

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
 Data File : BM024327.D
 Acq On : 27 Dec 2019 15:29
 Operator : JU
 Sample : K6280-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFF28

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-BM121719MA.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	2.987	14	17	29	rVB	65086	122026	2.41%	0.239%
2	3.681	132	135	140	rVB3	12070	17389	0.34%	0.034%
3	5.399	425	427	431	rBV5	3840	5946	0.12%	0.012%
4	6.581	623	628	629	rBV5	4543	6300	0.12%	0.012%
5	6.622	629	635	648	rVB	219980	430275	8.48%	0.844%
6	6.769	654	660	673	rBV	637195	1065482	21.00%	2.090%
7	6.957	686	692	703	rBV	750883	1241787	24.48%	2.436%
8	7.416	762	770	778	rBV	784879	1270548	25.05%	2.493%
9	7.487	778	782	789	rVB8	14992	32192	0.63%	0.063%
10	8.145	887	894	908	rBV	554436	1006424	19.84%	1.975%
11	8.569	958	966	977	rBV	760575	1327807	26.18%	2.605%
12	8.845	1009	1013	1015	rVB5	4247	6325	0.12%	0.012%
13	8.998	1035	1039	1043	rVB	15792	18702	0.37%	0.037%
14	9.081	1052	1053	1058	rVB4	4379	5538	0.11%	0.011%
15	9.287	1081	1088	1099	rBV	645167	1111472	21.91%	2.181%
16	9.822	1173	1179	1199	rVV	832574	1650659	32.54%	3.239%
17	10.181	1233	1240	1252	rBV	1068576	1747258	34.44%	3.428%
18	10.357	1262	1270	1279	rBV2	49745	111040	2.19%	0.218%
19	10.492	1289	1293	1299	rVB6	5302	11015	0.22%	0.022%
20	11.069	1388	1391	1394	rVV5	3852	5784	0.11%	0.011%
21	11.733	1498	1504	1509	rBV7	6669	11269	0.22%	0.022%
22	11.792	1510	1514	1522	rVB6	16011	31106	0.61%	0.061%
23	12.233	1583	1589	1590	rBV6	3085	5745	0.11%	0.011%
24	12.628	1650	1656	1660	rBV6	3052	6817	0.13%	0.013%
25	12.686	1663	1666	1670	rVV5	5107	6728	0.13%	0.013%
26	13.504	1798	1805	1811	rBV	1847723	2616315	51.58%	5.133%
27	13.551	1811	1813	1822	rVB	73561	109441	2.16%	0.215%
28	13.769	1844	1850	1859	rBV	2053383	3020003	59.53%	5.925%
29	13.957	1875	1882	1895	rVV3	79073	216601	4.27%	0.425%
30	14.080	1897	1903	1911	rVB	1522769	2229336	43.95%	4.374%
31	14.357	1945	1950	1965	rBV2	107994	279581	5.51%	0.549%
32	14.539	1978	1981	1992	rVB9	13775	28253	0.56%	0.055%
33	14.857	2030	2035	2040	rBV	125635	175297	3.46%	0.344%
34	14.963	2051	2053	2057	rVB4	6034	6898	0.14%	0.014%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
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35	15.086	2067	2074	2085	rBV	2610265	3857770	76.05%	7.569%
36	15.239	2095	2100	2111	rBV	772981	1188978	23.44%	2.333%
37	15.327	2111	2115	2119	rVB3	34881	54623	1.08%	0.107%
38	15.839	2198	2202	2204	rBV4	7933	10704	0.21%	0.021%
39	15.874	2204	2208	2212	rVB5	12553	16766	0.33%	0.033%
40	15.998	2227	2229	2233	rVB4	4792	5961	0.12%	0.012%
41	16.057	2236	2239	2245	rVV5	11575	21313	0.42%	0.042%
42	16.433	2301	2303	2306	rVB4	7150	5542	0.11%	0.011%
43	16.516	2314	2317	2322	rBV7	4503	8329	0.16%	0.016%
44	16.627	2332	2336	2341	rBV4	25583	35601	0.70%	0.070%
45	16.721	2350	2352	2355	rBV3	8276	9185	0.18%	0.018%
46	16.839	2366	2372	2381	rBV	1862673	2532635	49.93%	4.969%
47	16.939	2381	2389	2401	rVV	2917013	4189667	82.59%	8.220%
48	17.233	2436	2439	2440	rBV3	6008	7463	0.15%	0.015%
49	17.280	2445	2447	2455	rVB8	15826	29453	0.58%	0.058%
50	17.398	2465	2467	2470	rBV4	5281	5360	0.11%	0.011%
51	17.633	2505	2507	2508	rBV2	6219	5131	0.10%	0.010%
52	17.762	2524	2529	2538	rBV	155040	267542	5.27%	0.525%
53	17.827	2538	2540	2544	rVB4	13399	18015	0.36%	0.035%
54	18.080	2582	2583	2590	rBV6	6654	11446	0.23%	0.022%
55	18.709	2685	2690	2693	rBV5	13373	24073	0.47%	0.047%
56	18.880	2716	2719	2726	rBV2	32742	58025	1.14%	0.114%
57	19.062	2746	2750	2758	rBV3	72810	123999	2.44%	0.243%
58	19.133	2759	2762	2767	rVB3	33263	41806	0.82%	0.082%
59	19.245	2775	2781	2792	rBV	3504493	4887860	96.35%	9.590%
60	19.804	2872	2876	2877	rBV4	26769	35440	0.70%	0.070%
61	20.327	2963	2965	2970	rVB2	56178	61786	1.22%	0.121%
62	20.792	3040	3044	3050	rBV	509084	693209	13.67%	1.360%
63	21.056	3084	3089	3095	rBV	2088621	2814067	55.47%	5.521%
64	21.233	3116	3119	3123	rBV	176991	188876	3.72%	0.371%
65	21.650	3187	3190	3199	rBV2	250766	336943	6.64%	0.661%
66	22.092	3261	3265	3270	rBV	329960	423196	8.34%	0.830%
67	22.562	3342	3345	3350	rVB	370537	474676	9.36%	0.931%
68	23.044	3421	3427	3432	rBV	2993304	5072763	100.00%	9.952%
69	23.180	3444	3450	3461	rVB	1622071	2991653	58.97%	5.869%
70	23.686	3533	3536	3542	rVB	310234	522578	10.30%	1.025%

LSC Area Percent Report

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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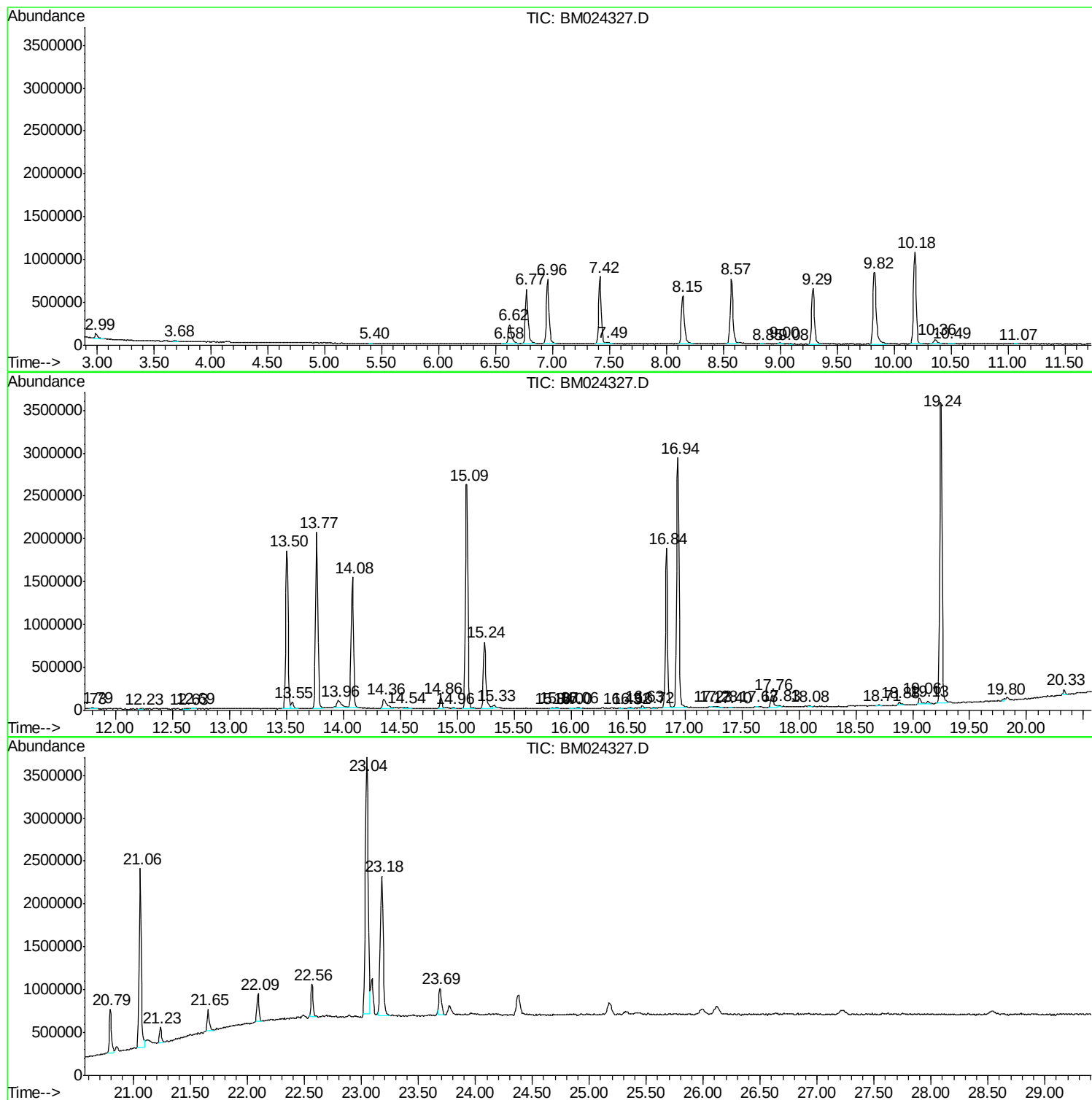
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
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Sample : K6280-02
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ALS Vial : 5 Sample Multiplier: 1

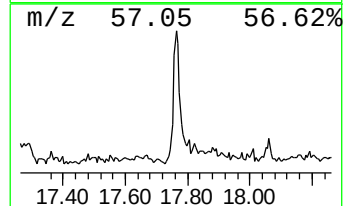
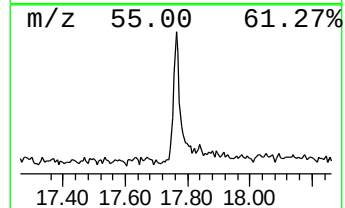
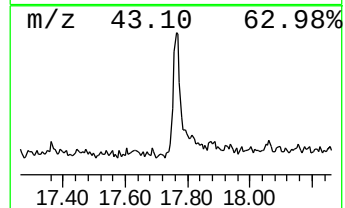
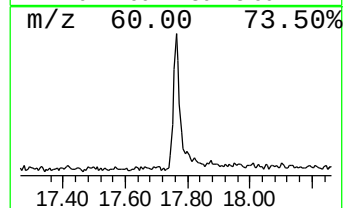
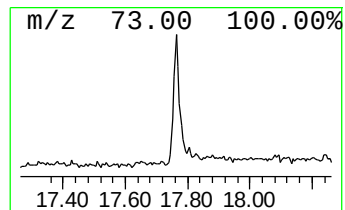
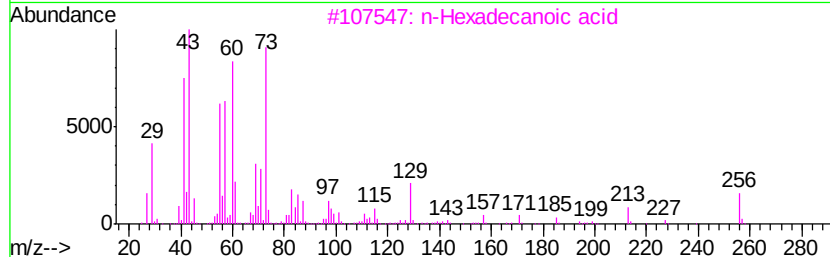
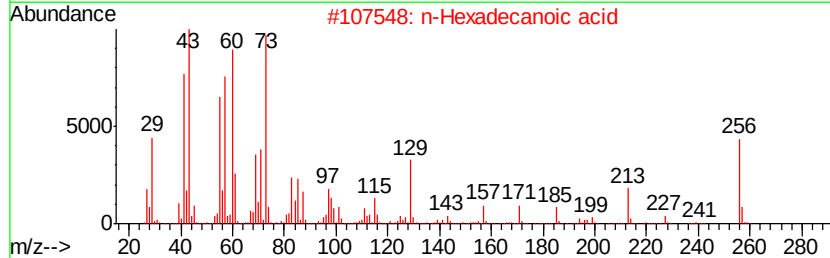
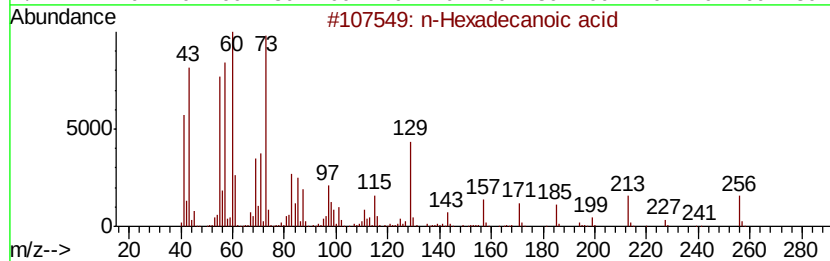
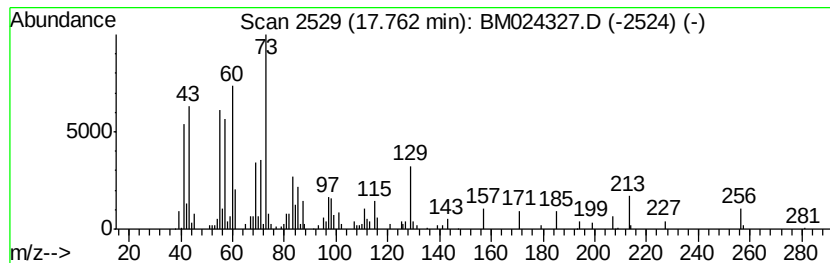
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.76	2.11 ng/ul	267542	Phenanthrene-d10	16.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72	



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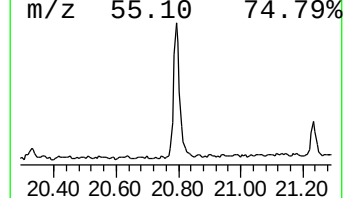
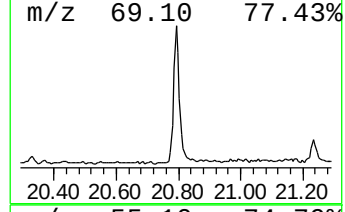
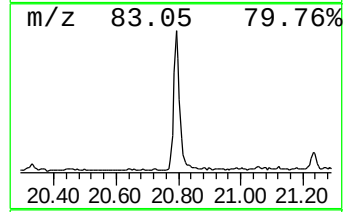
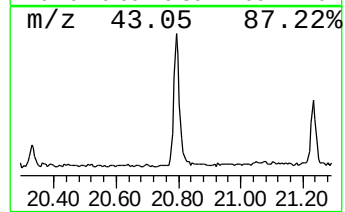
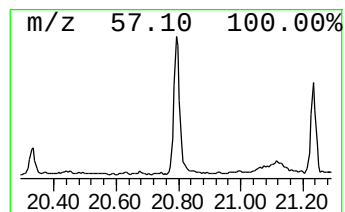
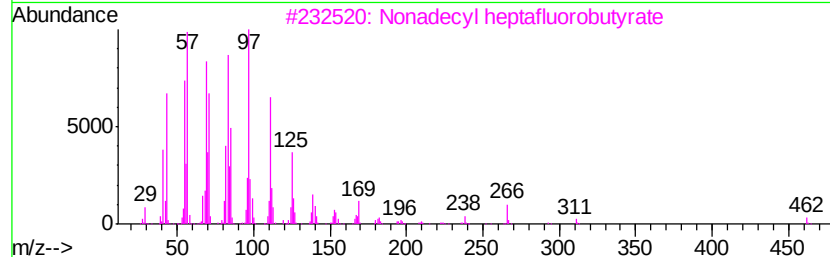
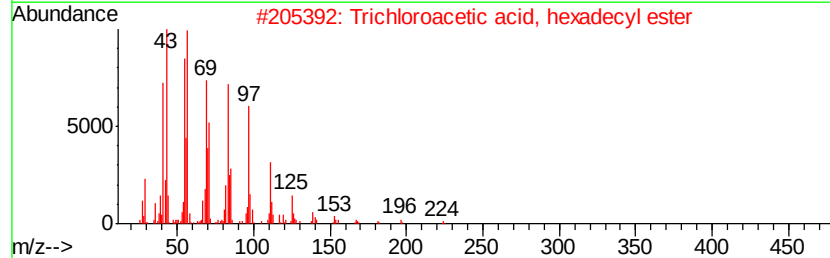
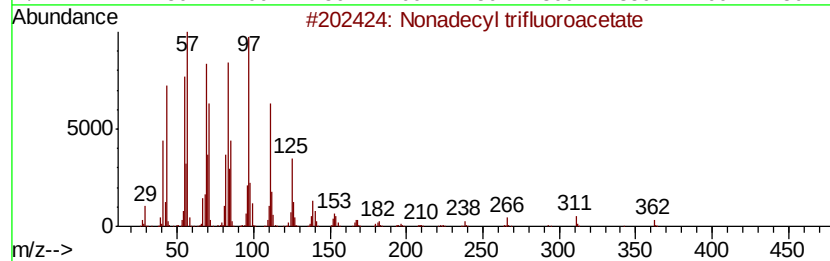
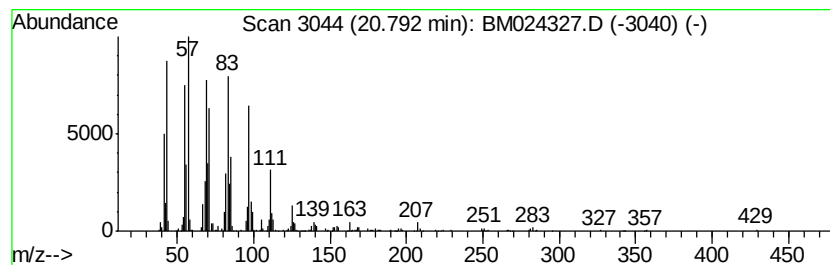
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Nonadecyl trifluoroacetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	4.93 ng/ul	693209	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5		Behenic alcohol	326	C22H46O	000661-19-8	90



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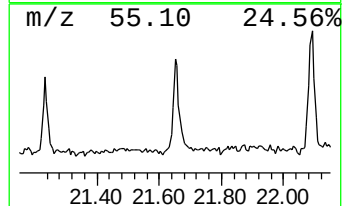
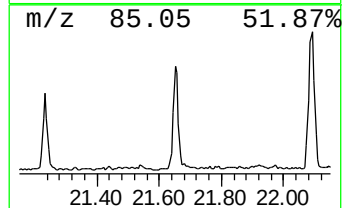
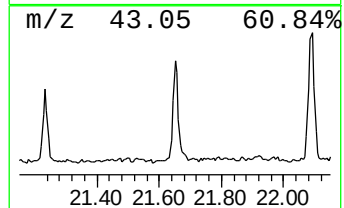
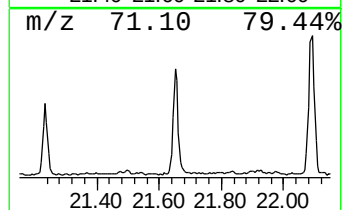
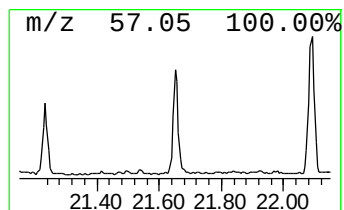
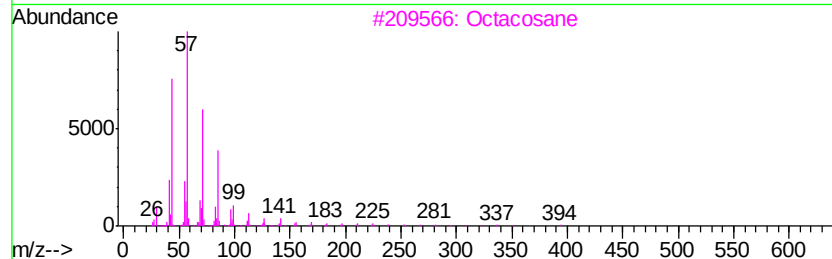
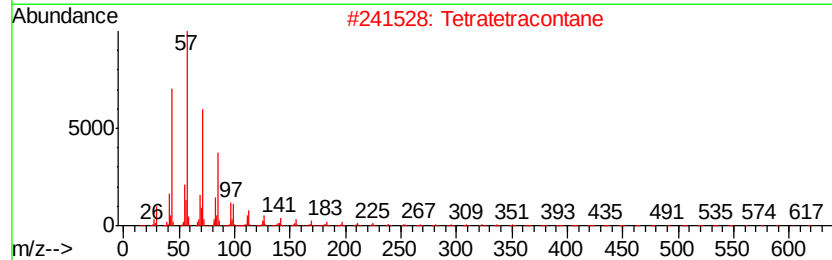
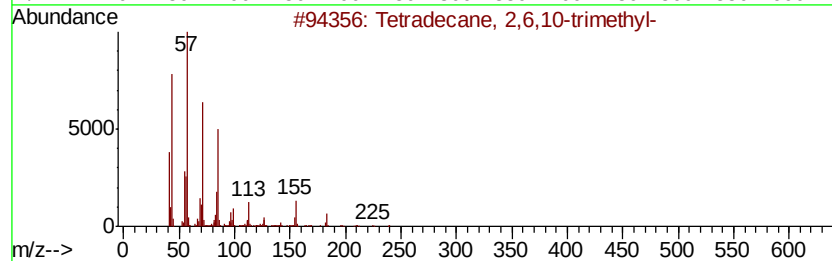
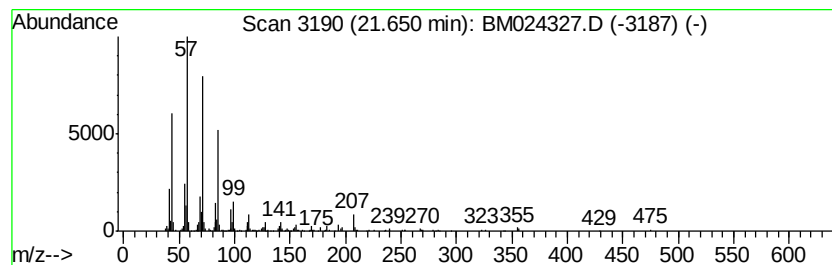
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.39 ng/ul	336943	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Hexatriacontane	507	C36H74	000630-06-8	87
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86



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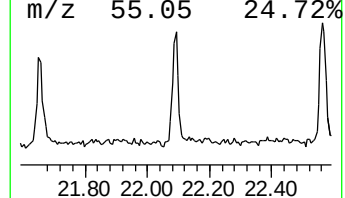
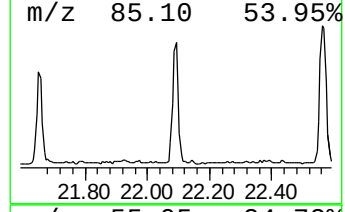
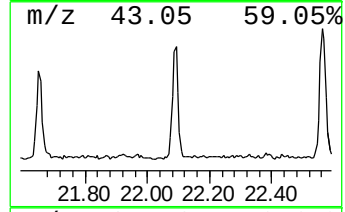
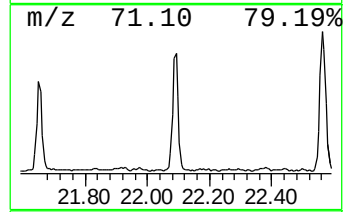
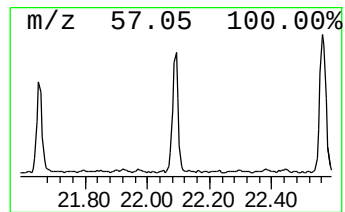
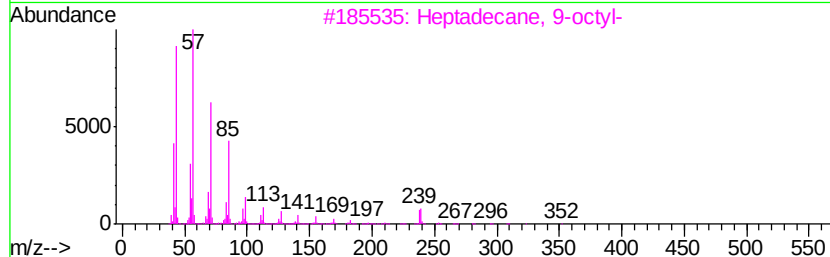
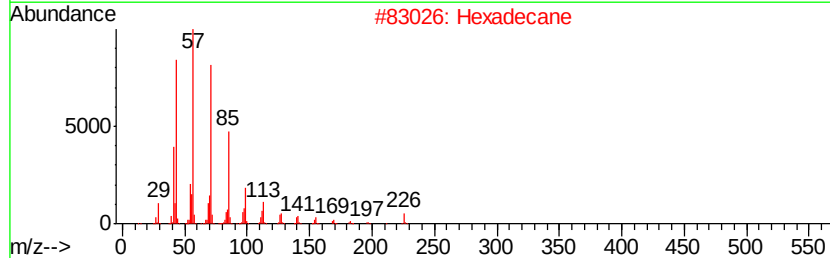
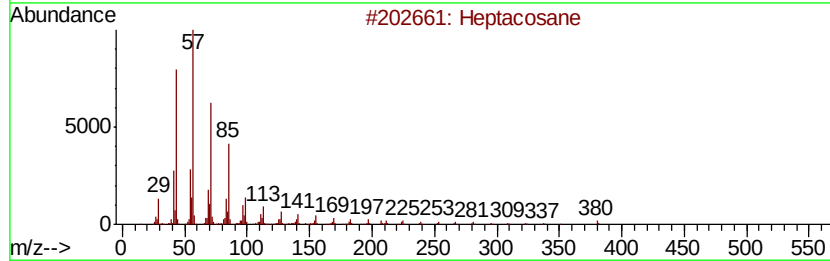
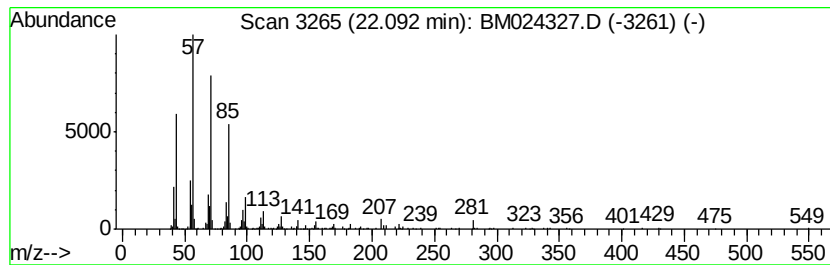
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	3.01 ng/ul	423196	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Hexadecane	226	C16H34	000544-76-3	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Docosane	310	C22H46	000629-97-0	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
Data File : BM024327.D
Acq On : 27 Dec 2019 15:29
Operator : JU
Sample : K6280-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFF28

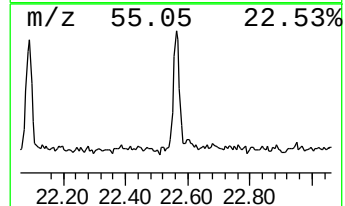
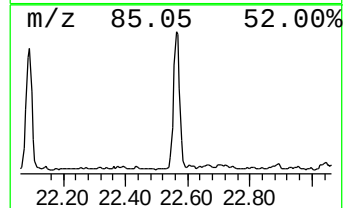
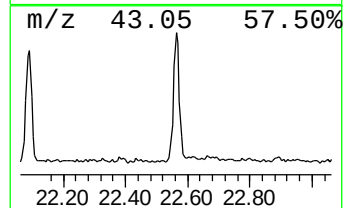
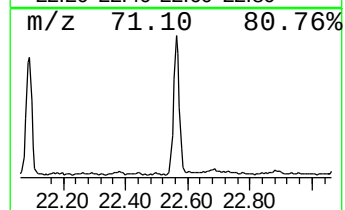
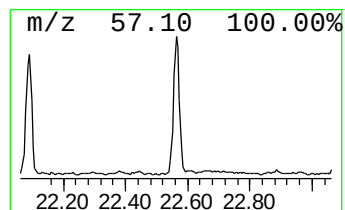
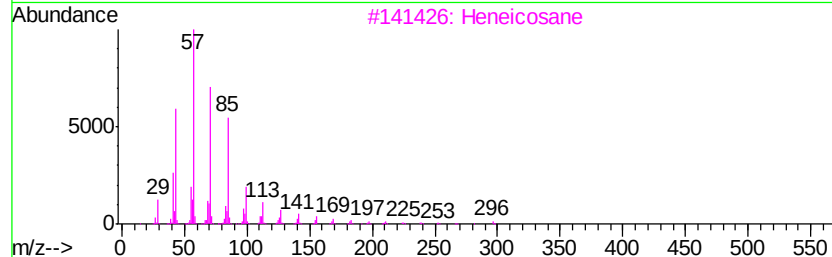
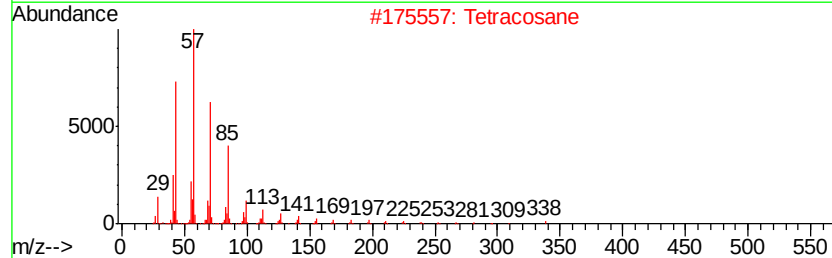
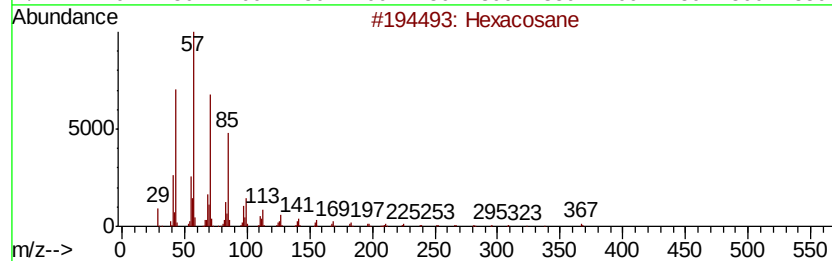
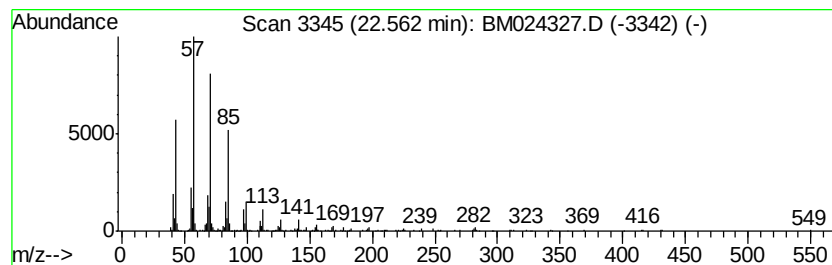
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	3.17 ng/ul	474676	Perylene-d12	23.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
Data File : BM024327.D
Acq On : 27 Dec 2019 15:29
Operator : JU
Sample : K6280-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFF28

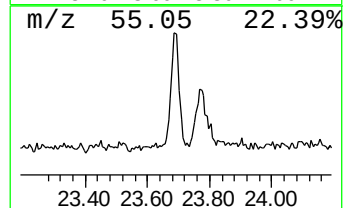
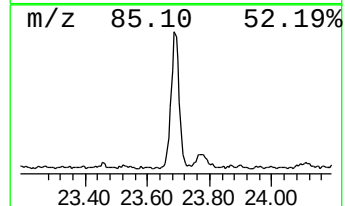
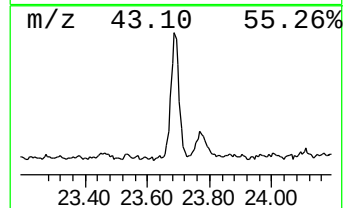
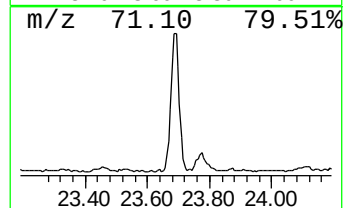
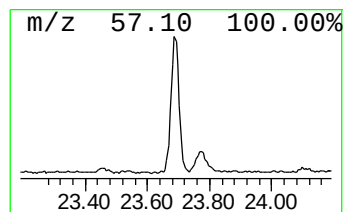
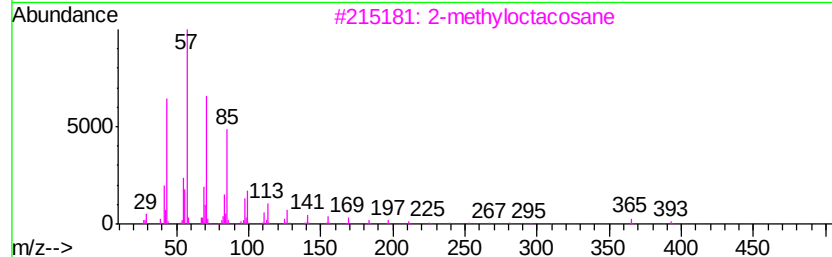
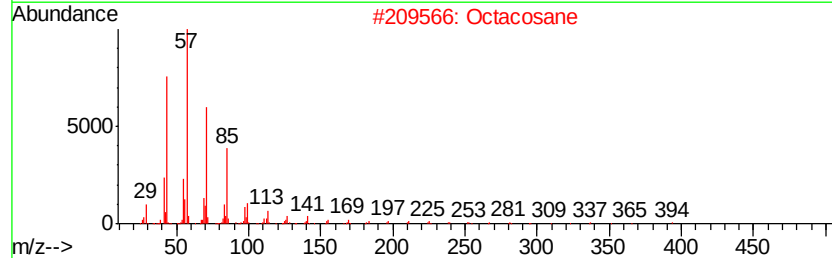
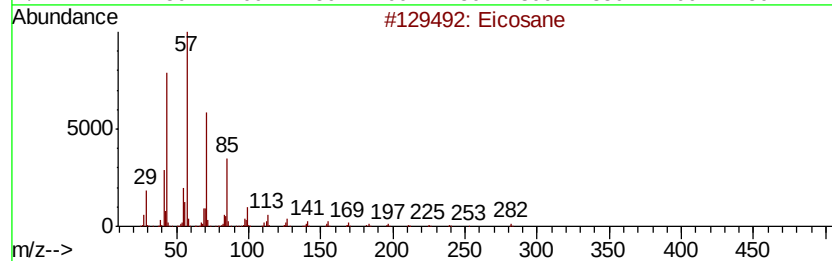
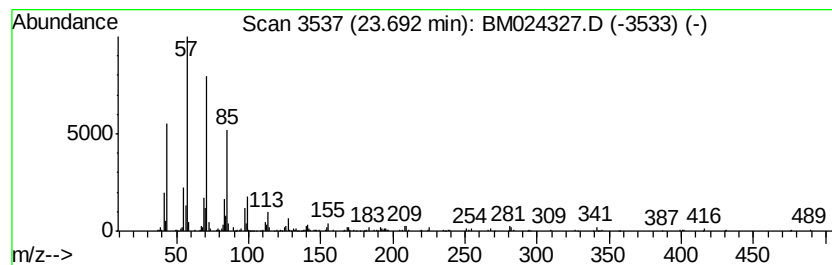
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	3.49 ng/ul	522578	Perylene-d12	23.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Octacosane	394	C28H58	000630-02-4	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122719\
Data File : BM024327.D
Acq On : 27 Dec 2019 15:29
Operator : JU
Sample : K6280-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFF28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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	17.76	2.1	ng/ul	267542	4	16.84	2532640	20.0
Nonadecyl trifluo...	20.79	4.9	ng/ul	693209	5	21.06	2814070	20.0
(DEL) Alkane: Str...	21.65	2.4	ng/ul	336943	5	21.06	2814070	20.0
(DEL) Alkane: Str...	22.09	3.0	ng/ul	423196	5	21.06	2814070	20.0
(DEL) Alkane: Str...	22.56	3.2	ng/ul	474676	6	23.18	2991650	20.0
(DEL) Alkane: Str...	23.69	3.5	ng/ul	522578	6	23.18	2991650	20.0