

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
 Data File : BM027376.D
 Acq On : 10 Sep 2020 16:36
 Operator : JU/CG
 Sample : L3855-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW274

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-BM090420MA.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	3.628	106	109	115	rVB	37860	49668	1.59%	0.203%
2	3.757	127	131	137	rVB	34647	50440	1.61%	0.206%
3	3.840	143	145	151	rBV7	9717	14199	0.45%	0.058%
4	4.063	179	183	187	rVB2	26537	33400	1.07%	0.137%
5	4.463	247	251	256	rVB	20126	28460	0.91%	0.116%
6	4.734	293	297	305	rVB3	24565	43622	1.40%	0.178%
7	4.834	312	314	317	rBV3	4763	5304	0.17%	0.022%
8	5.404	409	411	413	rBV3	3251	3340	0.11%	0.014%
9	5.593	437	443	450	rBV	45792	72979	2.34%	0.299%
10	6.751	630	640	654	rVB	152299	293290	9.39%	1.200%
11	6.910	661	667	679	rBV	143464	228895	7.32%	0.936%
12	7.104	694	700	708	rVB	174360	276410	8.84%	1.131%
13	7.216	714	719	724	rVB7	5196	8807	0.28%	0.036%
14	7.569	772	779	787	rBV	542697	858529	27.47%	3.512%
15	8.275	893	899	912	rVV	98917	173593	5.55%	0.710%
16	8.387	912	918	926	rVB3	19819	36303	1.16%	0.149%
17	8.663	960	965	968	rBV2	30634	44076	1.41%	0.180%
18	8.710	968	973	982	rVB	171046	284792	9.11%	1.165%
19	8.863	992	999	1001	rBV5	2703	4438	0.14%	0.018%
20	9.428	1089	1095	1105	rBV2	146684	242037	7.75%	0.990%
21	9.792	1152	1157	1162	rBV6	2713	5091	0.16%	0.021%
22	9.963	1178	1186	1198	rBV	200051	354289	11.34%	1.449%
23	10.333	1242	1249	1258	rBV	740049	1205119	38.56%	4.930%
24	10.475	1267	1273	1287	rBV	135605	270172	8.65%	1.105%
25	11.857	1507	1508	1516	rVB4	2255	4172	0.13%	0.017%
26	11.933	1516	1521	1523	rBV4	3834	5744	0.18%	0.023%
27	12.563	1624	1628	1633	rBV6	3307	6037	0.19%	0.025%
28	12.822	1668	1672	1678	rVB5	3730	6566	0.21%	0.027%
29	13.122	1720	1723	1727	rBV4	3721	4904	0.16%	0.020%
30	13.627	1802	1809	1813	rBV	482050	690669	22.10%	2.825%
31	13.674	1813	1817	1824	rVB	165529	232155	7.43%	0.950%
32	13.898	1846	1855	1865	rBV	491997	714841	22.87%	2.924%
33	14.210	1901	1908	1914	rBV	1239418	1814139	58.05%	7.421%
34	14.421	1938	1944	1955	rBV	81621	169823	5.43%	0.695%

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35	14.586	1967	1972	1976	rBV6	2784	5608	0.18%	0.023%
36	14.657	1980	1984	1989	rBV4	7457	11546	0.37%	0.047%
37	15.039	2043	2049	2055	rBV	45800	57969	1.85%	0.237%
38	15.098	2055	2059	2062	rVB4	2683	3412	0.11%	0.014%
39	15.204	2071	2077	2086	rBV	705755	970796	31.06%	3.971%
40	15.274	2086	2089	2093	rVV6	3523	5217	0.17%	0.021%
41	15.327	2093	2098	2110	rVV	144004	220713	7.06%	0.903%
42	15.445	2114	2118	2122	rVB3	8233	8849	0.28%	0.036%
43	15.721	2160	2165	2169	rBV2	13626	16993	0.54%	0.070%
44	15.786	2175	2176	2181	rVB3	2572	3566	0.11%	0.015%
45	15.957	2202	2205	2208	rBV4	3442	5194	0.17%	0.021%
46	15.986	2208	2210	2214	rVB5	4061	5204	0.17%	0.021%
47	16.092	2223	2228	2230	rBV5	2486	4566	0.15%	0.019%
48	16.274	2255	2259	2262	rVB2	8129	9000	0.29%	0.037%
49	16.510	2295	2299	2305	rVB2	17673	25842	0.83%	0.106%
50	16.739	2333	2338	2345	rBV6	10467	17781	0.57%	0.073%
51	16.880	2359	2362	2368	rBV6	5010	7663	0.25%	0.031%
52	16.951	2368	2374	2385	rBV	1616953	2312109	73.99%	9.458%
53	17.051	2385	2391	2402	rVV2	699359	962789	30.81%	3.938%
54	17.262	2422	2427	2430	rBV6	3783	5982	0.19%	0.024%
55	17.409	2450	2452	2455	rVB4	4456	4989	0.16%	0.020%
56	17.486	2461	2465	2468	rBV5	4498	5454	0.17%	0.022%
57	17.657	2491	2494	2496	rVB4	6553	7339	0.23%	0.030%
58	17.815	2518	2521	2526	rBV7	9483	13159	0.42%	0.054%
59	17.874	2526	2531	2538	rBV	191429	286594	9.17%	1.172%
60	18.180	2579	2583	2588	rBV7	13915	22689	0.73%	0.093%
61	18.339	2608	2610	2615	rVB6	10588	11089	0.35%	0.045%
62	18.486	2632	2635	2639	rBV4	11719	15315	0.49%	0.063%
63	18.662	2663	2665	2671	rVB5	11525	15720	0.50%	0.064%
64	19.168	2747	2751	2757	rBV2	123999	184748	5.91%	0.756%
65	19.351	2777	2782	2789	rBV2	981674	1375442	44.01%	5.626%
66	19.598	2821	2824	2829	rBV	53121	68042	2.18%	0.278%
67	20.897	3041	3045	3052	rBV	393286	531158	17.00%	2.173%
68	21.097	3077	3079	3083	rVB	82799	80651	2.58%	0.330%
69	21.156	3084	3089	3098	rBV	2510172	3125054	100.00%	12.783%
70	21.433	3133	3136	3140	rBV	170791	200876	6.43%	0.822%
71	21.774	3191	3194	3202	rVB4	158090	245822	7.87%	1.006%

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72	22.709	3350	3353	3356	rBV	214308	266000	8.51%	1.088%
73	22.750	3357	3360	3370	rVB	301960	486725	15.57%	1.991%
74	23.186	3429	3434	3441	rBV	701232	1218161	38.98%	4.983%
75	23.327	3452	3458	3467	rVB	1635071	2875079	92.00%	11.761%
76	23.880	3548	3552	3559	rVB	288894	508993	16.29%	2.082%

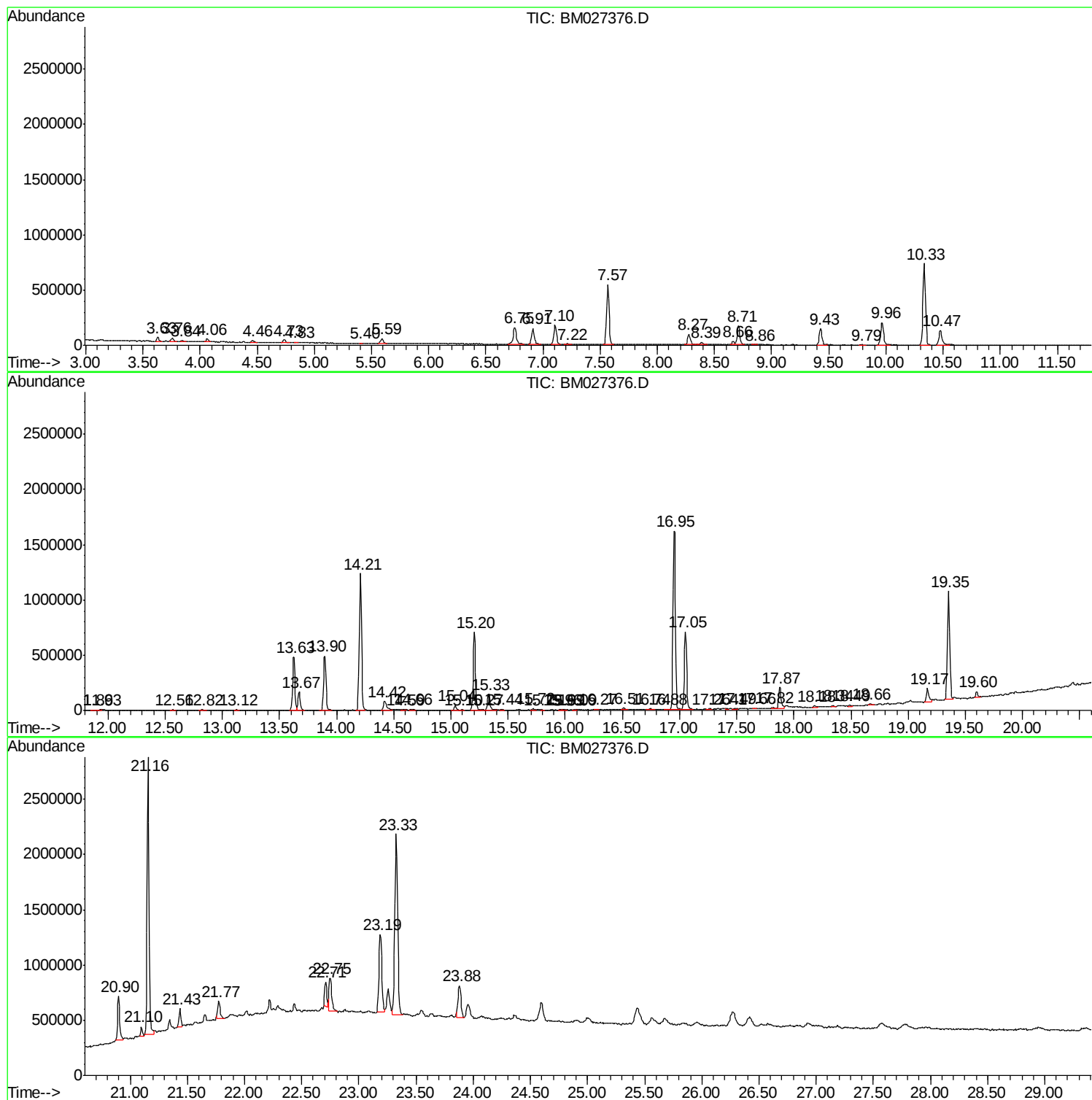
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



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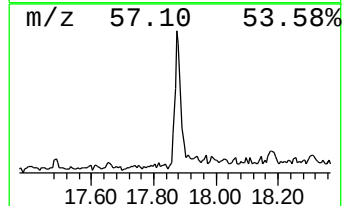
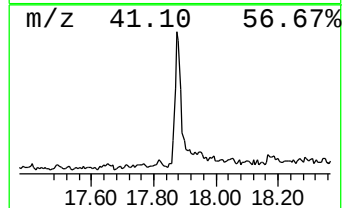
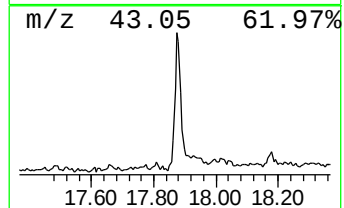
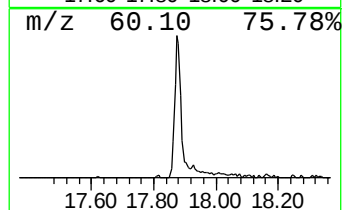
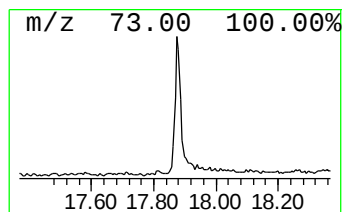
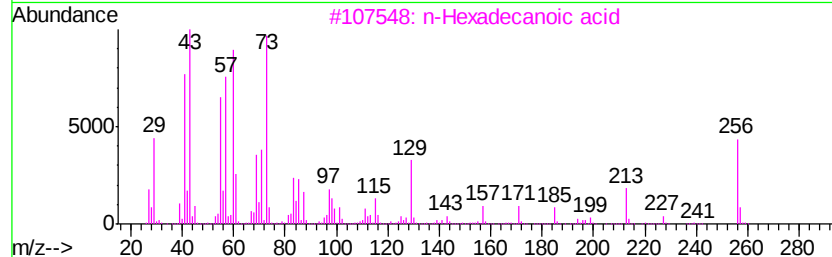
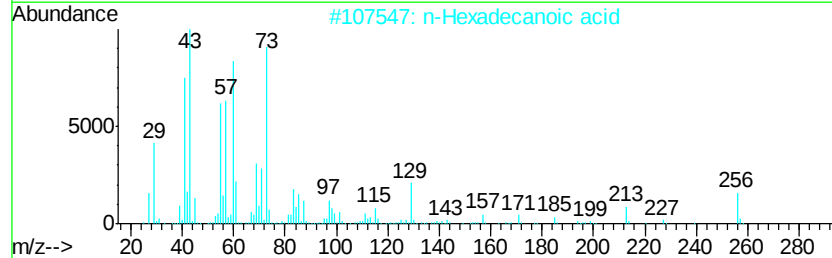
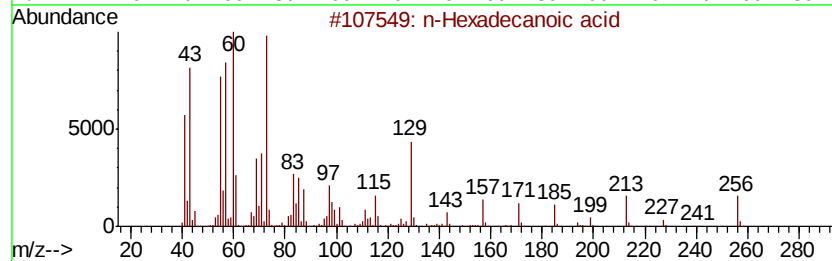
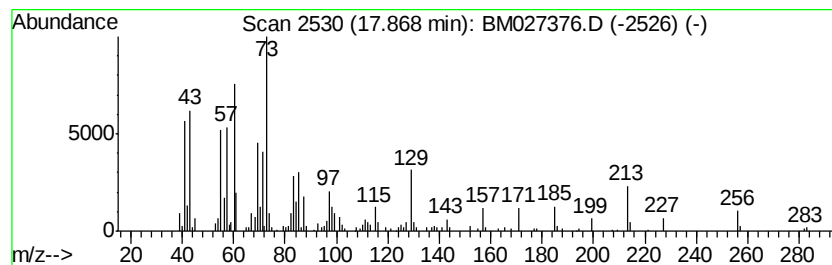
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.48 ng/ul	286594	Phenanthrene-d10	16.95

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	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	52



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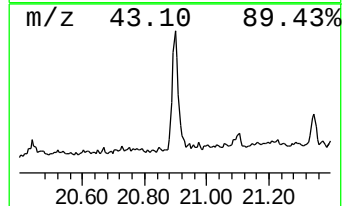
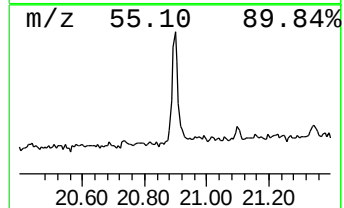
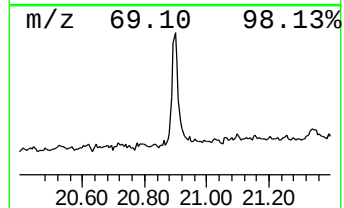
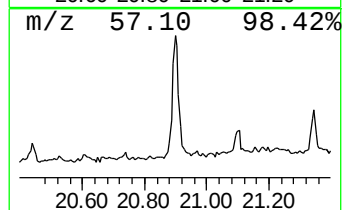
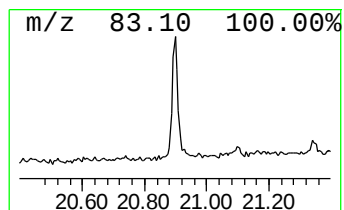
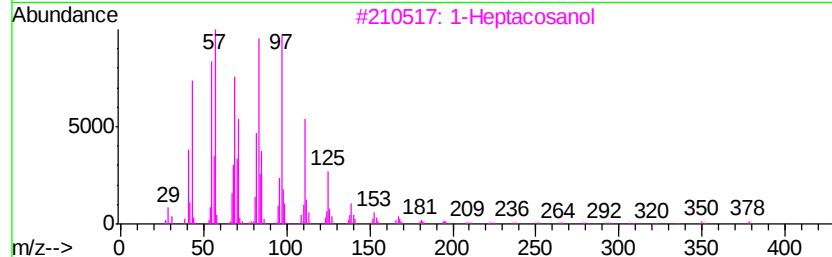
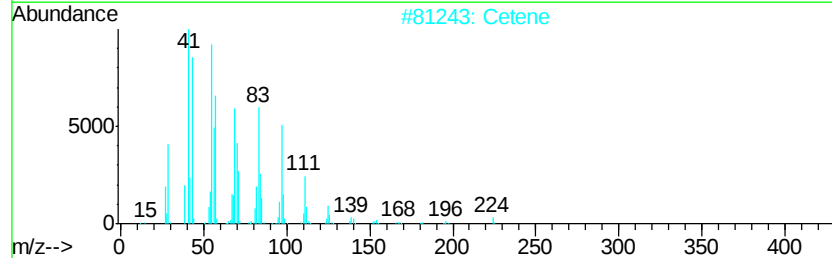
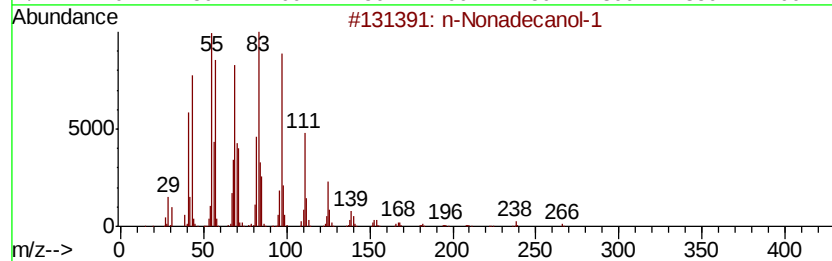
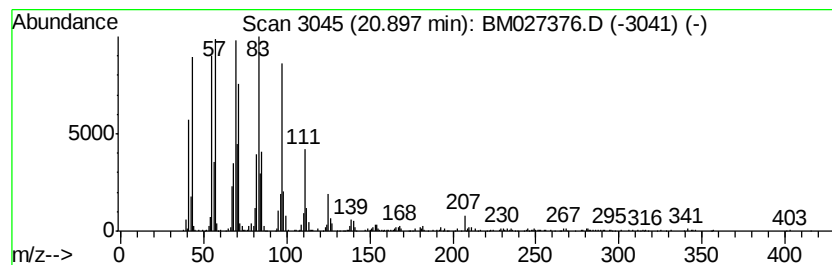
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.90	3.40 ng/ul	531158	Chrysene-d12		21.16	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1		284	C19H40O	001454-84-8	93
2	Cetene		224	C16H32	000629-73-2	93
3	1-Heptacosanol		396	C27H56O	002004-39-9	93
4	n-Tetracosanol-1		354	C24H50O	000506-51-4	91
5	1-Hexacosanol		382	C26H54O	000506-52-5	91



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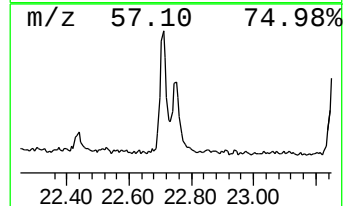
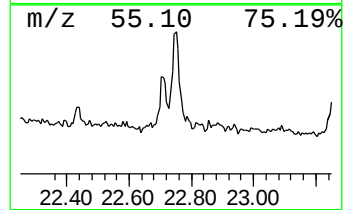
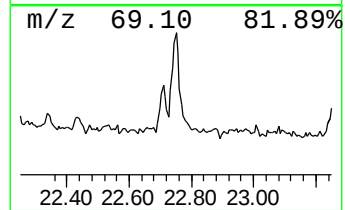
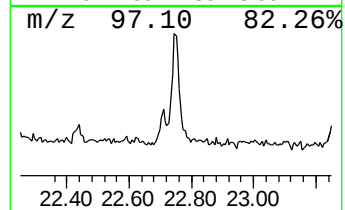
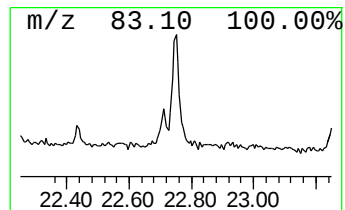
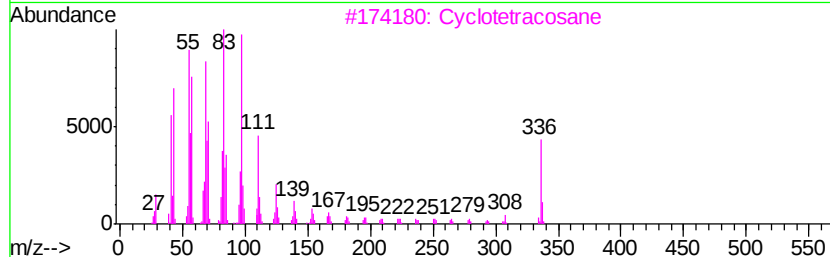
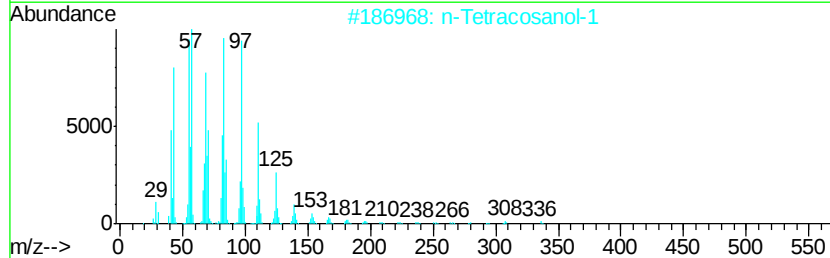
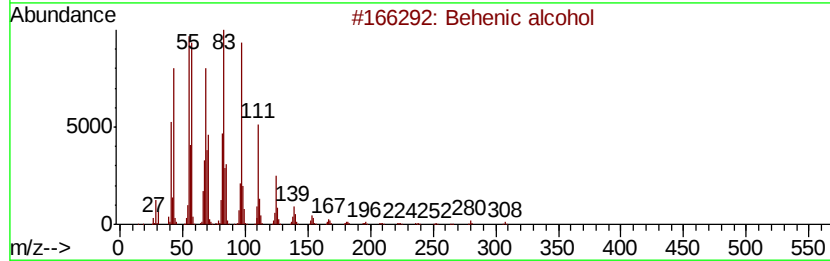
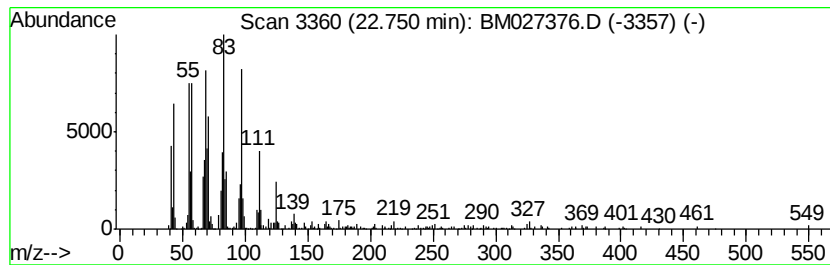
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	3.39 ng/ul	486725	Perylene-d12	23.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 94
2		n-Tetracosanol-1	354 C24H50O	000506-51-4 94
3		Cyclotetracosane	336 C24H48	000297-03-0 91
4		1-Heneicosanol	312 C21H44O	015594-90-8 91
5		1-Docosene	308 C22H44	001599-67-3 74



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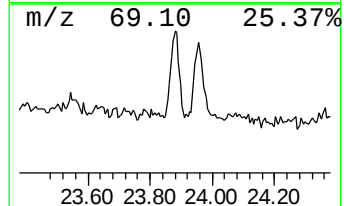
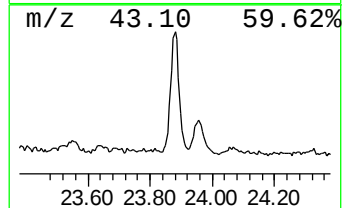
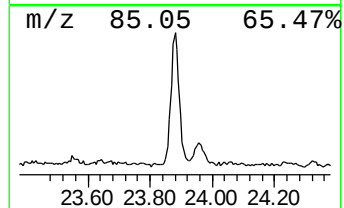
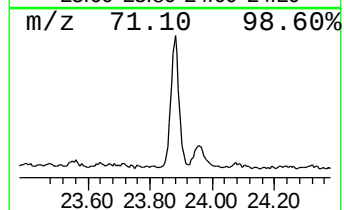
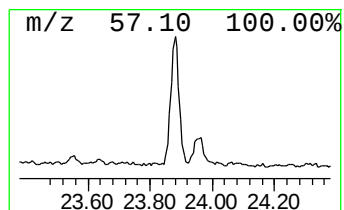
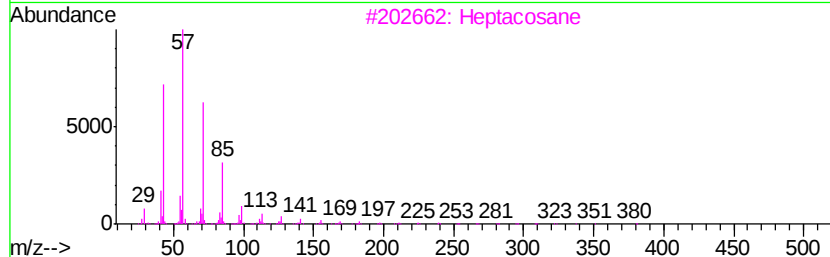
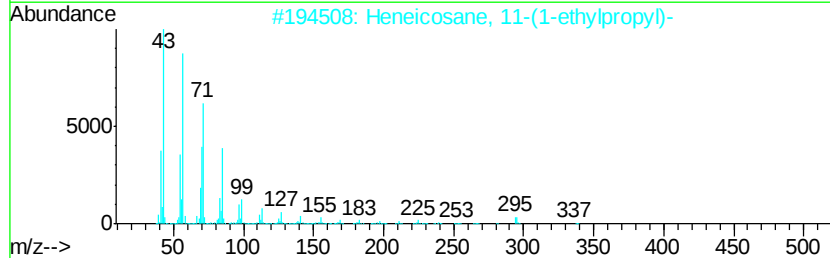
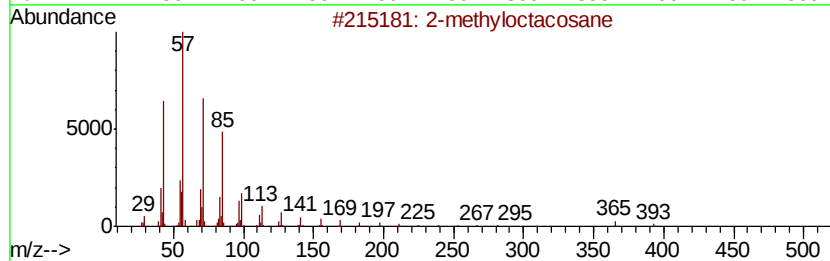
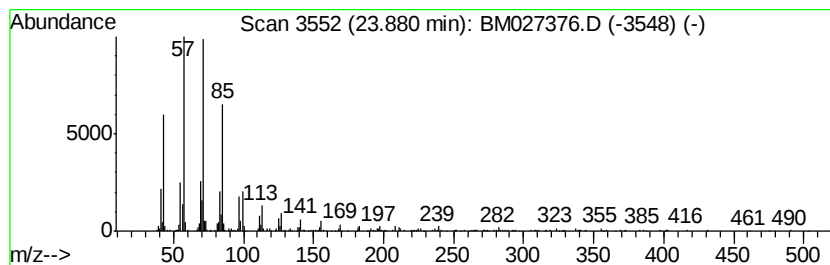
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	3.54 ng/ul	508993	Perylene-d12	23.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		triacontane	422	C30H62	000638-68-6	83
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091020\
Data File : BM027376.D
Acq On : 10 Sep 2020 16:36
Operator : JU/CG
Sample : L3855-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW274

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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	17.87	2.5	ng/ul	286594	4	16.95	2312110	20.0
n-Nonadecanol-1	20.90	3.4	ng/ul	531158	5	21.16	3125050	20.0
Behenic alcohol	22.75	3.4	ng/ul	486725	6	23.33	2875080	20.0
(DEL) Alkane: Str...	23.88	3.5	ng/ul	508993	6	23.33	2875080	20.0