

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
 Data File : BM024331.D
 Acq On : 27 Dec 2019 17:54
 Operator : JU
 Sample : K6280-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFF30

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	28	rVB	61863	100885	1.76%	0.180%
2	3.675	132	134	139	rVB5	11807	13495	0.24%	0.024%
3	5.157	381	386	391	rVV5	7773	16792	0.29%	0.030%
4	5.657	467	471	475	rBV7	3043	5829	0.10%	0.010%
5	6.622	629	635	648	rBV	226555	454403	7.94%	0.811%
6	6.769	654	660	681	rBV	693807	1158933	20.26%	2.070%
7	6.957	685	692	705	rBV	814944	1369430	23.93%	2.445%
8	7.416	764	770	780	rBV	675576	1101276	19.25%	1.967%
9	7.545	790	792	797	rVB4	5152	6758	0.12%	0.012%
10	8.139	887	893	909	rBV	652226	1162384	20.32%	2.076%
11	8.569	959	966	984	rBV	840560	1499207	26.20%	2.677%
12	8.751	996	997	1004	rVB6	3955	6046	0.11%	0.011%
13	8.998	1034	1039	1043	rVB2	14905	22206	0.39%	0.040%
14	9.286	1080	1088	1099	rBV	733954	1266124	22.13%	2.261%
15	9.363	1099	1101	1103	rVB3	6442	5755	0.10%	0.010%
16	9.822	1172	1179	1201	rBV	983602	1992013	34.82%	3.557%
17	10.180	1233	1240	1251	rBV	951254	1580535	27.62%	2.822%
18	10.363	1264	1271	1279	rBV3	27180	65856	1.15%	0.118%
19	11.733	1499	1504	1510	rBV8	9569	20065	0.35%	0.036%
20	11.798	1510	1515	1522	rVV2	18243	36538	0.64%	0.065%
21	12.416	1615	1620	1623	rBV6	4352	7173	0.13%	0.013%
22	12.686	1660	1666	1671	rBV9	5945	14483	0.25%	0.026%
23	12.986	1712	1717	1721	rBV4	8335	13906	0.24%	0.025%
24	13.504	1799	1805	1811	rVV	2135649	2959006	51.72%	5.284%
25	13.551	1811	1813	1821	rVV	78370	115541	2.02%	0.206%
26	13.621	1821	1825	1829	rVB6	5043	7281	0.13%	0.013%
27	13.768	1843	1850	1859	rBV	2419042	3623512	63.33%	6.471%
28	13.957	1876	1882	1896	rBV2	79877	236765	4.14%	0.423%
29	14.080	1896	1903	1919	rVB	1400383	2093047	36.58%	3.738%
30	14.357	1944	1950	1967	rBV3	102406	307013	5.37%	0.548%
31	14.498	1973	1974	1978	rVB4	6916	6868	0.12%	0.012%
32	14.545	1978	1982	1987	rVB8	11628	22162	0.39%	0.040%
33	14.680	2003	2005	2007	rBV3	5670	6208	0.11%	0.011%
34	14.762	2015	2019	2022	rBV4	18762	26111	0.46%	0.047%

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35	14.792	2022	2024	2029	rVB4	8890	11345	0.20%	0.020%
36	14.857	2029	2035	2040	rBV	127700	177134	3.10%	0.316%
37	14.910	2040	2044	2046	rBV5	6933	9312	0.16%	0.017%
38	14.962	2051	2053	2058	rVB5	6099	8176	0.14%	0.015%
39	15.086	2067	2074	2086	rBV	3068590	4480116	78.30%	8.000%
40	15.239	2094	2100	2110	rBV	869446	1331982	23.28%	2.379%
41	15.321	2111	2114	2120	rVB2	38873	64030	1.12%	0.114%
42	15.468	2137	2139	2142	rBV4	5490	7450	0.13%	0.013%
43	15.521	2146	2148	2149	rBV2	5738	5816	0.10%	0.010%
44	15.615	2161	2164	2168	rVB5	14106	18694	0.33%	0.033%
45	15.839	2198	2202	2203	rBV3	6254	6130	0.11%	0.011%
46	15.868	2205	2207	2214	rVB8	11522	17723	0.31%	0.032%
47	15.998	2228	2229	2235	rBV6	5008	7113	0.12%	0.013%
48	16.057	2235	2239	2246	rVV5	17844	31571	0.55%	0.056%
49	16.245	2267	2271	2273	rBV5	5639	7810	0.14%	0.014%
50	16.374	2290	2293	2296	rBV5	6658	6527	0.11%	0.012%
51	16.515	2315	2317	2320	rVB4	9625	10251	0.18%	0.018%
52	16.627	2332	2336	2340	rBV4	34777	47537	0.83%	0.085%
53	16.727	2352	2353	2358	rVB5	9556	8814	0.15%	0.016%
54	16.839	2365	2372	2382	rBV	1690661	2352912	41.12%	4.202%
55	16.939	2382	2389	2401	rVV	3198901	4623874	80.82%	8.257%
56	17.521	2484	2488	2492	rBV7	44768	60145	1.05%	0.107%
57	17.762	2524	2529	2538	rBV	286881	468953	8.20%	0.837%
58	18.880	2716	2719	2722	rBV	45044	55361	0.97%	0.099%
59	18.998	2737	2739	2744	rBV6	18552	20921	0.37%	0.037%
60	19.062	2746	2750	2758	rBV	175248	296657	5.18%	0.530%
61	19.245	2776	2781	2793	rBV	3694004	5246428	91.70%	9.369%
62	20.792	3040	3044	3051	rBV	686313	872780	15.25%	1.559%
63	21.056	3084	3089	3096	rBV	1963651	2579202	45.08%	4.606%
64	21.233	3117	3119	3124	rVB2	120521	120740	2.11%	0.216%
65	21.650	3187	3190	3198	rBV	252961	385951	6.75%	0.689%
66	22.091	3261	3265	3270	rVB	410848	477386	8.34%	0.852%
67	22.562	3341	3345	3350	rBV	486356	660668	11.55%	1.180%
68	23.044	3421	3427	3432	rBV	3356722	5721478	100.00%	10.217%
69	23.091	3432	3435	3442	rVV	575152	839016	14.66%	1.498%
70	23.174	3444	3449	3460	rVB	1596822	2880323	50.34%	5.144%
71	23.685	3532	3536	3544	rVB	431966	754642	13.19%	1.348%

LSC Area Percent Report

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Sampling : 1 Min Area: 0.1 % of largest Peak
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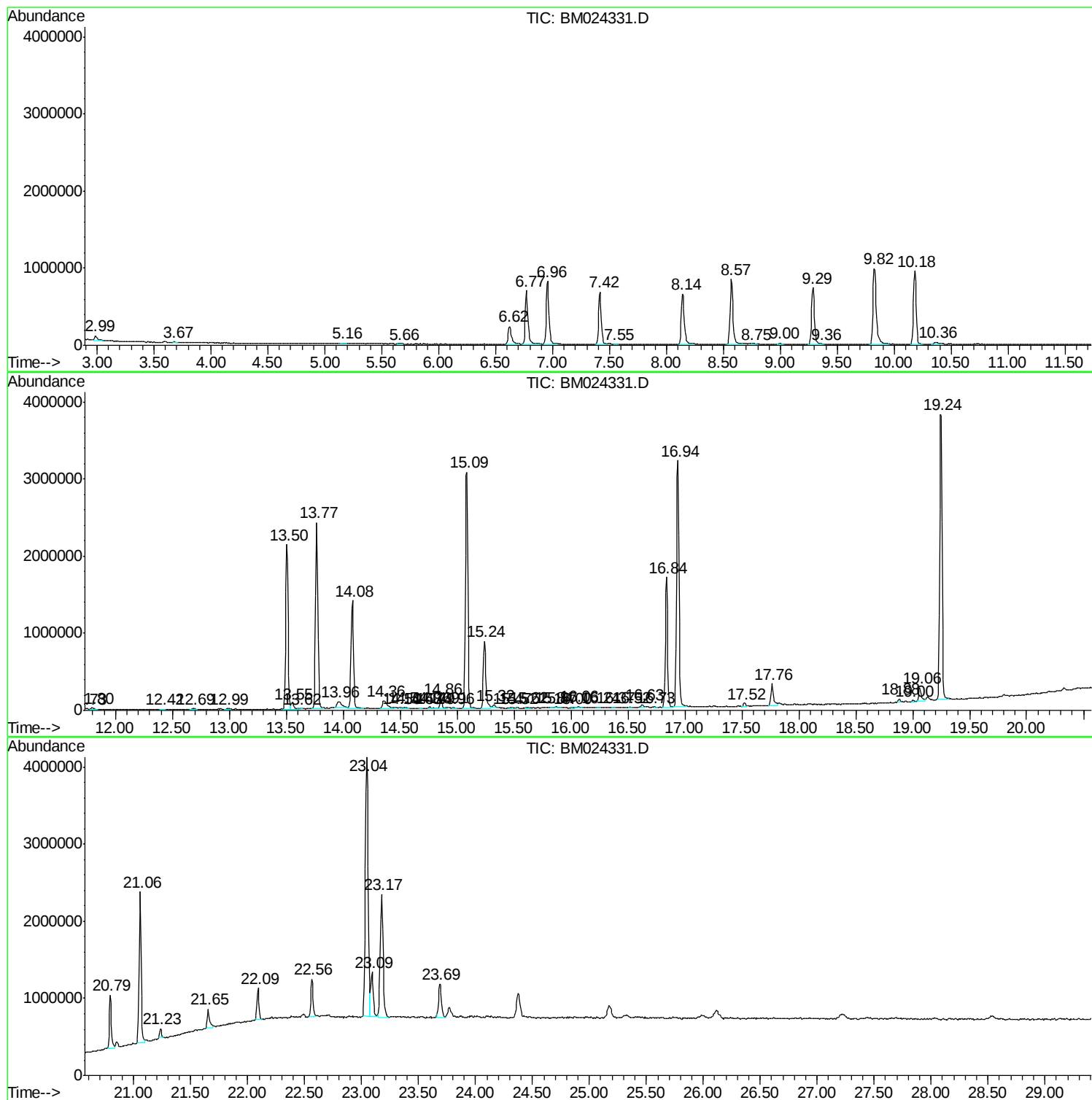
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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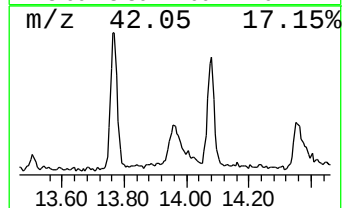
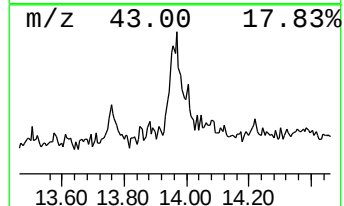
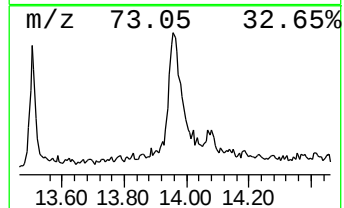
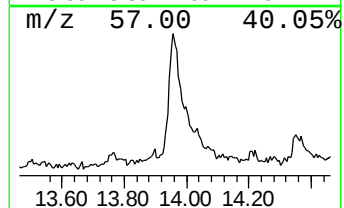
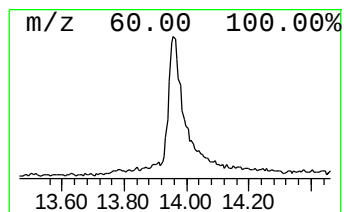
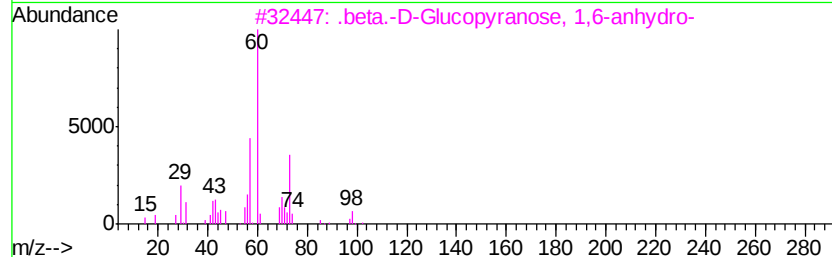
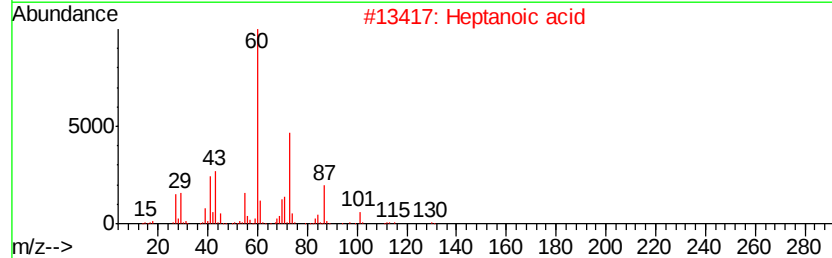
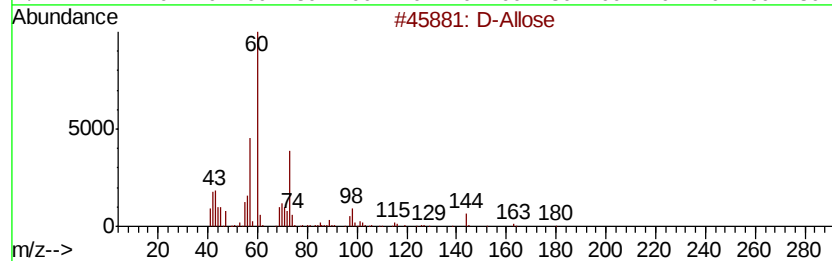
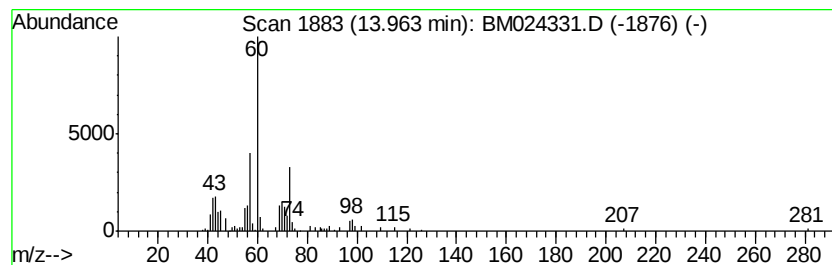
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 D-Allose Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.26 ng/ul	236765	Acenaphthene-d10	14.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Allose	180	C6H12O6	002595-97-3	86
2		Heptanoic acid	130	C7H14O2	000111-14-8	64
3		.beta.-D-Glucopyranose, 1,6-anhv...	162	C6H10O5	000498-07-7	56
4		Rhamnose	164	C6H12O5	003615-41-6	56
5		Pentanoic acid	102	C5H10O2	000109-52-4	53



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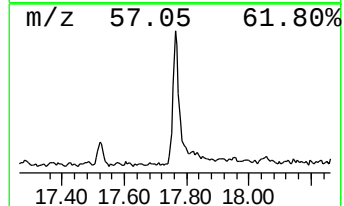
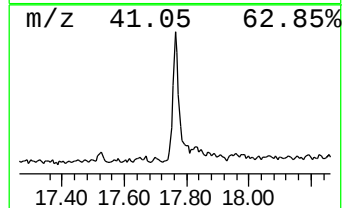
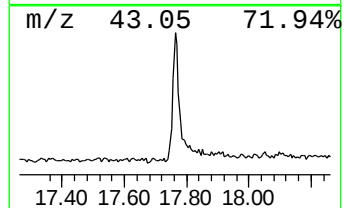
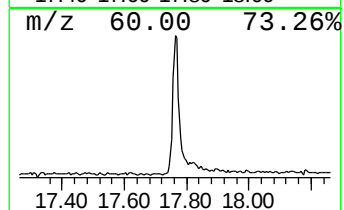
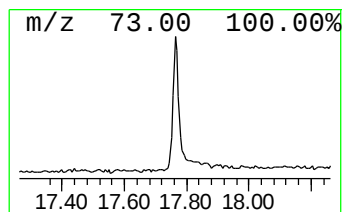
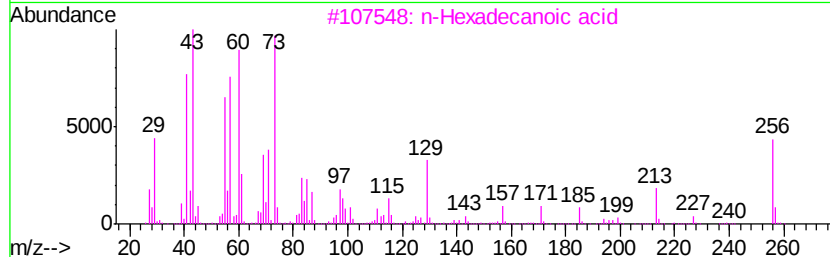
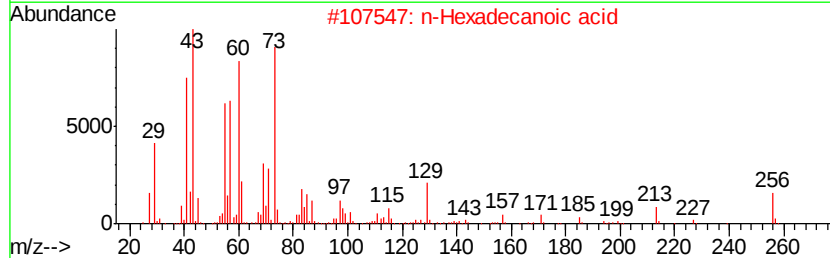
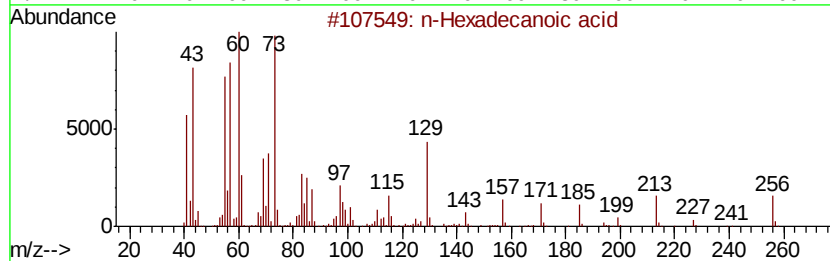
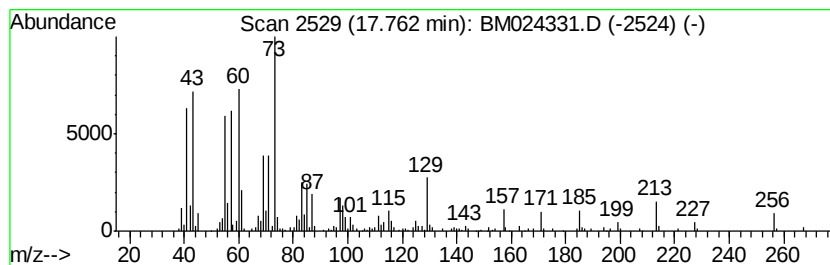
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.76	3.99 ng/ul	468953	Phenanthrene-d10	16.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68	



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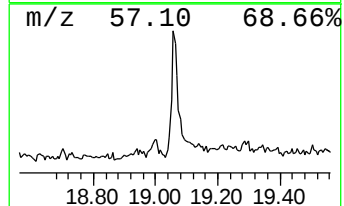
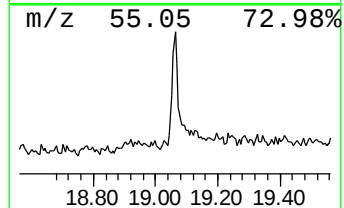
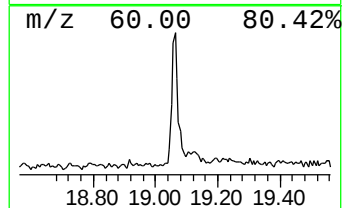
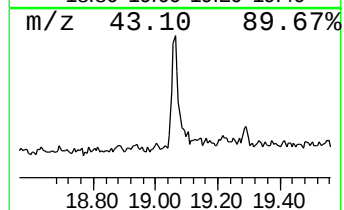
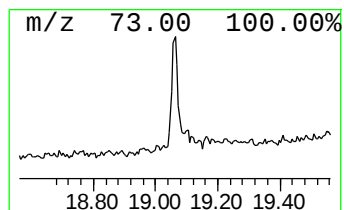
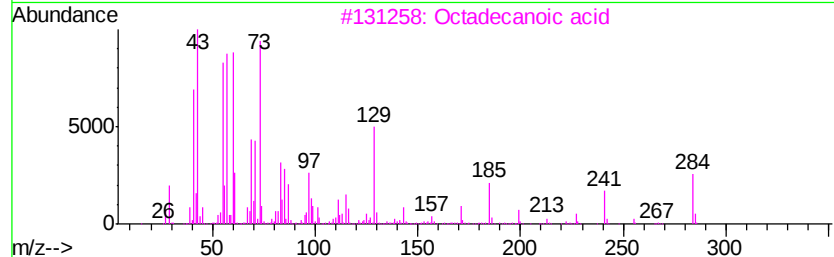
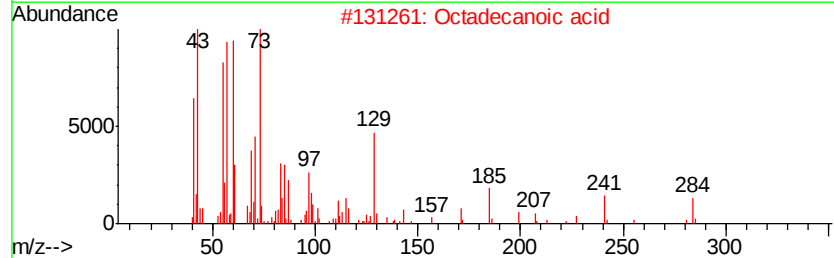
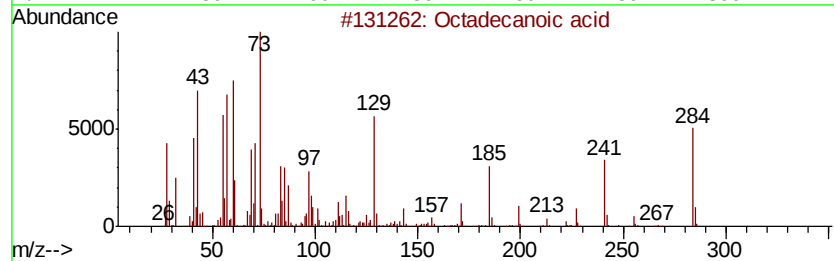
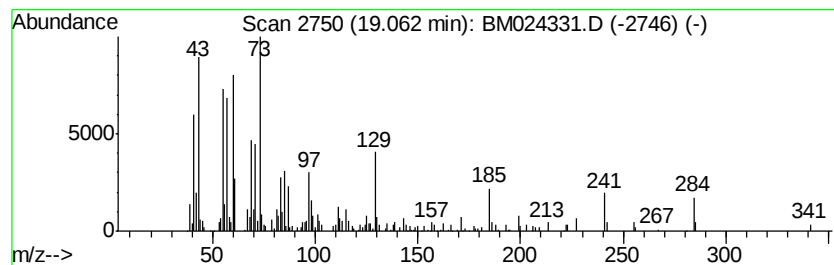
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.30 ng/ul	296657	Chrysene-d12	21.06

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	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid	284	C18H36O2	000057-11-4	95



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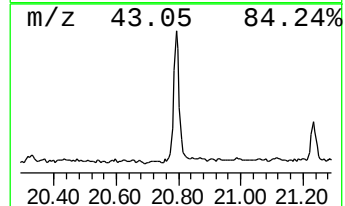
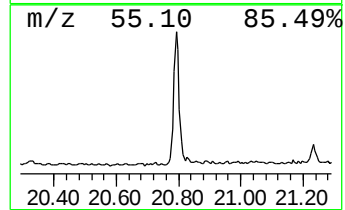
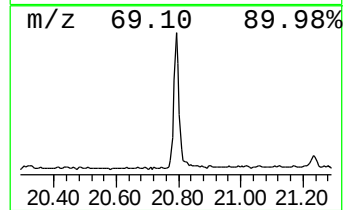
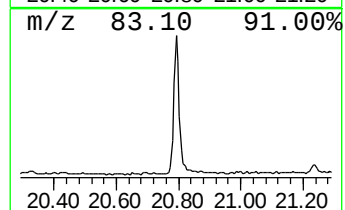
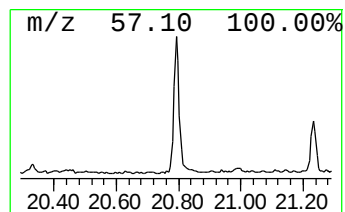
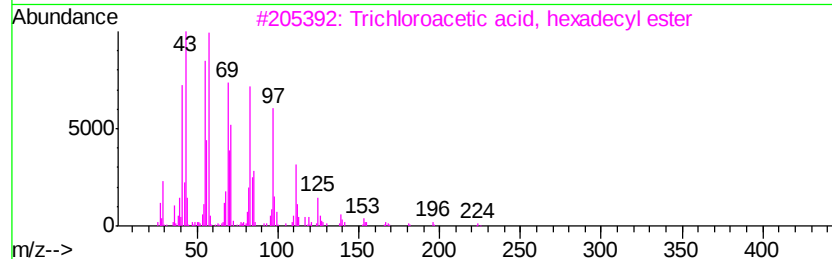
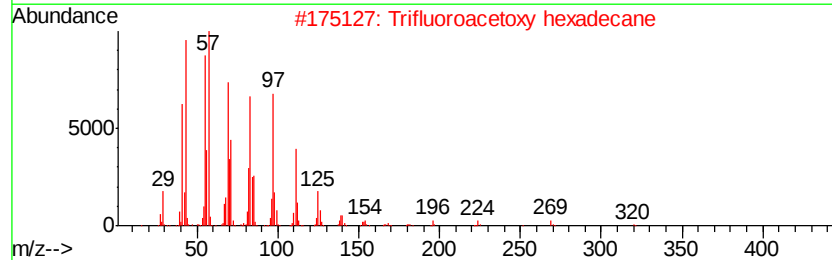
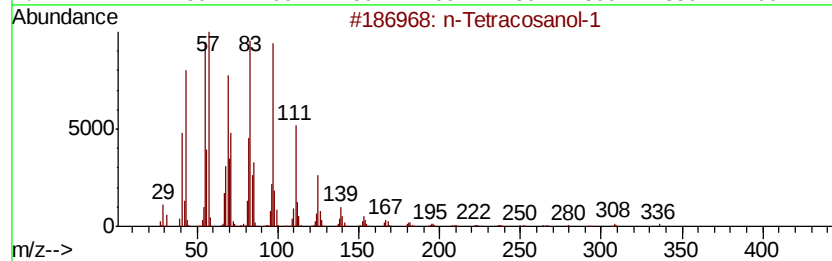
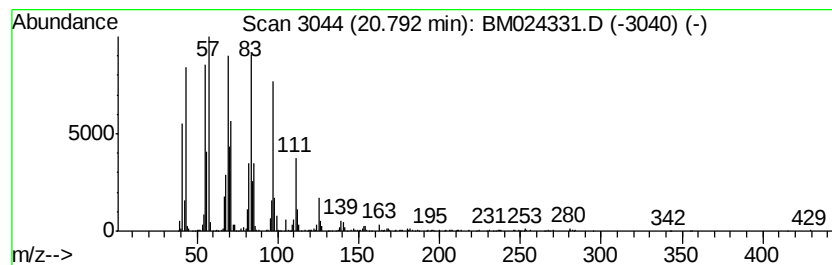
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	6.77 ng/ul	872780	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
Data File : BM024331.D
Acq On : 27 Dec 2019 17:54
Operator : JU
Sample : K6280-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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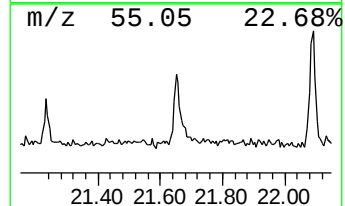
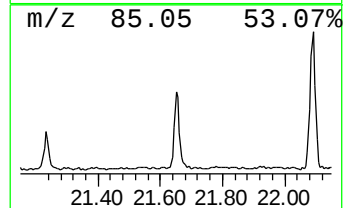
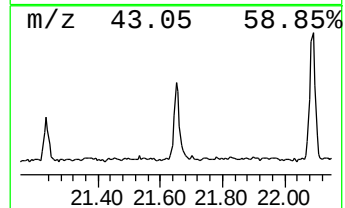
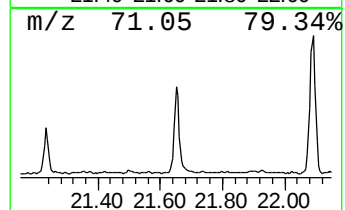
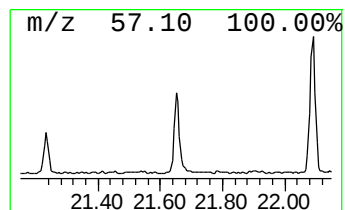
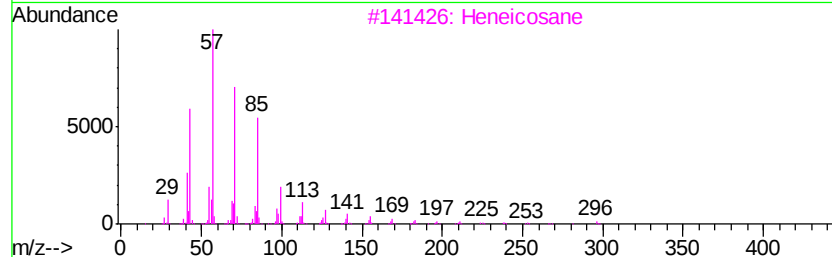
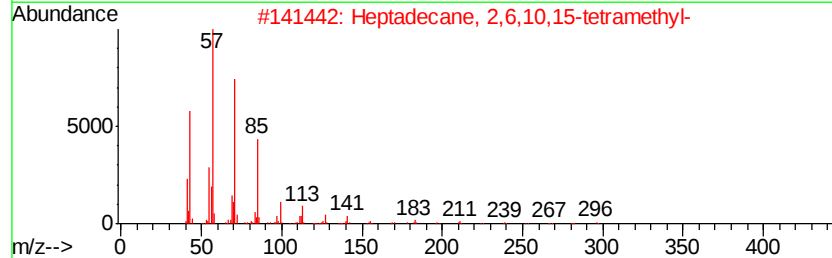
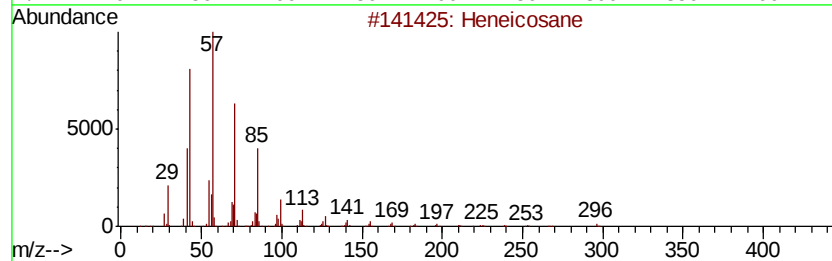
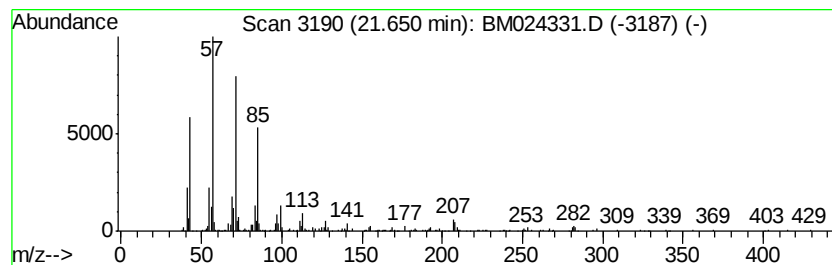
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.99 ng/ul	385951	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
Data File : BM024331.D
Acq On : 27 Dec 2019 17:54
Operator : JU
Sample : K6280-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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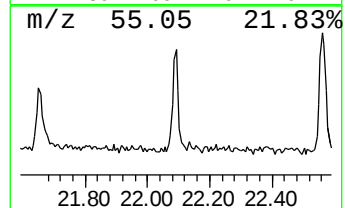
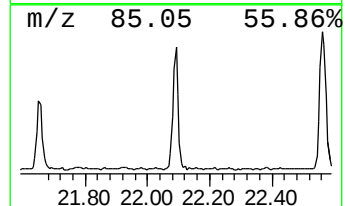
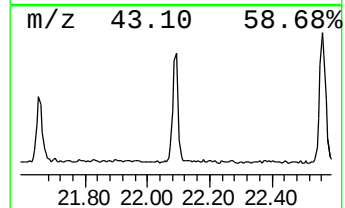
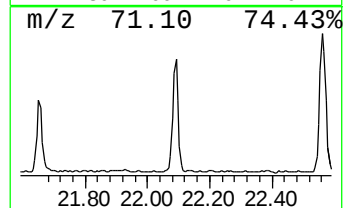
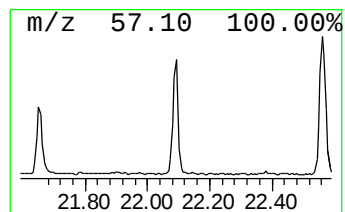
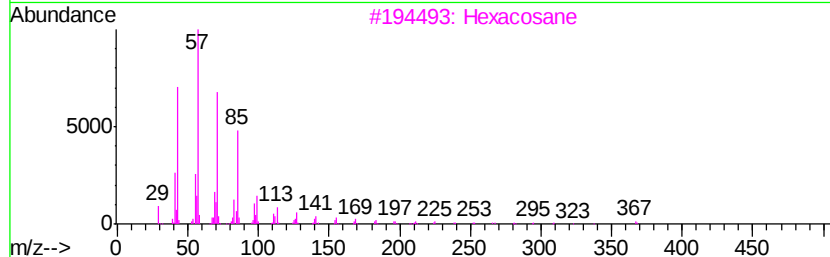
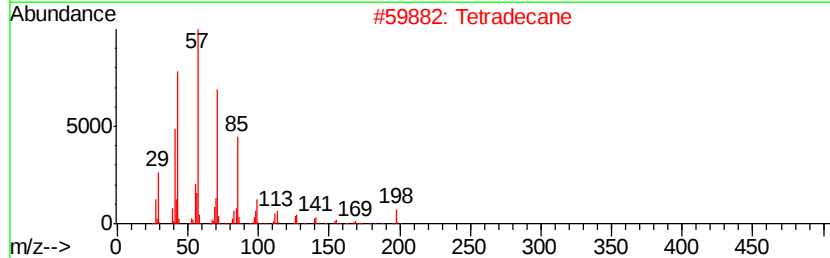
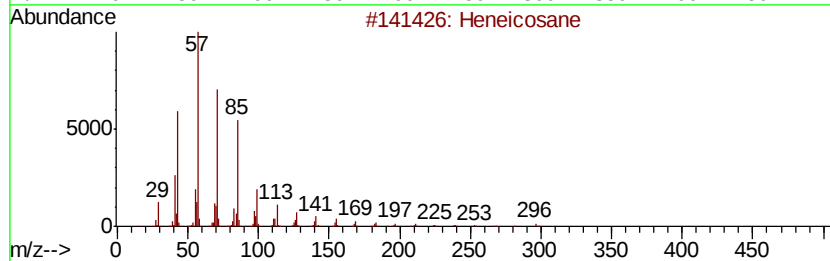
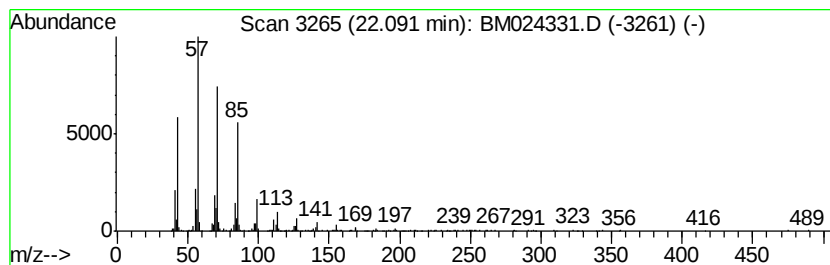
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	3.70 ng/ul	477386	Chrysene-d12	21.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetradecane		198	C14H30	000629-59-4	91
3	Hexacosane		366	C26H54	000630-01-3	90
4	Octacosane		394	C28H58	000630-02-4	90
5	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
Data File : BM024331.D
Acq On : 27 Dec 2019 17:54
Operator : JU
Sample : K6280-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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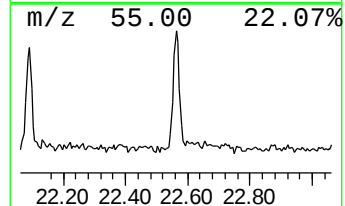
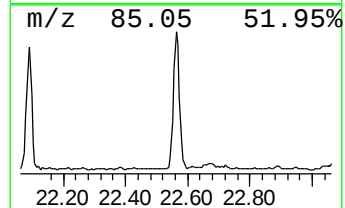
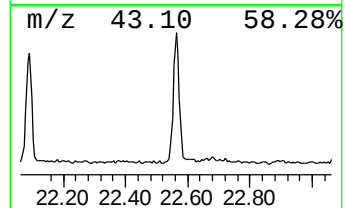
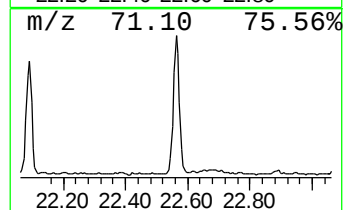
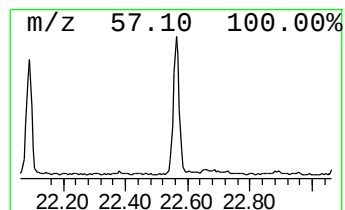
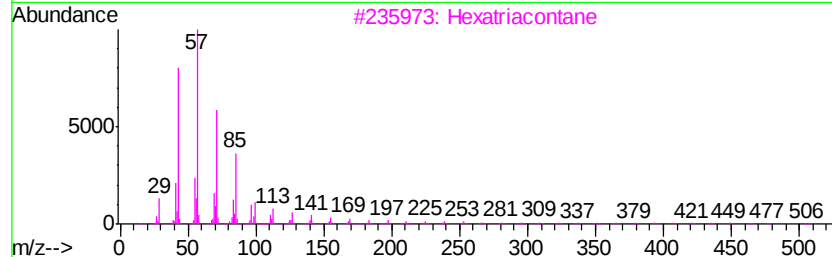
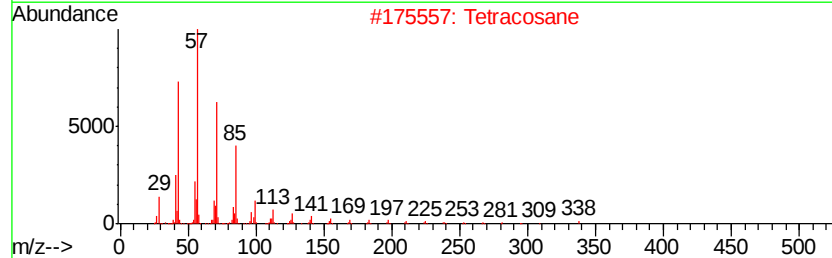
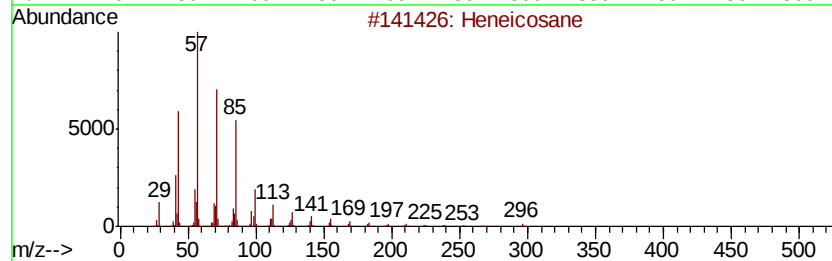
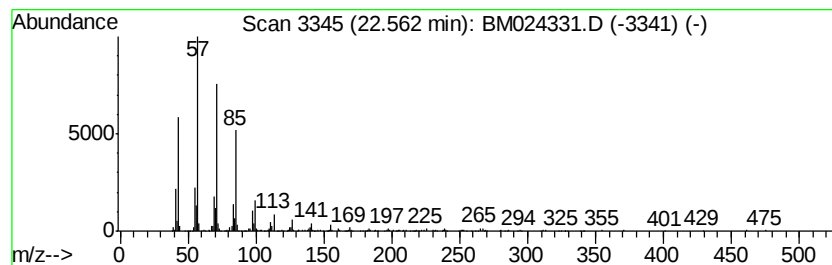
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	4.59 ng/ul	660668	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
Data File : BM024331.D
Acq On : 27 Dec 2019 17:54
Operator : JU
Sample : K6280-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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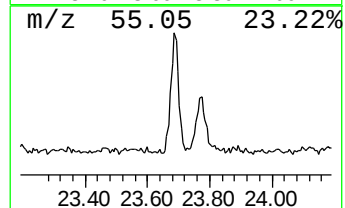
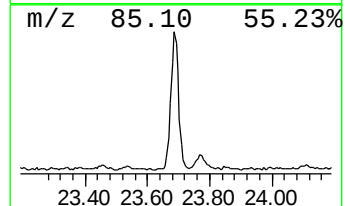
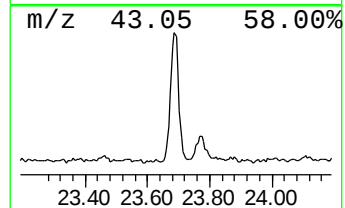
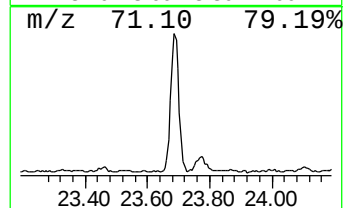
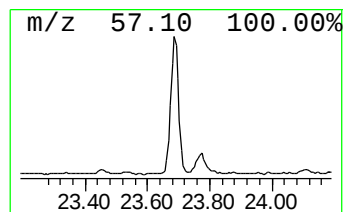
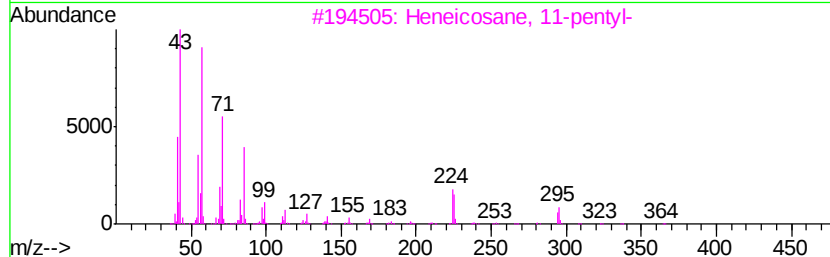
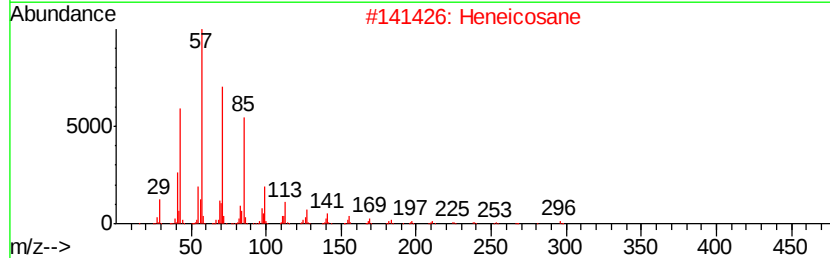
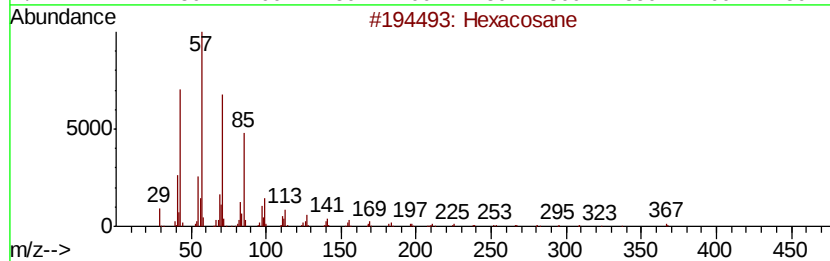
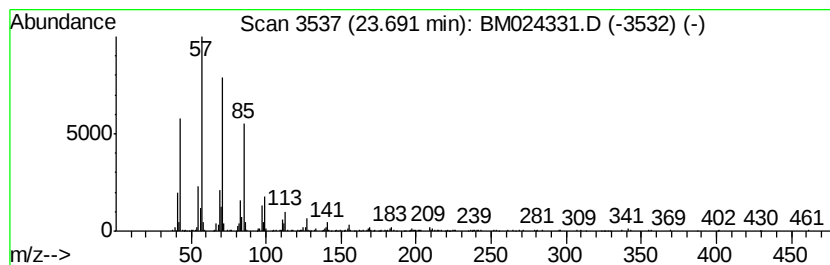
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	5.24 ng/ul	754642	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86
4		Docosane, 5-butyl-	366	C26H54	055282-16-1	86
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122719\
Data File : BM024331.D
Acq On : 27 Dec 2019 17:54
Operator : JU
Sample : K6280-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFF30

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
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n-Hexadecanoic acid	17.76	4.0	ng/ul	468953	4	16.84	2352910	20.0
Octadecanoic acid	19.06	2.3	ng/ul	296657	5	21.06	2579200	20.0
n-Tetracosanol-1	20.79	6.8	ng/ul	872780	5	21.06	2579200	20.0
(DEL) Alkane: Str...	21.65	3.0	ng/ul	385951	5	21.06	2579200	20.0
(DEL) Alkane: Str...	22.09	3.7	ng/ul	477386	5	21.06	2579200	20.0
(DEL) Alkane: Str...	22.56	4.6	ng/ul	660668	6	23.17	2880320	20.0
(DEL) Alkane: Str...	23.69	5.2	ng/ul	754642	6	23.17	2880320	20.0