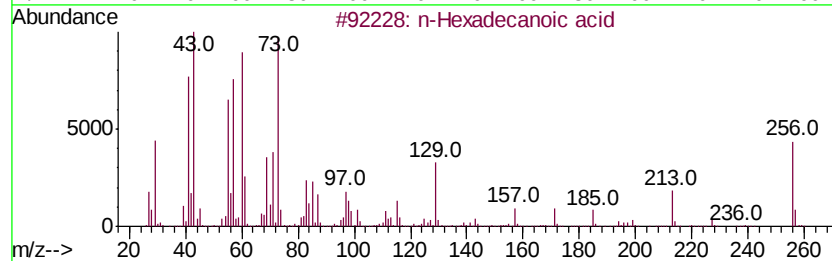
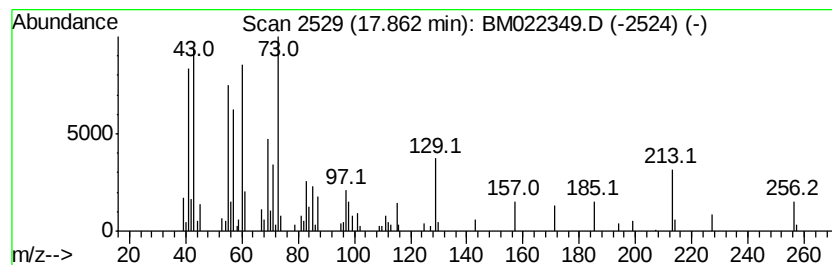
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	5.54 ng/ul	182751	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81



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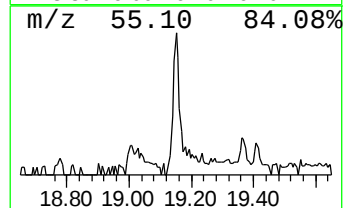
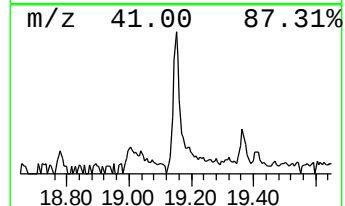
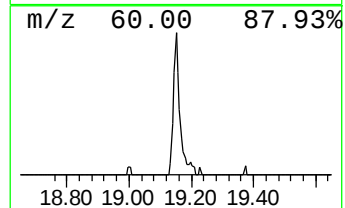
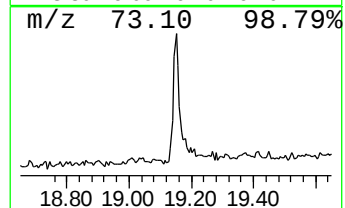
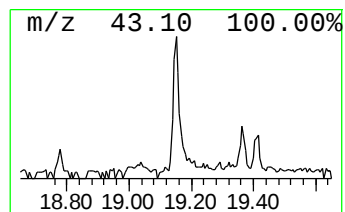
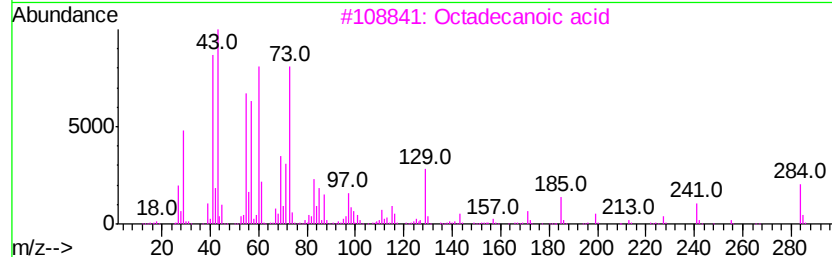
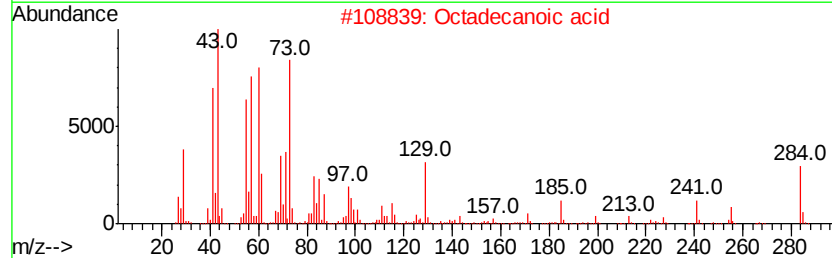
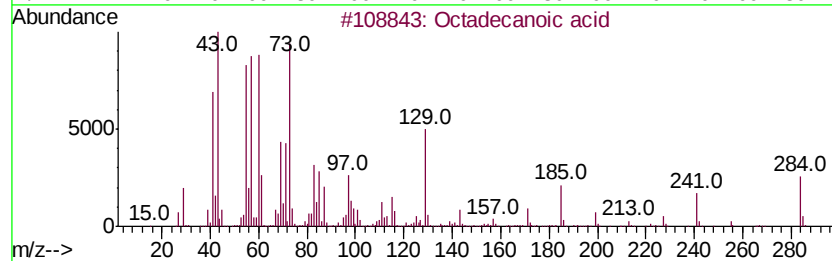
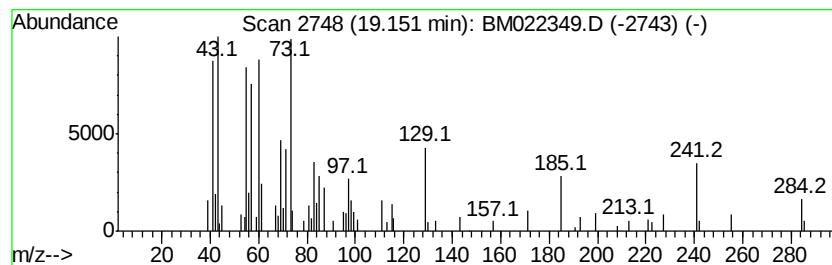
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	4.58 ng/ul	130543	Chrysene-d12	21.17

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	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	87



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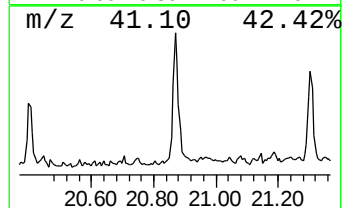
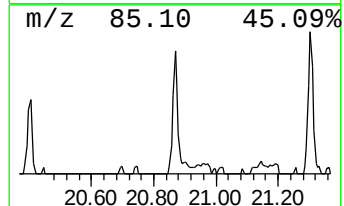
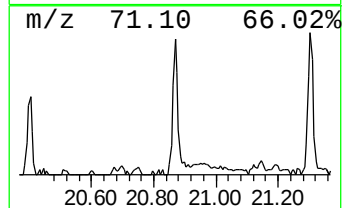
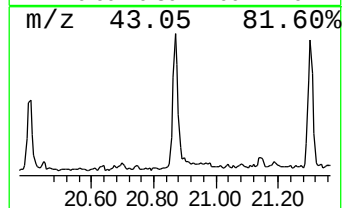
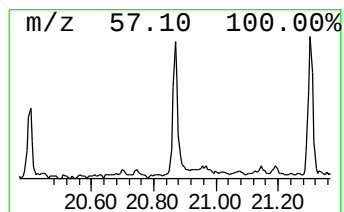
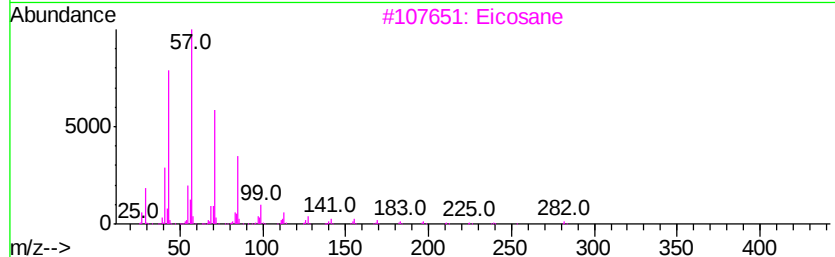
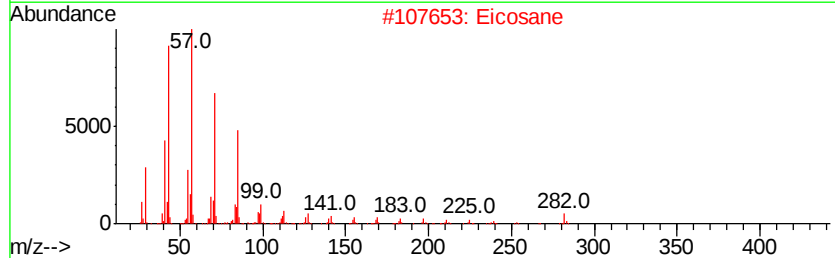
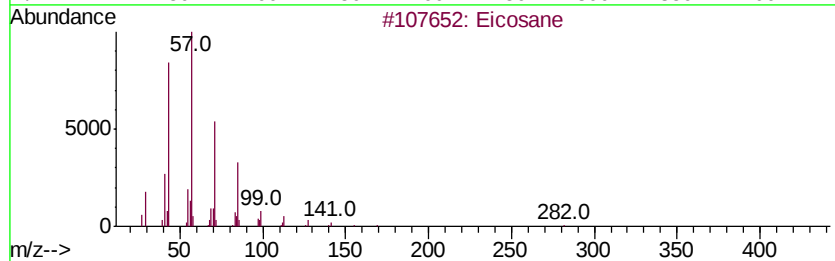
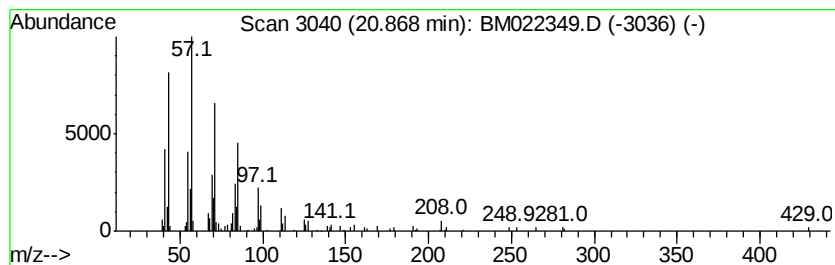
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.40 ng/ul	153899	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	93
3		Eicosane	282	C20H42	000112-95-8	91
4		Tritetracontane	605	C43H88	007098-21-7	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



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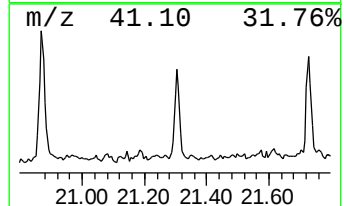
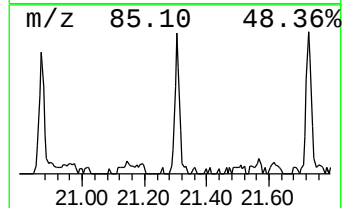
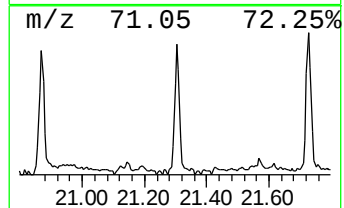
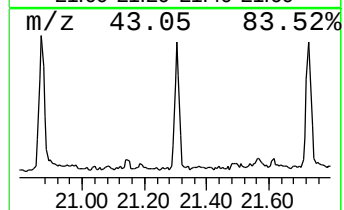
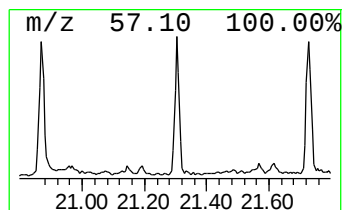
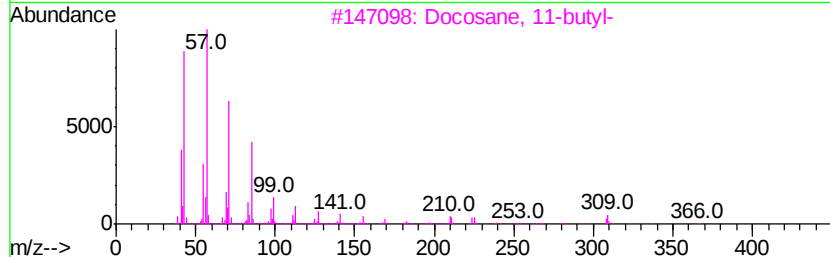
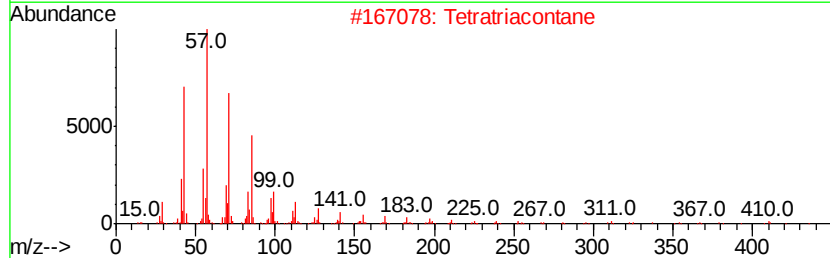
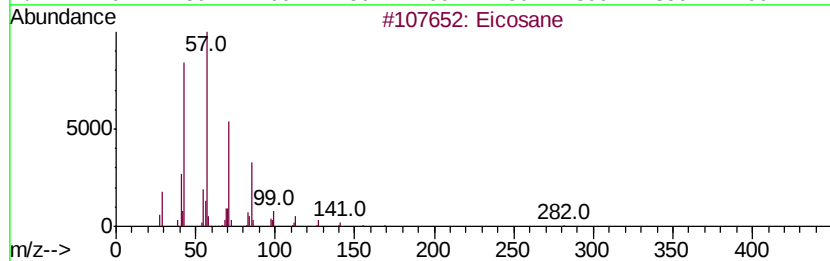
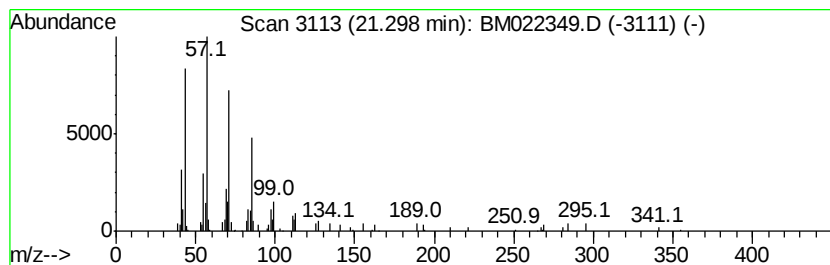
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	3.09 ng/ul	88231	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	92
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		Nonadecane	268	C19H40	000629-92-5	87



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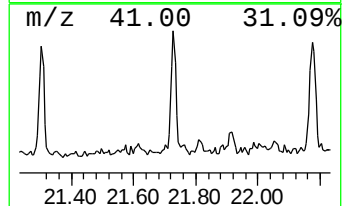
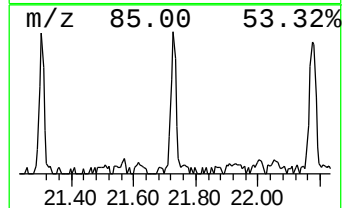
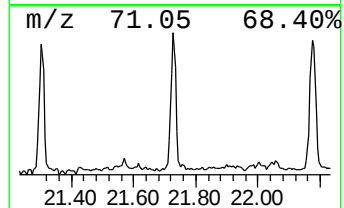
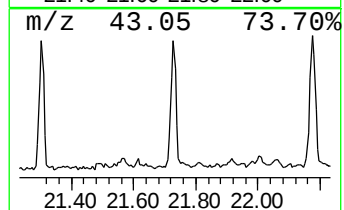
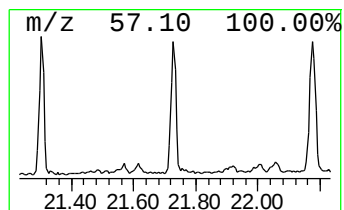
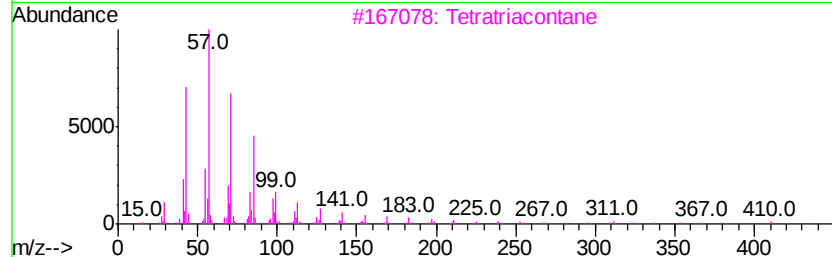
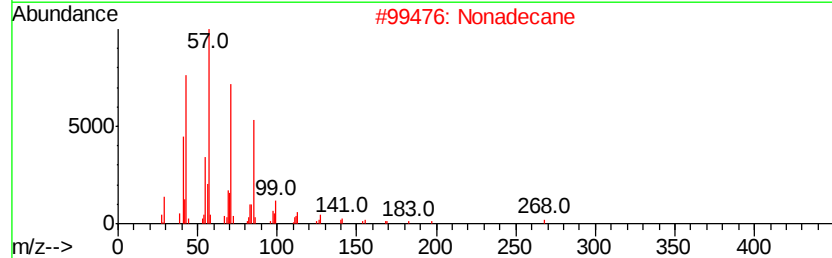
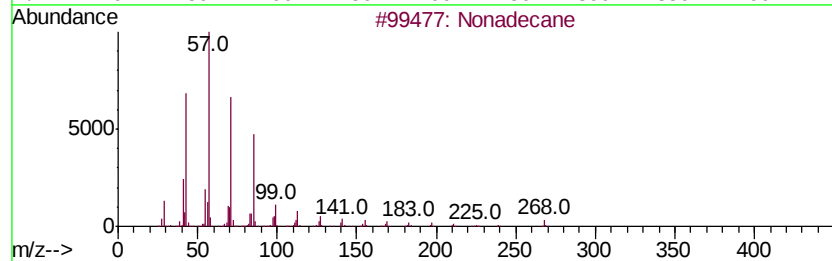
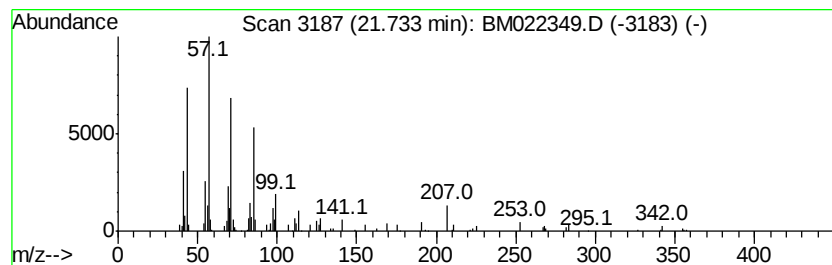
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	3.30 ng/ul	94054	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	93
2	Nonadecane		268	C19H40	000629-92-5	91
3	Tetratriacontane		479	C34H70	014167-59-0	87
4	Triacontane		422	C30H62	000638-68-6	87
5	Heneicosane		296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022349.D
Acq On : 27 Aug 2019 03:25
Operator : HP/JU
Sample : K4464-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEJT9

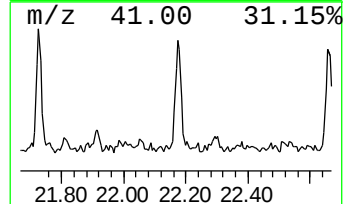
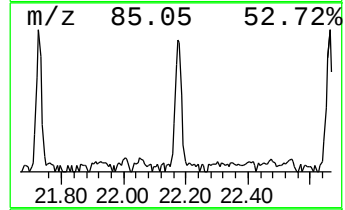
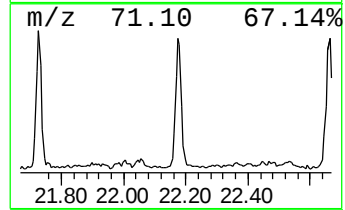
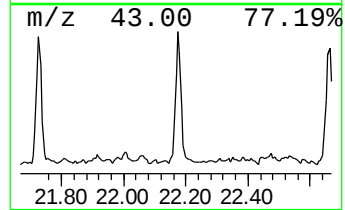
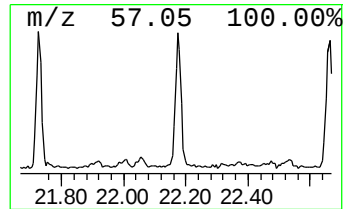
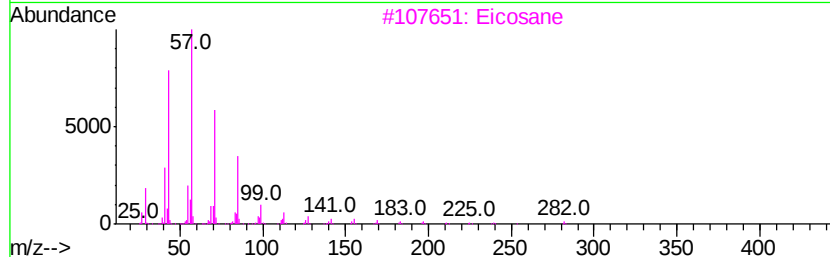
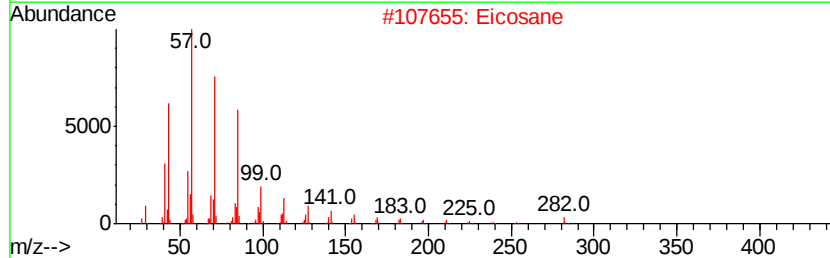
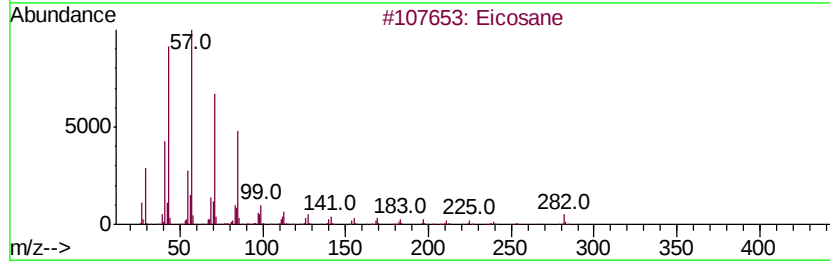
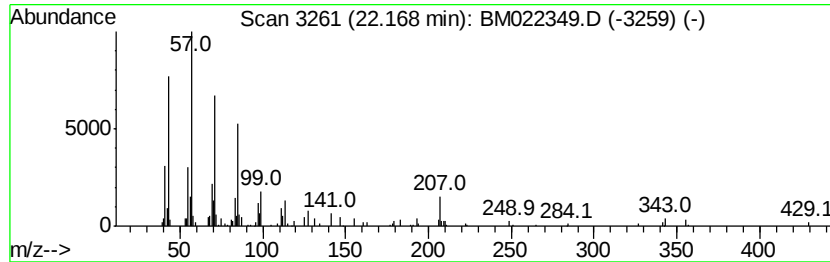
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	3.81 ng/ul	108668	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	94
3		Eicosane	282	C20H42	000112-95-8	93
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022349.D
Acq On : 27 Aug 2019 03:25
Operator : HP/JU
Sample : K4464-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEJT9

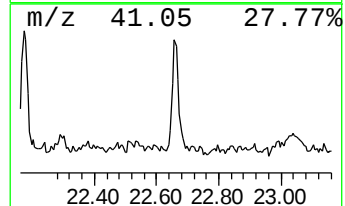
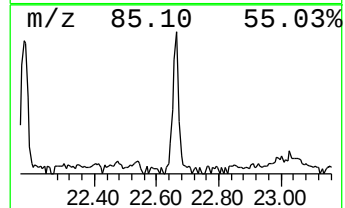
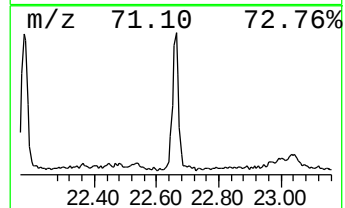
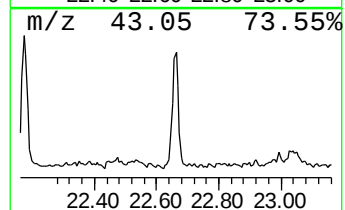
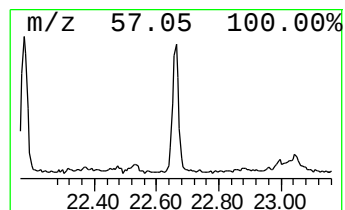
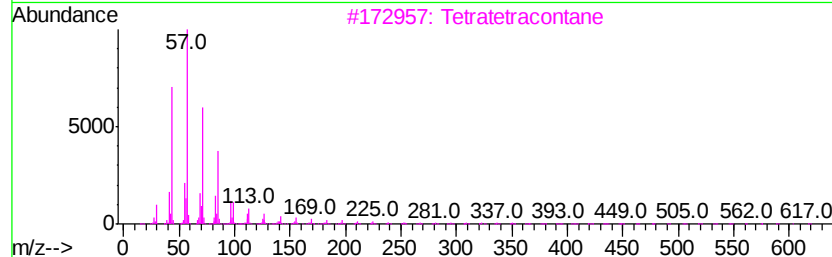
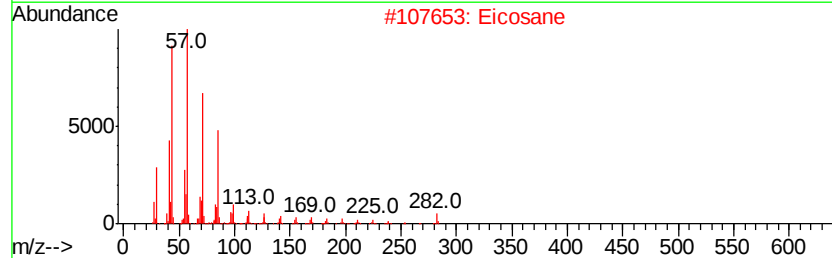
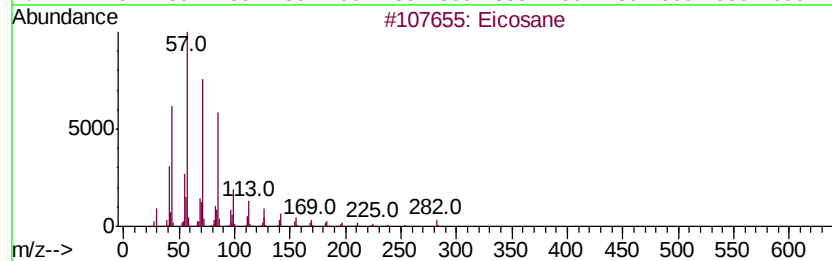
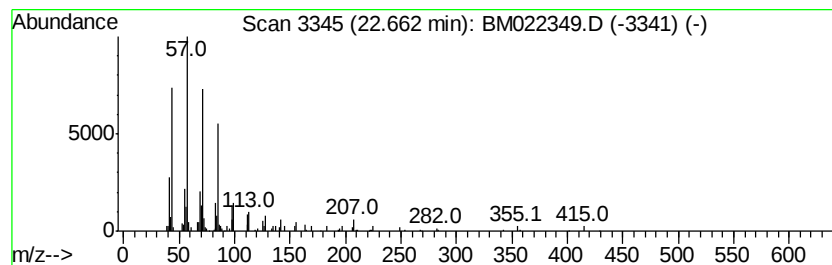
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	3.92 ng/ul	111781	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	91
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022349.D
Acq On : 27 Aug 2019 03:25
Operator : HP/JU
Sample : K4464-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEJT9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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	17.86	5.5	ng/ul	182751	4	16.96	659884	20.0
Octadecanoic acid	19.15	4.6	ng/ul	130543	5	21.17	570196	20.0
(DEL) Alkane: Str...	20.87	5.4	ng/ul	153899	5	21.17	570196	20.0
(DEL) Alkane: Str...	21.30	3.1	ng/ul	88231	5	21.17	570196	20.0
(DEL) Alkane: Str...	21.73	3.3	ng/ul	94054	5	21.17	570196	20.0
(DEL) Alkane: Str...	22.17	3.8	ng/ul	108668	5	21.17	570196	20.0
(DEL) Alkane: Str...	22.66	3.9	ng/ul	111781	6	23.37	569779	20.0