

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024085.D
 Acq On : 13 Dec 2019 10:55
 Operator : JU
 Sample : K6132-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQR1

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-BM112719MA.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	3.028	21	24	31	rVB	90002	119438	1.49%	0.128%
2	3.728	140	143	149	rVB3	22304	37155	0.46%	0.040%
3	6.534	614	620	627	rBV5	14344	33672	0.42%	0.036%
4	6.663	636	642	659	rBV	392255	747054	9.30%	0.798%
5	6.822	663	669	684	rBV	1259740	2094006	26.06%	2.238%
6	7.010	694	701	713	rBV	1431655	2363516	29.42%	2.526%
7	7.469	772	779	789	rBV	1480223	2362901	29.41%	2.525%
8	7.581	796	798	806	rVB7	7670	13387	0.17%	0.014%
9	8.187	894	901	922	rBV	1104697	1912384	23.80%	2.044%
10	8.622	967	975	987	rBV	1556976	2597028	32.33%	2.775%
11	8.798	1003	1005	1012	rVB6	7076	13052	0.16%	0.014%
12	8.957	1027	1032	1035	rBV6	11129	15706	0.20%	0.017%
13	9.063	1044	1050	1059	rVB3	25772	52947	0.66%	0.057%
14	9.339	1090	1097	1107	rBV	1304307	2183428	27.18%	2.333%
15	9.628	1140	1146	1149	rBV8	7407	15003	0.19%	0.016%
16	9.875	1181	1188	1203	rBV	1915258	3388094	42.17%	3.621%
17	10.239	1242	1250	1258	rBV	1982117	3290515	40.96%	3.517%
18	10.404	1269	1278	1287	rBV3	60052	139147	1.73%	0.149%
19	10.551	1298	1303	1308	rBV8	11525	18215	0.23%	0.019%
20	11.081	1389	1393	1397	rBV6	6176	11010	0.14%	0.012%
21	11.780	1509	1512	1517	rVB5	5717	10689	0.13%	0.011%
22	11.851	1517	1524	1533	rBV4	46880	116729	1.45%	0.125%
23	12.069	1556	1561	1564	rBV6	6093	11031	0.14%	0.012%
24	12.475	1624	1630	1634	rBV7	9090	17904	0.22%	0.019%
25	12.604	1647	1652	1658	rVB6	12045	20207	0.25%	0.022%
26	12.739	1670	1675	1679	rBV5	10504	18910	0.24%	0.020%
27	13.039	1722	1726	1732	rVB3	17146	27391	0.34%	0.029%
28	13.551	1807	1813	1818	rBV	3613898	4929358	61.36%	5.268%
29	13.598	1818	1821	1828	rVV	240402	338599	4.21%	0.362%
30	13.674	1831	1834	1839	rVB7	7982	12634	0.16%	0.014%
31	13.816	1850	1858	1869	rBV	4219720	6197861	77.15%	6.624%
32	14.057	1896	1899	1904	rVB7	8746	14294	0.18%	0.015%
33	14.127	1905	1911	1921	rVV	2844673	4175761	51.98%	4.463%
34	14.380	1949	1954	1967	rBV2	148581	379976	4.73%	0.406%

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35	14.586	1985	1989	1991	rBV5	11042	14221	0.18%	0.015%
36	14.680	2001	2005	2006	rBV4	7257	8375	0.10%	0.009%
37	14.957	2049	2052	2060	rVV2	19536	38782	0.48%	0.041%
38	15.016	2060	2062	2066	rVV5	8041	10857	0.14%	0.012%
39	15.133	2075	2082	2095	rBV	5286933	7810549	97.22%	8.347%
40	15.274	2100	2106	2117	rVV	1469323	2122288	26.42%	2.268%
41	15.374	2119	2123	2125	rVV	68778	113498	1.41%	0.121%
42	15.404	2125	2128	2137	rVB	172044	269061	3.35%	0.288%
43	15.668	2170	2173	2178	rBV6	10868	17346	0.22%	0.019%
44	15.721	2178	2182	2190	rVB	77998	110196	1.37%	0.118%
45	15.898	2208	2212	2222	rVB2	61757	133218	1.66%	0.142%
46	15.986	2222	2227	2232	rBV	140747	205576	2.56%	0.220%
47	16.051	2233	2238	2243	rVV2	134813	263529	3.28%	0.282%
48	16.110	2243	2248	2252	rVV3	142531	227320	2.83%	0.243%
49	16.151	2252	2255	2259	rVV	93527	119692	1.49%	0.128%
50	16.227	2261	2268	2270	rVV2	64825	137235	1.71%	0.147%
51	16.257	2270	2273	2275	rVV	53736	64100	0.80%	0.069%
52	16.304	2276	2281	2289	rVV4	137741	284782	3.54%	0.304%
53	16.374	2289	2293	2298	rVV	187672	275712	3.43%	0.295%
54	16.445	2302	2305	2310	rVB2	110629	150725	1.88%	0.161%
55	16.668	2341	2343	2348	rVB5	33576	38207	0.48%	0.041%
56	16.880	2373	2379	2390	rBV	3063767	4500791	56.02%	4.810%
57	16.980	2390	2396	2407	rVV	5275635	7467677	92.95%	7.981%
58	17.304	2448	2451	2456	rVB5	37171	55287	0.69%	0.059%
59	17.809	2532	2537	2544	rBV	523967	787954	9.81%	0.842%
60	18.239	2607	2610	2614	rVB4	56908	68417	0.85%	0.073%
61	19.104	2754	2757	2765	rBV3	138637	211783	2.64%	0.226%
62	19.292	2783	2789	2794	rBV	5781160	7905109	98.40%	8.448%
63	19.874	2885	2888	2892	rVB	82418	90037	1.12%	0.096%
64	20.374	2970	2973	2977	rVB	157658	166410	2.07%	0.178%
65	20.833	3047	3051	3057	rBV	1173731	1437217	17.89%	1.536%
66	21.092	3090	3095	3105	rBV	3552662	4549825	56.63%	4.862%
67	21.274	3123	3126	3131	rBV	335483	345470	4.30%	0.369%
68	21.615	3181	3184	3192	rVB2	256044	331964	4.13%	0.355%
69	21.692	3195	3197	3207	rVB	336726	484037	6.02%	0.517%
70	22.133	3270	3272	3278	rVB2	403963	483007	6.01%	0.516%
71	22.250	3289	3292	3298	rVB	933433	1185202	14.75%	1.267%

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72	22.615	3351	3354	3359	rVB	457710	589280	7.33%	0.630%
73	23.097	3430	3436	3442	rBV	4848919	8033920	100.00%	8.586%
74	23.233	3453	3459	3468	rVB	2693338	4782323	59.53%	5.111%

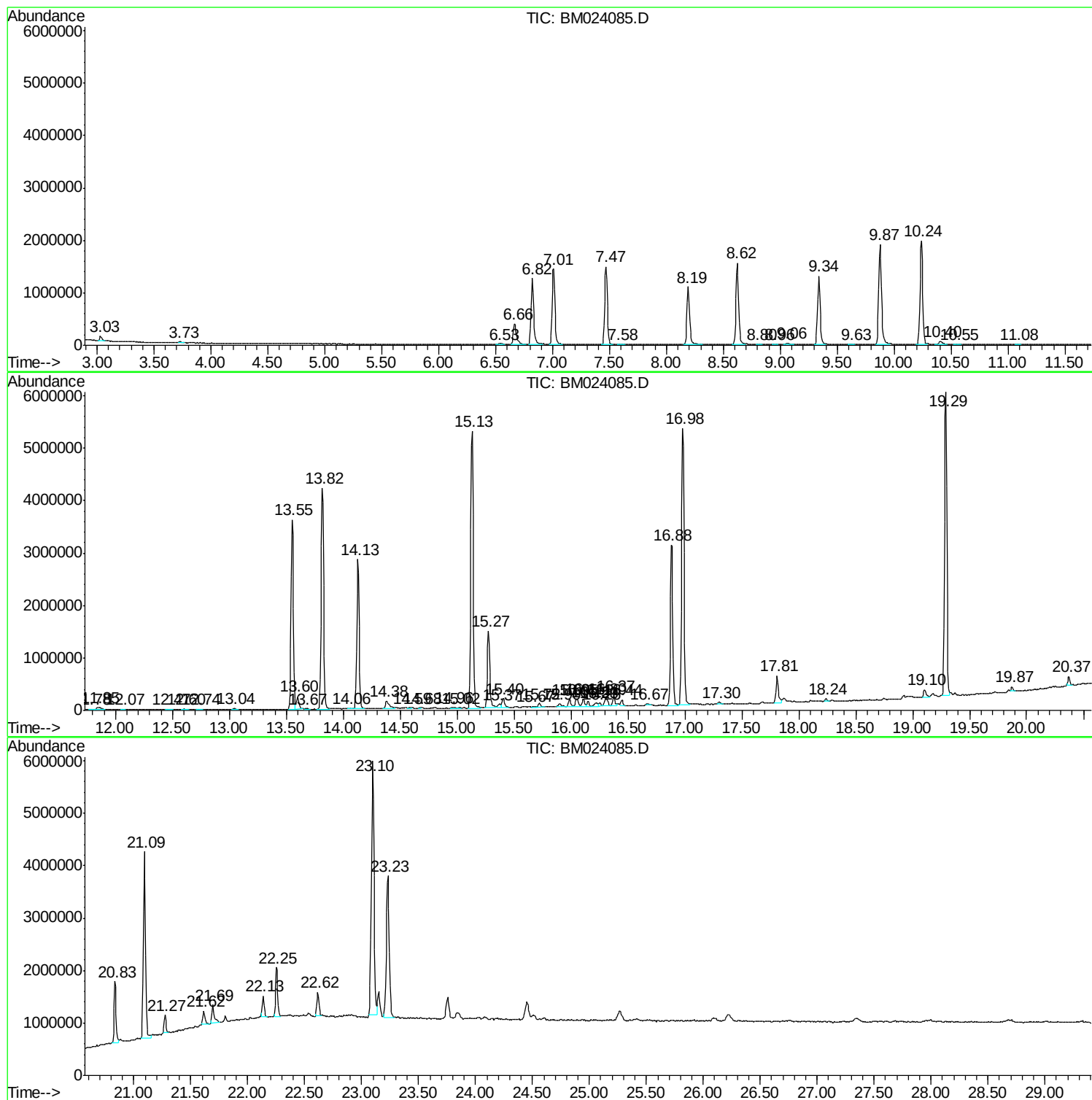
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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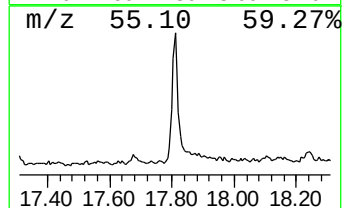
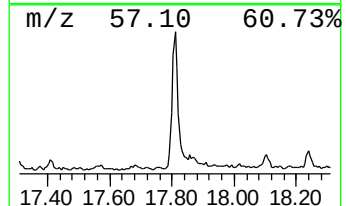
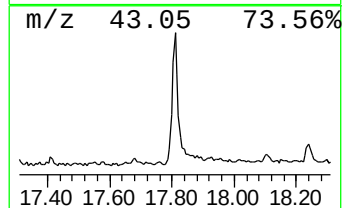
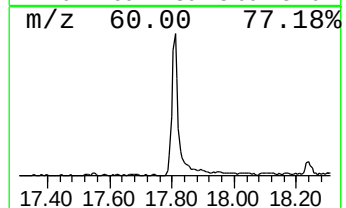
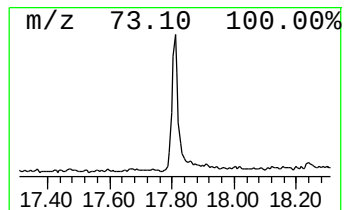
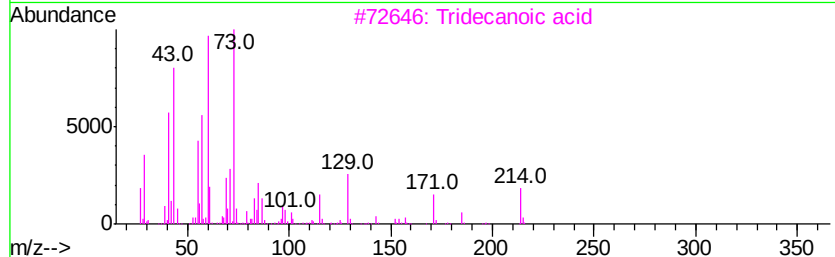
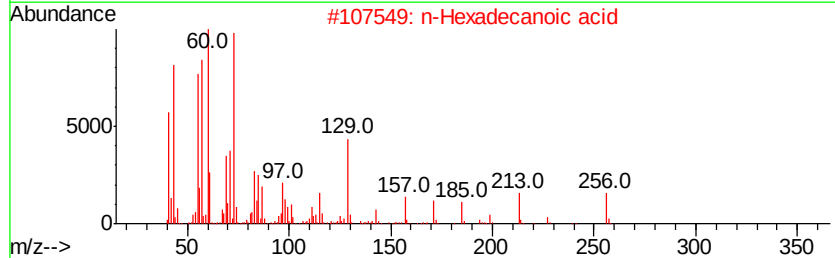
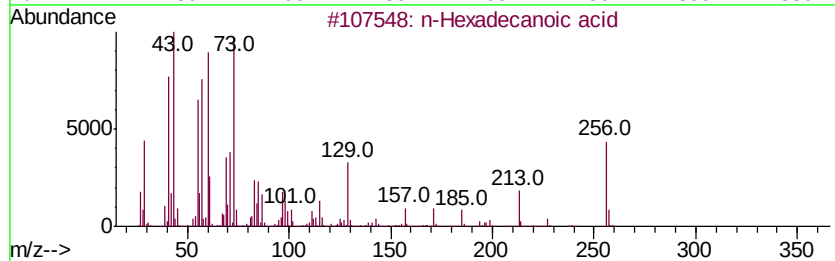
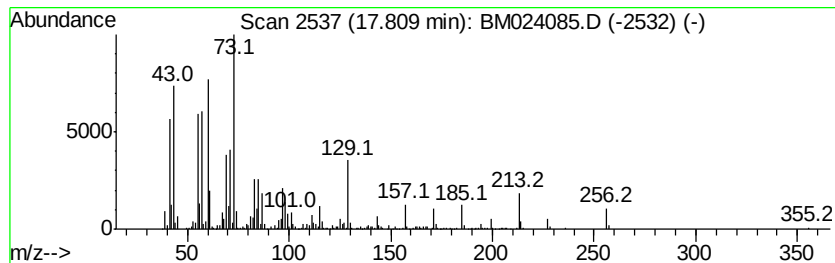
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	3.50 ng/ul	787954	Phenanthrene-d10	16.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5		Octadecanoic acid	284	C18H36O2	000057-11-4	87



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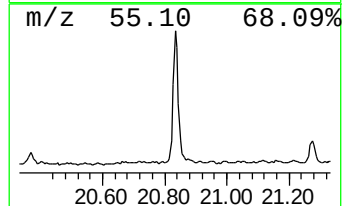
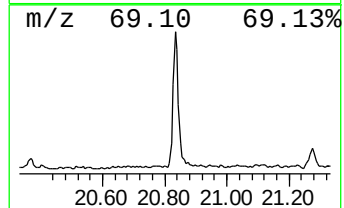
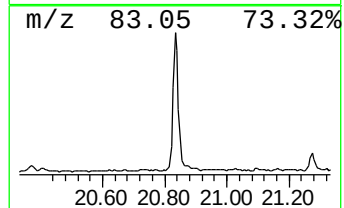
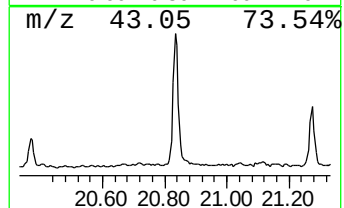
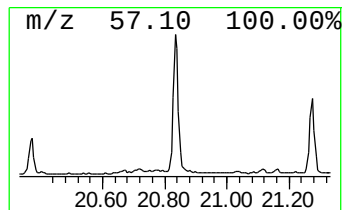
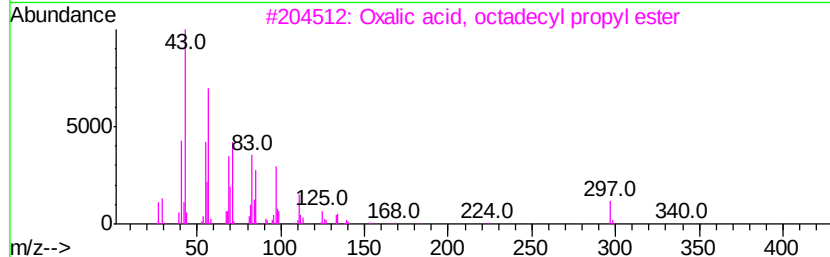
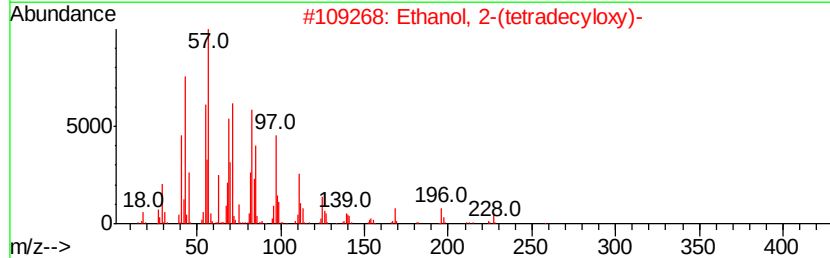
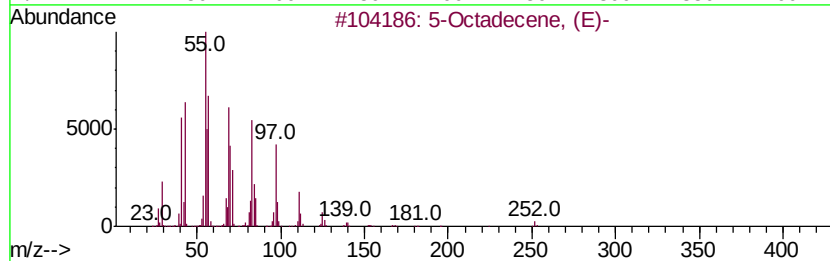
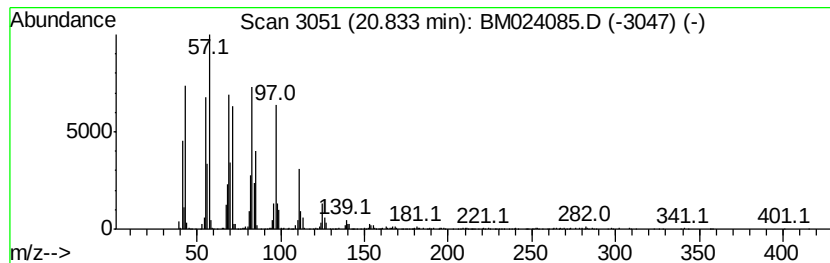
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	6.32 ng/ul	1437220	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5		1-Docosene	308	C22H44	001599-67-3	87



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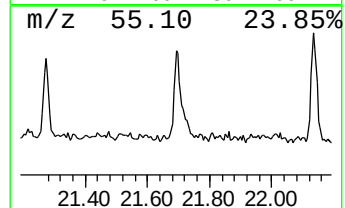
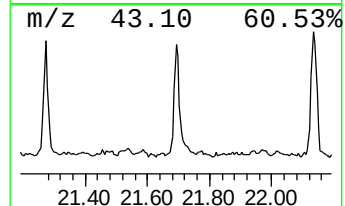
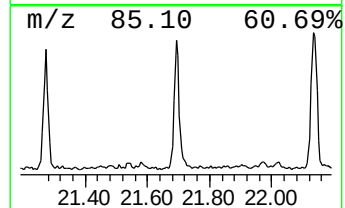
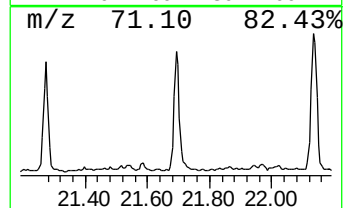
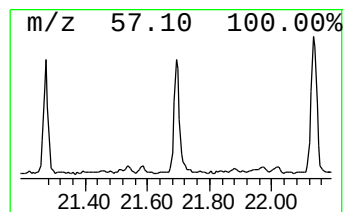
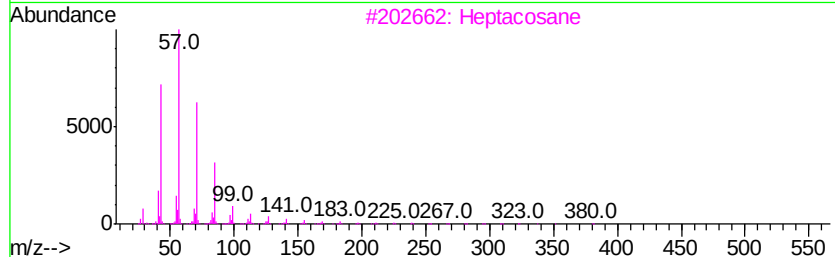
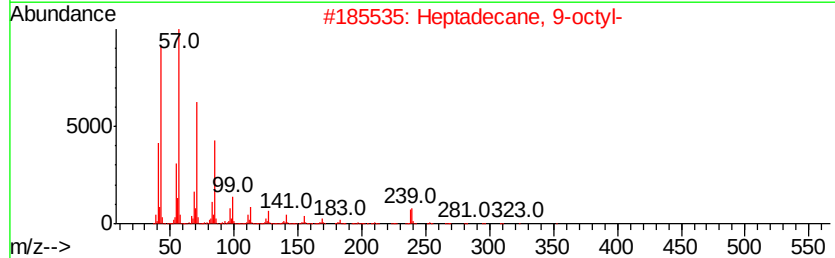
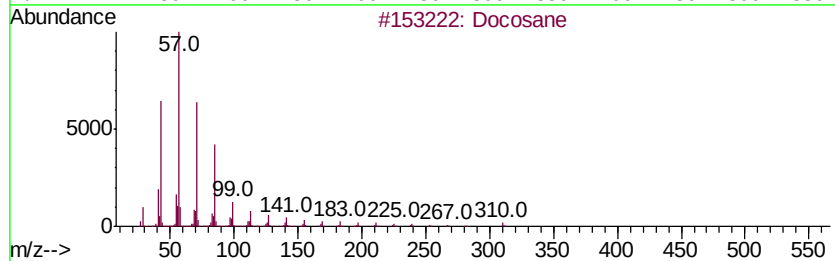
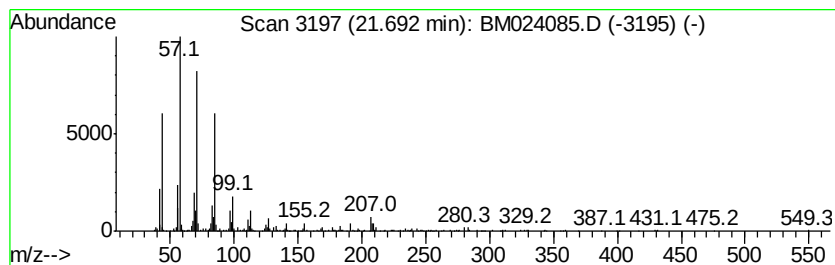
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.13 ng/ul	484037	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	87
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
3		Heptacosane	380	C27H56	000593-49-7	81
4		Octadecane	254	C18H38	000593-45-3	80
5		Heneicosane	296	C21H44	000629-94-7	72



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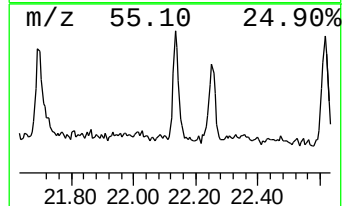
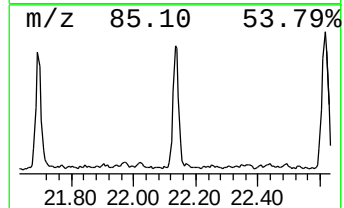
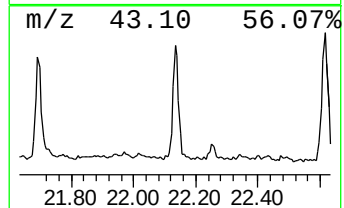
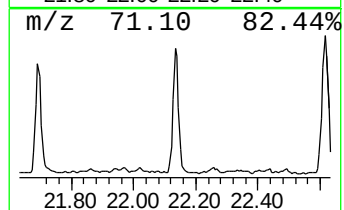
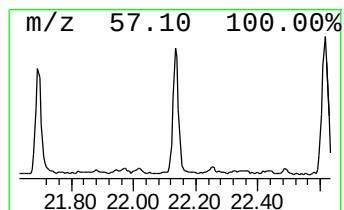
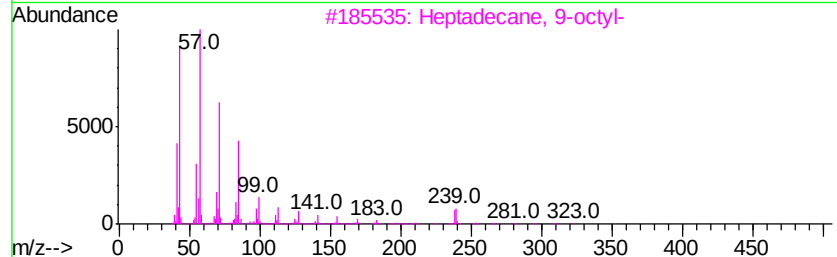
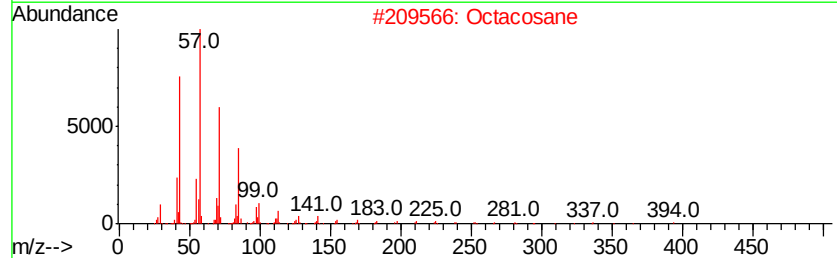
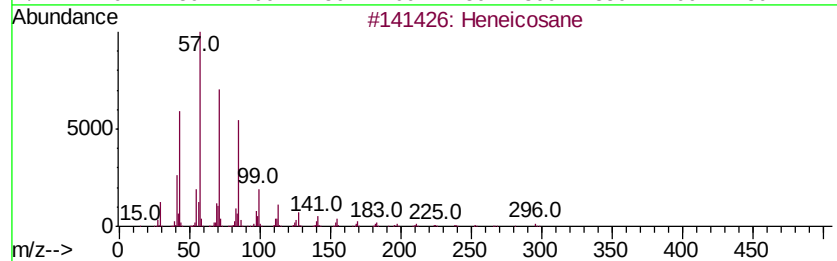
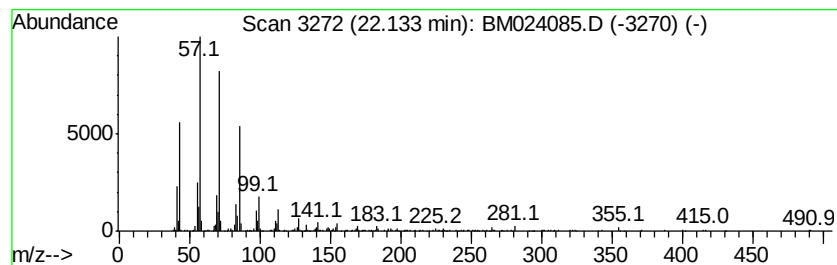
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.12 ng/ul	483007	Chrysene-d12	21.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Octacosane	394 C28H58	000630-02-4	91
3	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
4	Heneicosane	296 C21H44	000629-94-7	91
5	Heptacosane	380 C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024085.D
Acq On : 13 Dec 2019 10:55
Operator : JU
Sample : K6132-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQR1

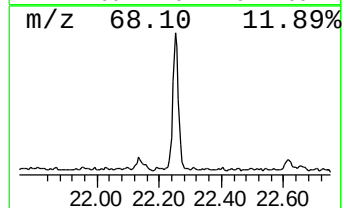
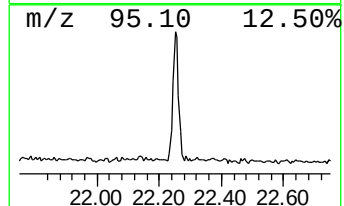
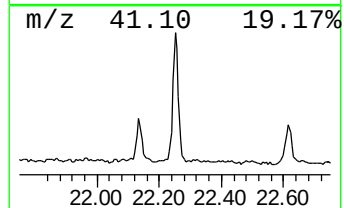
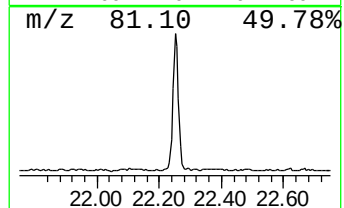
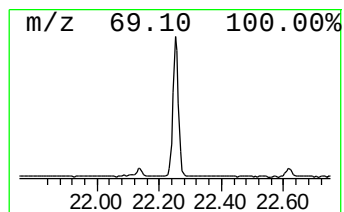
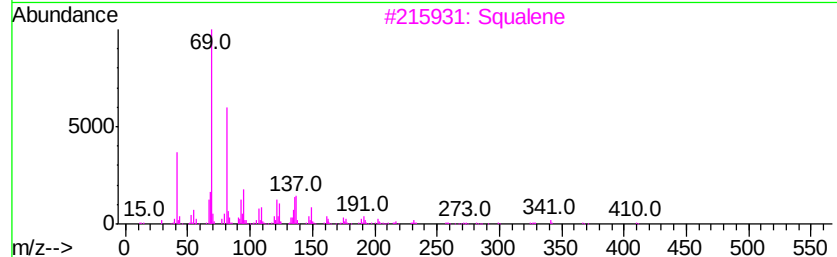
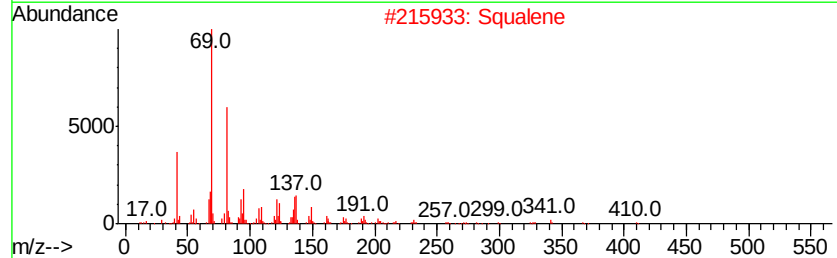
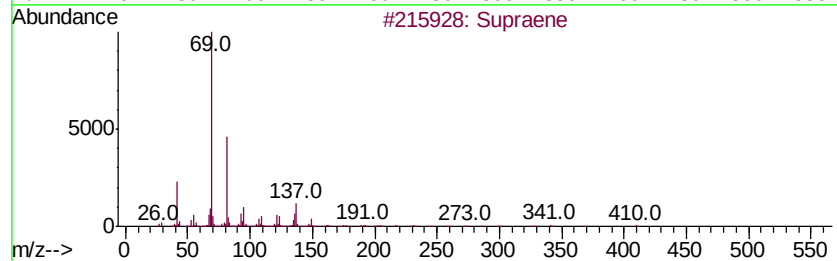
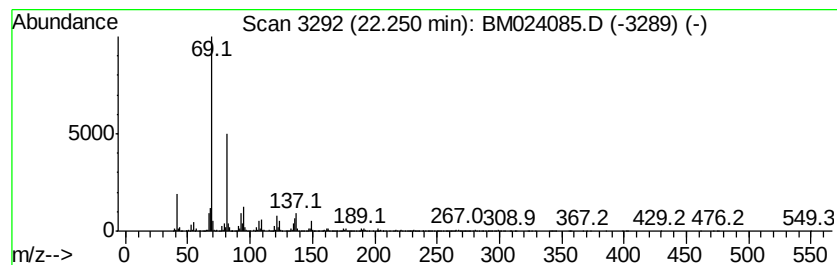
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	4.96 ng/ul	1185200	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	91
3		Squalene	410	C30H50	000111-02-4	91
4		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
5		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024085.D
Acq On : 13 Dec 2019 10:55
Operator : JU
Sample : K6132-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQR1

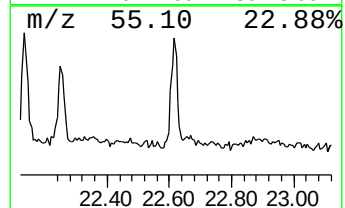
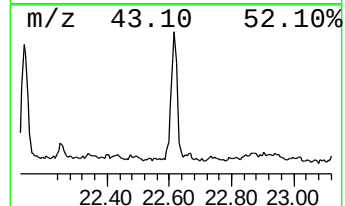
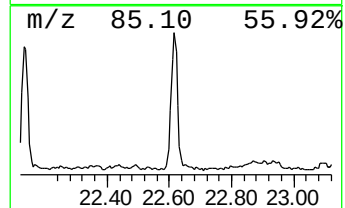
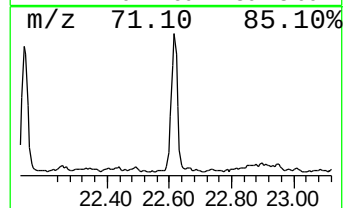
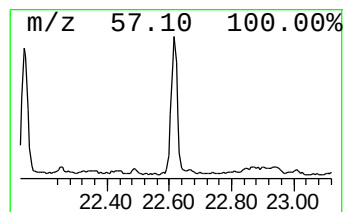
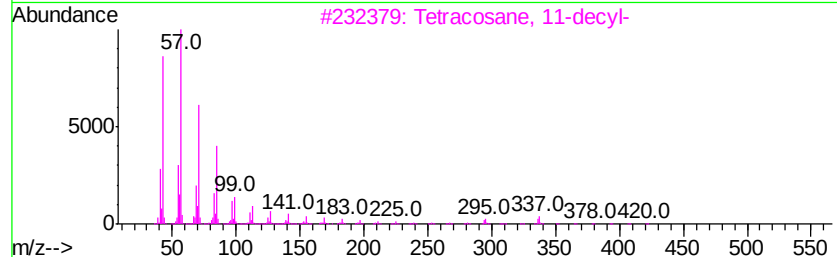
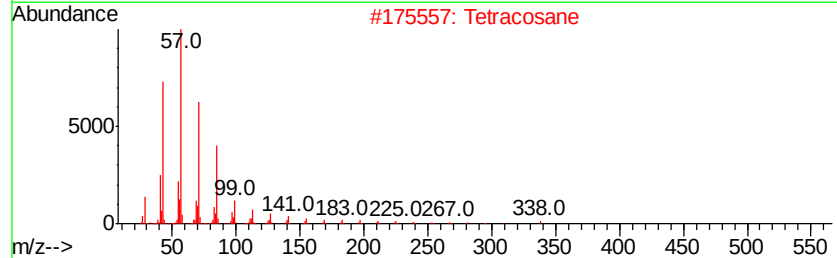
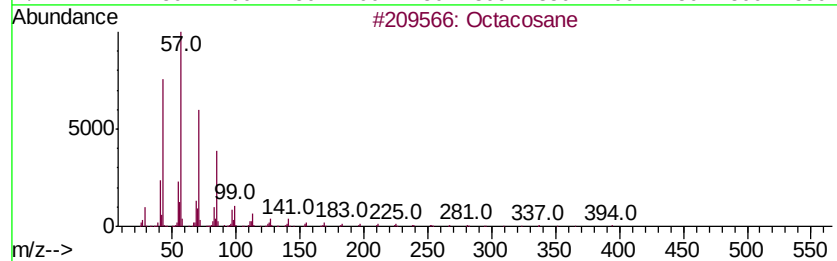
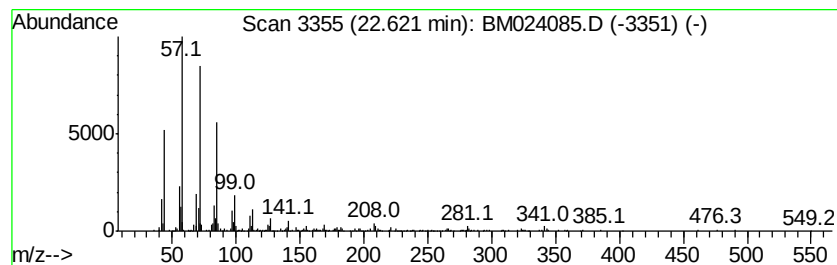
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	2.46 ng/ul	589280	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024085.D
Acq On : 13 Dec 2019 10:55
Operator : JU
Sample : K6132-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.81	3.5	ng/ul	787954	4	16.88	4500790	20.0
(DEL) Alkane: Cyc...	20.83	6.3	ng/ul	1437220	5	21.09	4549830	20.0
(DEL) Alkane: Str...	21.69	2.1	ng/ul	484037	5	21.09	4549830	20.0
(DEL) Alkane: Str...	22.13	2.1	ng/ul	483007	5	21.09	4549830	20.0
Supraene	22.25	5.0	ng/ul	1185200	6	23.23	4782320	20.0
(DEL) Alkane: Str...	22.62	2.5	ng/ul	589280	6	23.23	4782320	20.0