

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027229.D
 Acq On : 26 Aug 2020 01:36
 Operator : JU/CG
 Sample : L3613-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFQ7

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-BM082520MA.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	3.158	25	29	37	rVB	17742	30397	0.86%	0.091%
2	3.563	95	98	102	rVB5	6991	8575	0.24%	0.026%
3	3.657	110	114	121	rVB2	26120	35983	1.02%	0.107%
4	3.722	123	125	131	rVV5	4582	6392	0.18%	0.019%
5	3.787	131	136	142	rVV	25437	41960	1.19%	0.125%
6	3.869	145	150	157	rVB3	8883	15365	0.44%	0.046%
7	4.399	238	240	245	rBV6	3077	3944	0.11%	0.012%
8	4.757	298	301	309	rVB	19845	31306	0.89%	0.093%
9	4.857	314	318	324	rBV6	3690	6068	0.17%	0.018%
10	6.304	562	564	572	rVB4	6840	11751	0.33%	0.035%
11	6.616	613	617	620	rVB6	4461	5132	0.15%	0.015%
12	6.781	638	645	657	rBV	320437	519112	14.76%	1.546%
13	6.940	665	672	684	rVB	259523	400131	11.38%	1.192%
14	7.051	687	691	694	rVB5	2785	3954	0.11%	0.012%
15	7.134	699	705	715	rVB	327520	525091	14.93%	1.564%
16	7.222	715	720	728	rBV	41331	79888	2.27%	0.238%
17	7.598	776	784	794	rBV	569713	876009	24.91%	2.610%
18	7.740	803	808	811	rBV6	3117	4725	0.13%	0.014%
19	8.304	897	904	910	rBV	345866	535809	15.24%	1.596%
20	8.363	910	914	919	rVV	25026	41899	1.19%	0.125%
21	8.416	919	923	929	rVB2	9194	15732	0.45%	0.047%
22	8.739	971	978	987	rBV	322101	524077	14.90%	1.561%
23	8.998	1019	1022	1027	rVB5	4532	7265	0.21%	0.022%
24	9.216	1054	1059	1063	rBV4	3545	5105	0.15%	0.015%
25	9.457	1091	1100	1108	rBV	266317	442130	12.57%	1.317%
26	9.998	1183	1192	1207	rBV	438299	745630	21.20%	2.221%
27	10.369	1247	1255	1265	rBV	768925	1258166	35.78%	3.748%
28	10.504	1271	1278	1291	rBV	228554	439541	12.50%	1.309%
29	10.892	1340	1344	1350	rBV7	2711	4497	0.13%	0.013%
30	11.751	1484	1490	1496	rBV6	8675	13316	0.38%	0.040%
31	11.916	1512	1518	1523	rBV5	8971	17719	0.50%	0.053%
32	11.969	1523	1527	1533	rVB3	5649	9819	0.28%	0.029%
33	12.604	1629	1635	1640	rBV4	3936	6227	0.18%	0.019%
34	12.857	1675	1678	1682	rBV5	3054	4507	0.13%	0.013%

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35	12.980	1694	1699	1703	rBV4	9481	14093	0.40%	0.042%
36	13.016	1703	1705	1708	rVB3	3160	3934	0.11%	0.012%
37	13.092	1712	1718	1719	rBV4	3695	5355	0.15%	0.016%
38	13.127	1719	1724	1727	rBV3	17969	27076	0.77%	0.081%
39	13.574	1796	1800	1807	rVB6	10490	15824	0.45%	0.047%
40	13.651	1807	1813	1818	rBV	940497	1270102	36.11%	3.784%
41	13.698	1818	1821	1828	rVB	371697	483109	13.74%	1.439%
42	13.927	1851	1860	1871	rBV	866484	1313769	37.36%	3.914%
43	14.016	1871	1875	1879	rVB6	4810	6176	0.18%	0.018%
44	14.098	1885	1889	1892	rBV5	3983	6114	0.17%	0.018%
45	14.139	1892	1896	1899	rVV5	14715	18456	0.52%	0.055%
46	14.239	1904	1913	1922	rVV	1278492	1842235	52.38%	5.488%
47	14.327	1922	1928	1933	rVV6	10749	21844	0.62%	0.065%
48	14.445	1941	1948	1955	rVV	293357	488225	13.88%	1.454%
49	14.504	1956	1958	1966	rVV6	20747	42811	1.22%	0.128%
50	14.574	1966	1970	1982	rVV2	22361	50205	1.43%	0.150%
51	14.674	1985	1987	1994	rVB6	3985	6912	0.20%	0.021%
52	14.810	2004	2010	2015	rVB8	4067	7669	0.22%	0.023%
53	15.068	2050	2054	2058	rVB3	5508	8592	0.24%	0.026%
54	15.127	2058	2064	2066	rBV5	4223	6704	0.19%	0.020%
55	15.163	2066	2070	2075	rVB5	14328	18925	0.54%	0.056%
56	15.233	2075	2082	2092	rBV	1263299	1775858	50.50%	5.290%
57	15.357	2097	2103	2113	rBV	356292	503760	14.32%	1.501%
58	15.474	2118	2123	2128	rBV4	15077	25644	0.73%	0.076%
59	15.586	2140	2142	2147	rBV5	3157	5553	0.16%	0.017%
60	15.698	2155	2161	2162	rBV4	6574	8277	0.24%	0.025%
61	15.821	2175	2182	2189	rBV8	10168	15902	0.45%	0.047%
62	15.898	2189	2195	2199	rBV7	6277	12289	0.35%	0.037%
63	16.015	2213	2215	2222	rVB8	7338	12769	0.36%	0.038%
64	16.098	2226	2229	2232	rBV5	3292	5094	0.14%	0.015%
65	16.151	2235	2238	2242	rVV5	4421	5349	0.15%	0.016%
66	16.215	2245	2249	2254	rBV7	5291	8624	0.25%	0.026%
67	16.427	2280	2285	2287	rBV5	9225	14622	0.42%	0.044%
68	16.504	2294	2298	2300	rBV4	6360	9236	0.26%	0.028%
69	16.539	2300	2304	2307	rVV	16102	18407	0.52%	0.055%
70	16.668	2322	2326	2330	rVB7	6236	10123	0.29%	0.030%
71	16.768	2341	2343	2349	rBV6	7104	9474	0.27%	0.028%

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72	16.980	2373	2379	2386	rBV	1655312	2258943	64.23%	6.729%
73	17.080	2389	2396	2406	rBV	1269350	1838575	52.28%	5.477%
74	17.180	2411	2413	2420	rVV8	11774	24653	0.70%	0.073%
75	17.233	2420	2422	2425	rVV4	6722	8618	0.25%	0.026%
76	17.280	2428	2430	2435	rVB6	6920	8369	0.24%	0.025%
77	17.368	2443	2445	2454	rVB10	4783	11191	0.32%	0.033%
78	17.498	2466	2467	2468	rBV	6917	3918	0.11%	0.012%
79	17.815	2519	2521	2528	rVB8	13756	25220	0.72%	0.075%
80	17.904	2531	2536	2545	rBV	321833	449208	12.77%	1.338%
81	18.062	2558	2563	2568	rVB4	56703	79085	2.25%	0.236%
82	18.174	2579	2582	2585	rBV5	11578	14558	0.41%	0.043%
83	18.439	2623	2627	2629	rBV4	10187	14086	0.40%	0.042%
84	18.615	2654	2657	2661	rBV6	18282	23882	0.68%	0.071%
85	18.780	2682	2685	2688	rVB4	13049	15999	0.45%	0.048%
86	19.015	2722	2725	2727	rBV	15444	20719	0.59%	0.062%
87	19.045	2727	2730	2738	rVV3	60355	94135	2.68%	0.280%
88	19.115	2738	2742	2747	rVB3	46040	61774	1.76%	0.184%
89	19.192	2751	2755	2759	rBV2	114900	153058	4.35%	0.456%
90	19.380	2782	2787	2794	rBV	1688507	2187620	62.20%	6.517%
91	20.568	2986	2989	2994	rVB6	41482	70804	2.01%	0.211%
92	20.915	3044	3048	3057	rBV	511451	714997	20.33%	2.130%
93	21.133	3082	3085	3088	rBV	156901	191917	5.46%	0.572%
94	21.180	3088	3093	3101	rVB	2627336	3516869	100.00%	10.477%
95	21.797	3193	3198	3204	rBV2	338201	565146	16.07%	1.684%
96	22.739	3354	3358	3362	rBV	474758	614555	17.47%	1.831%
97	23.221	3434	3440	3447	rBV	1245905	2101417	59.75%	6.260%
98	23.362	3458	3464	3474	rVB	1479041	2616984	74.41%	7.796%
99	23.921	3554	3559	3565	rVB	345230	625496	17.79%	1.863%
100	23.997	3567	3572	3579	rVB	239160	480558	13.66%	1.432%

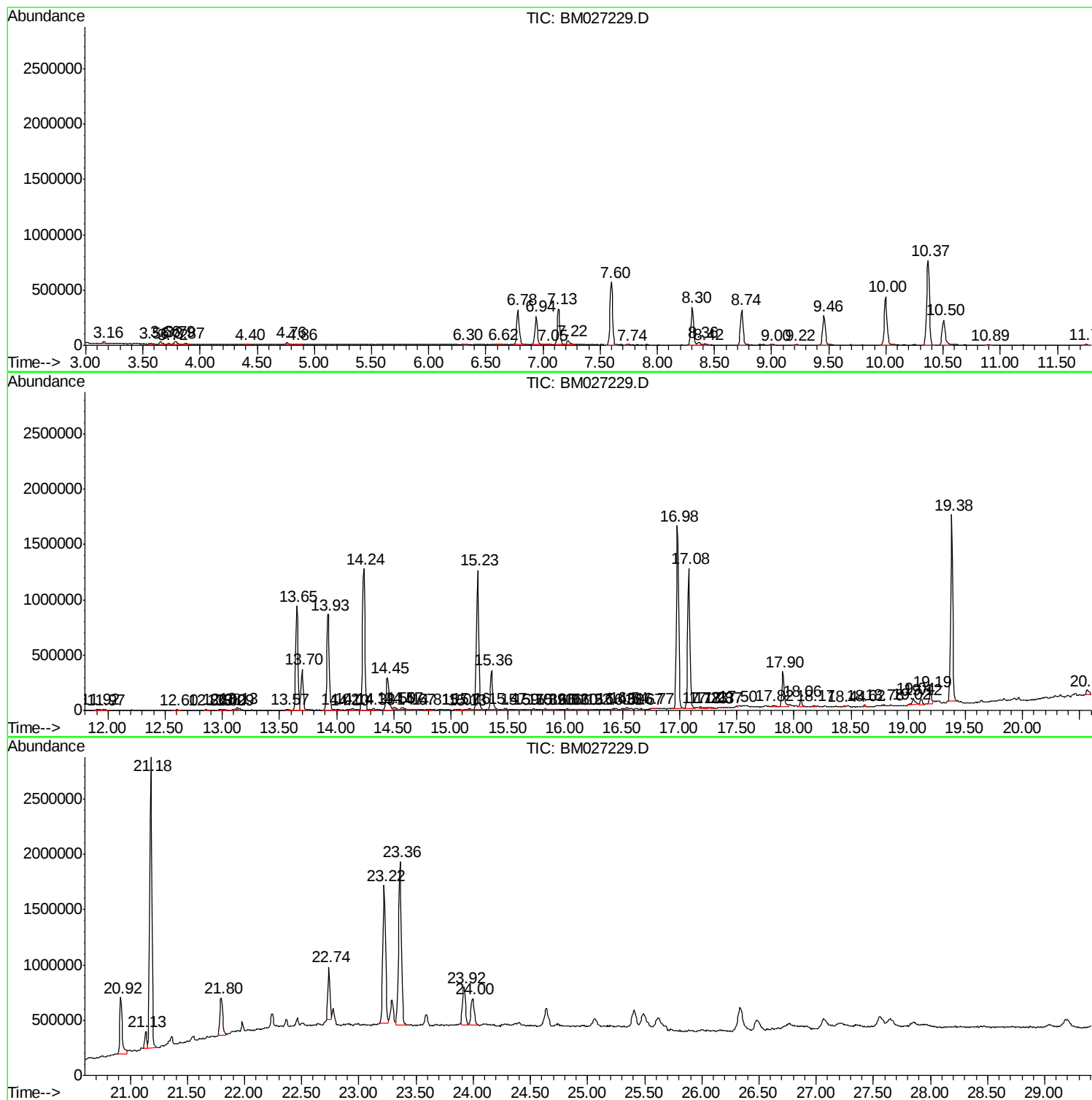
Sum of corrected areas: 33568687

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Quant Title : SVOA CALIBRATION

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



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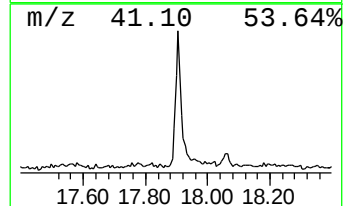
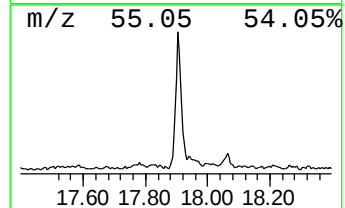
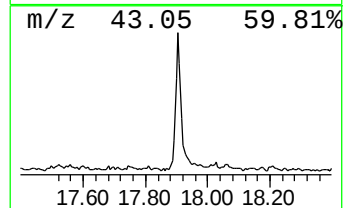
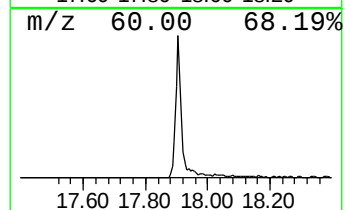
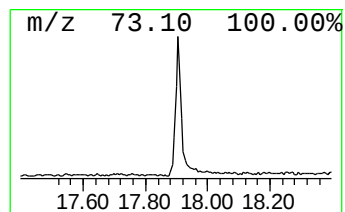
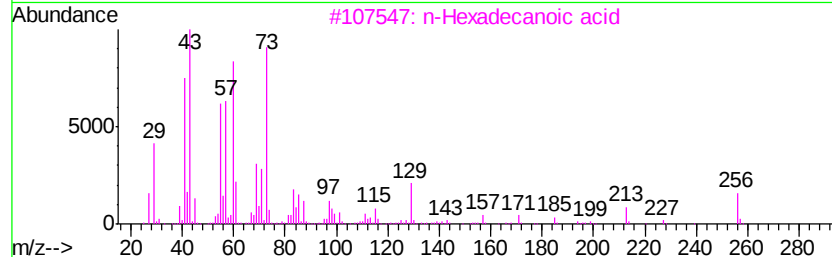
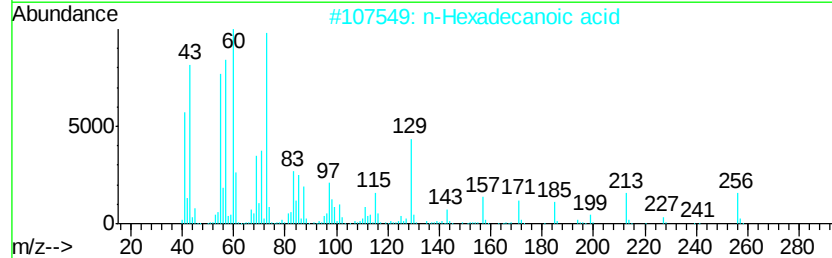
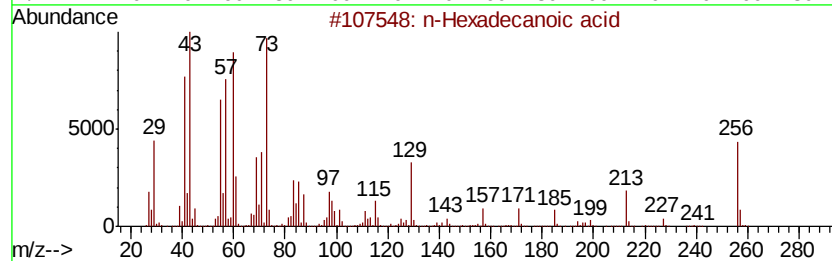
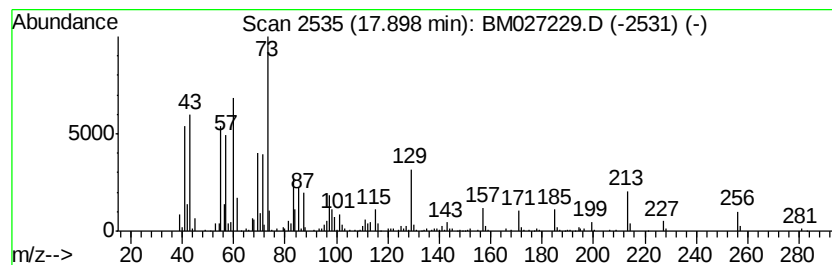
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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.	
17.90	3.98 ng/ul	449208	Phenanthrene-d10		16.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	52	



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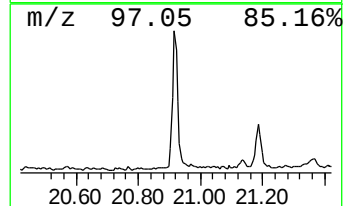
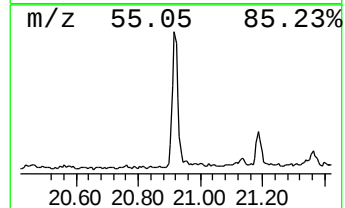
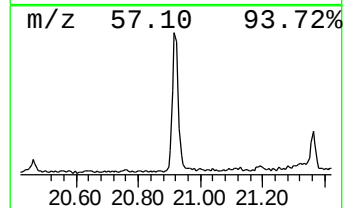
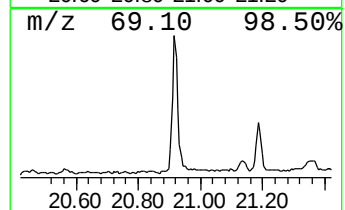
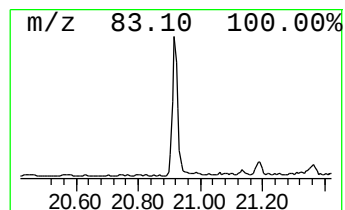
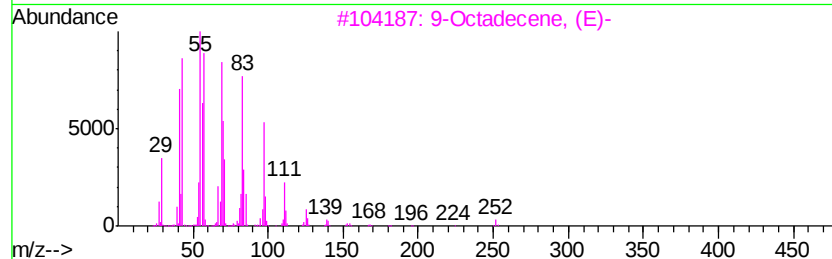
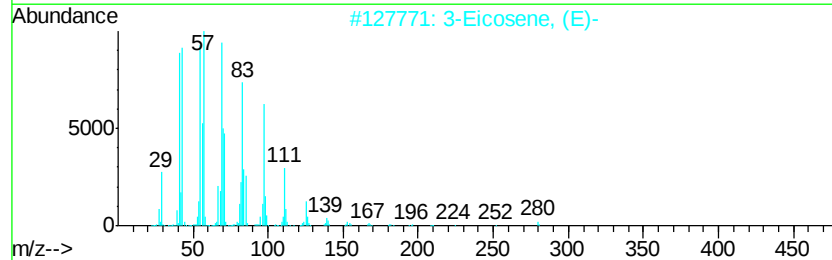
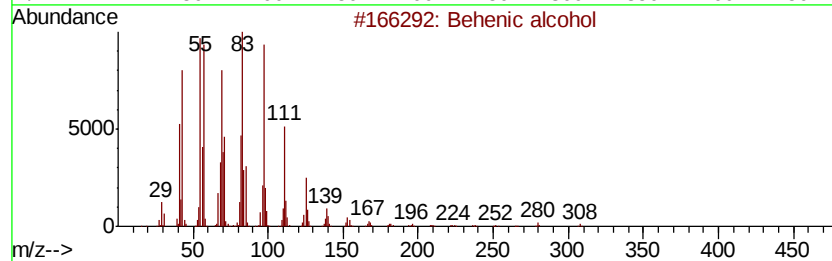
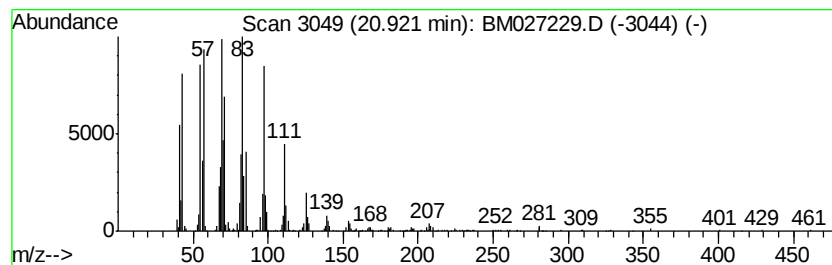
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	4.07 ng/ul	714997	Chrysene-d12	21.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		9-Octadecene, (E)-	252	C18H36	007206-25-9	86
4		Cyclohexadecane	224	C16H32	000295-65-8	86
5		1-Heptacosanol	396	C27H56O	002004-39-9	81



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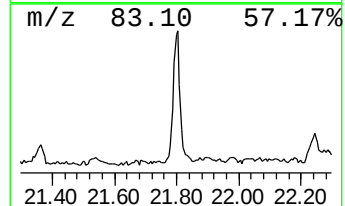
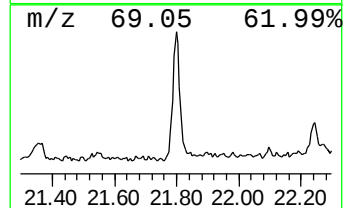
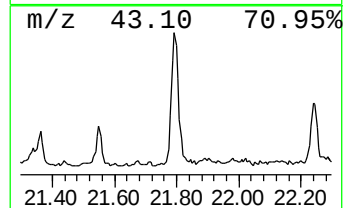
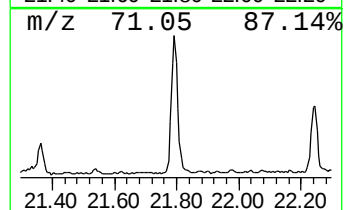
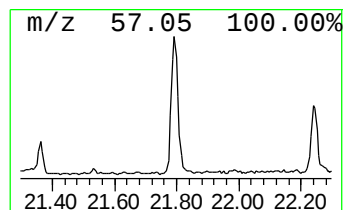
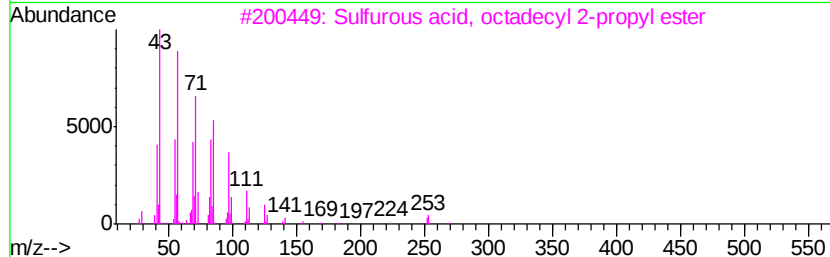
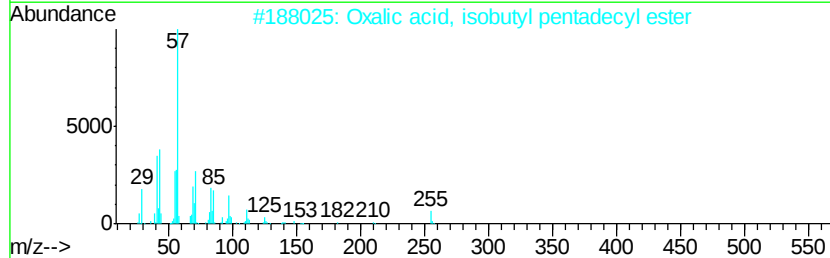
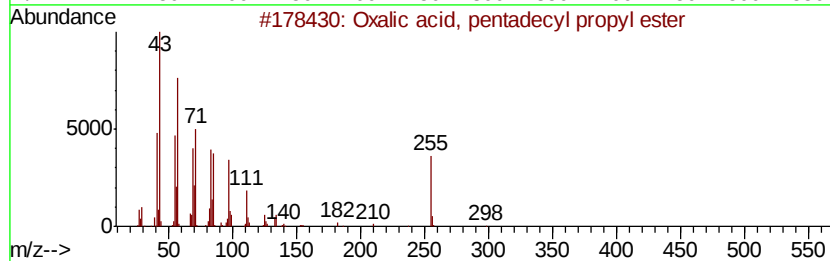
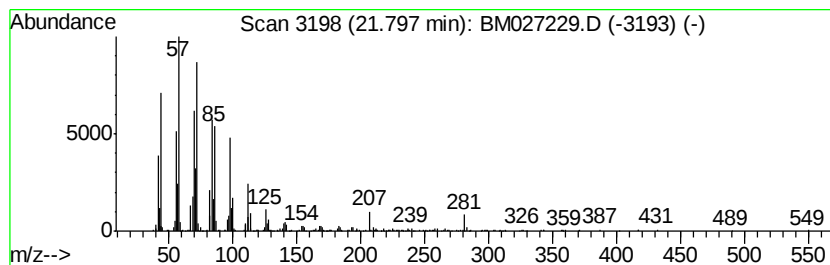
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Peak Number 3 Oxalic acid, pentadecyl pro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	3.21 ng/ul	565146	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	87
2		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87
3		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
4		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
5		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027229.D
Acq On : 26 Aug 2020 01:36
Operator : JU/CG
Sample : L3613-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFQ7

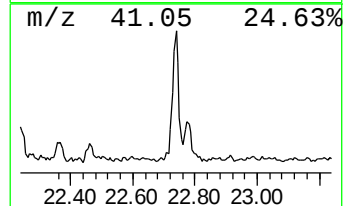
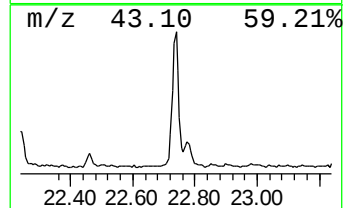
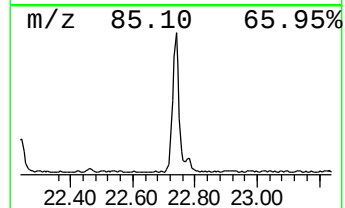
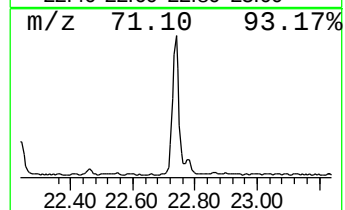
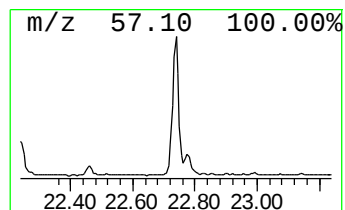
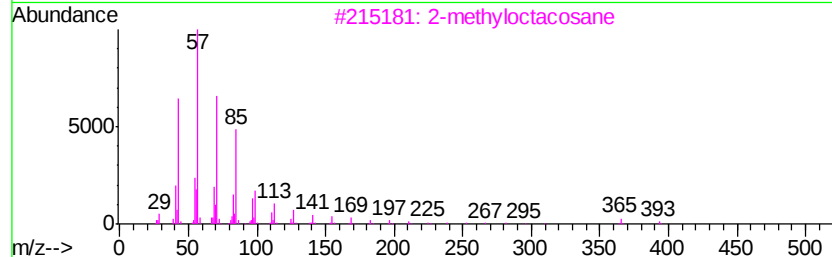
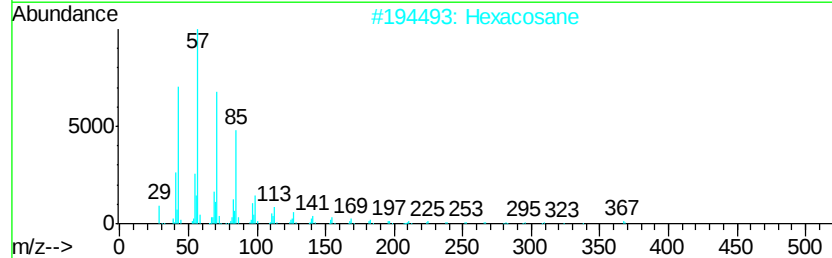
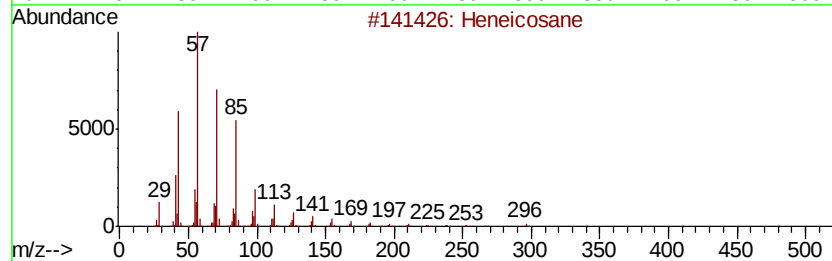
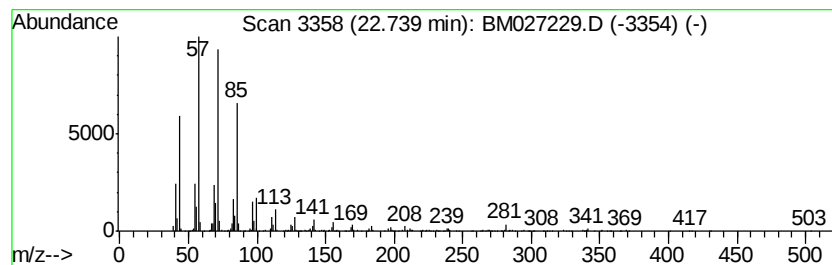
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	4.70 ng/ul	614555	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Tridecane	184	C13H28	000629-50-5	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027229.D
Acq On : 26 Aug 2020 01:36
Operator : JU/CG
Sample : L3613-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFQ7

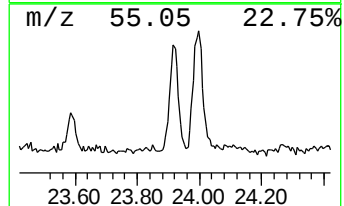
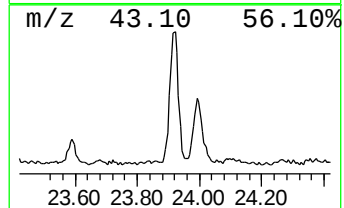
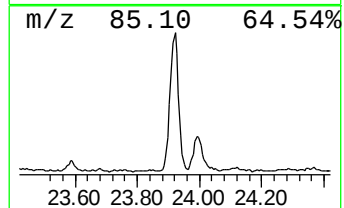
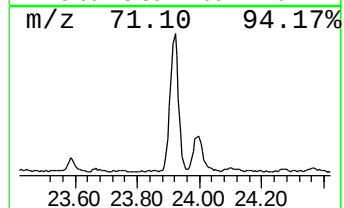
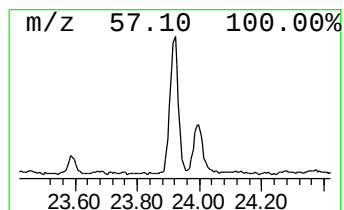
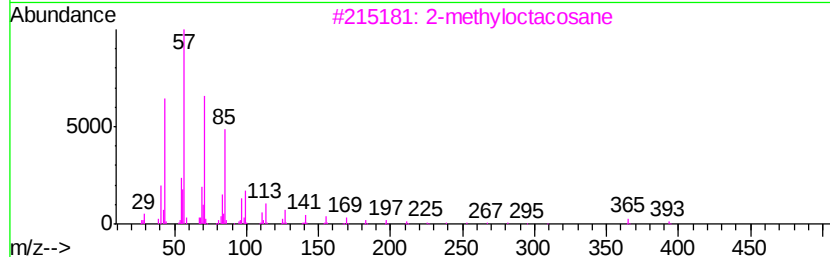
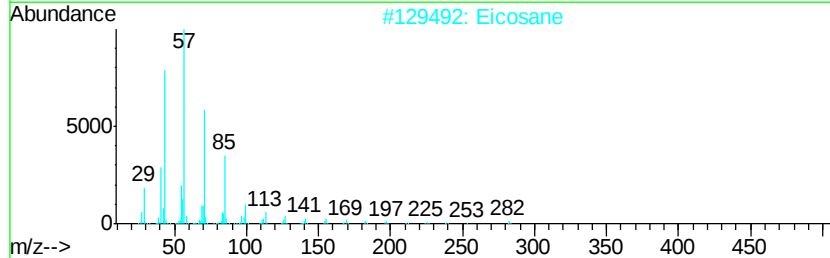
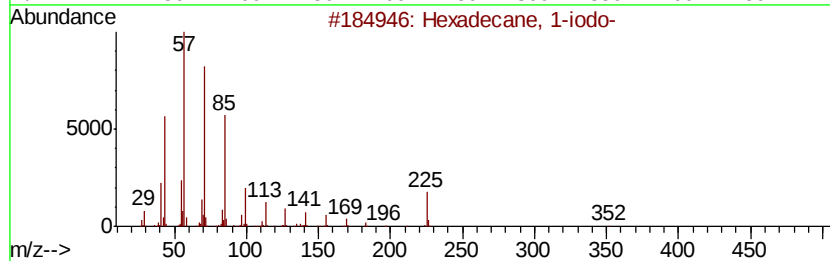
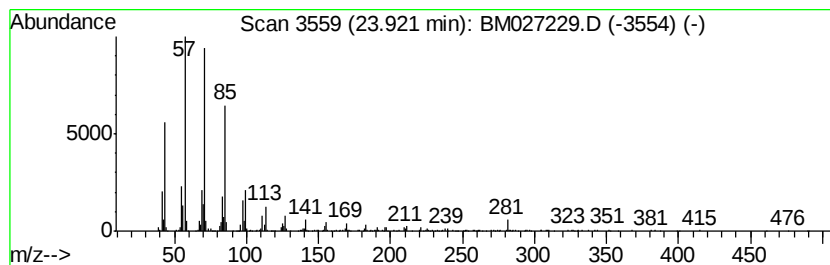
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Hexadecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	4.78 ng/ul	625496	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2		Eicosane	282	C20H42	000112-95-8	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027229.D
Acq On : 26 Aug 2020 01:36
Operator : JU/CG
Sample : L3613-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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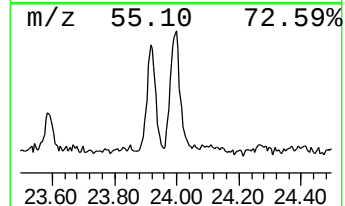
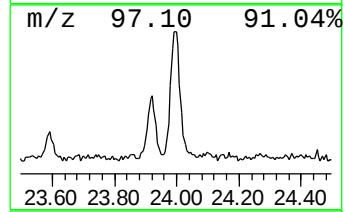
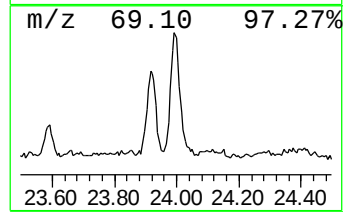
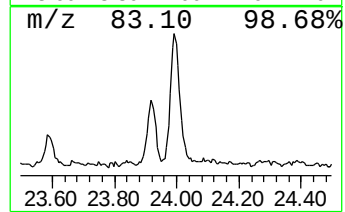
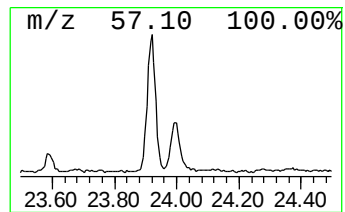
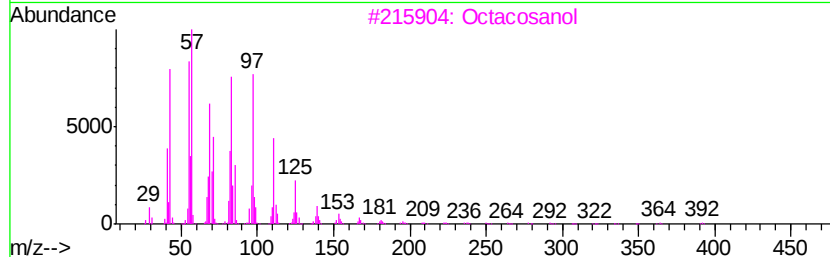
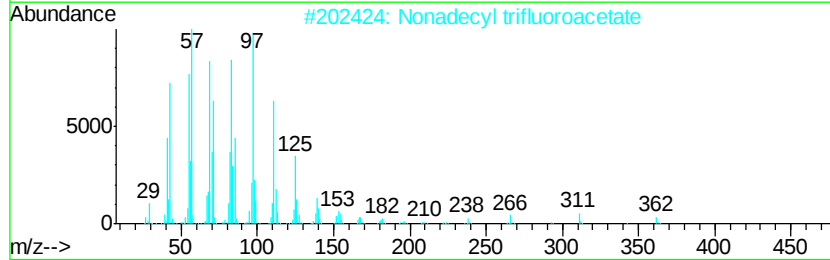
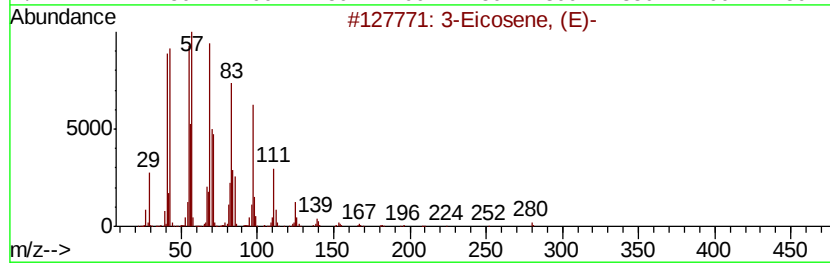
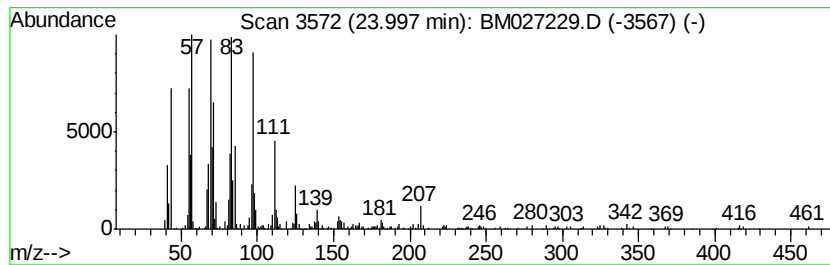
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	3.67 ng/ul	480558	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	93
3		Octacosanol	410	C28H58O	000557-61-9	90
4		1-Heptacosanol	396	C27H56O	002004-39-9	87
5		17-Pentatriacontene	491	C35H70	006971-40-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082520\
Data File : BM027229.D
Acq On : 26 Aug 2020 01:36
Operator : JU/CG
Sample : L3613-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFQ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.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	17.90	4.0	ng/ul	449208	4	16.98	2258940	20.0
Behenic alcohol	20.92	4.1	ng/ul	714997	5	21.18	3516870	20.0
Oxalic acid, pent...	21.80	3.2	ng/ul	565146	5	21.18	3516870	20.0
(DEL) Alkane: Str...	22.74	4.7	ng/ul	614555	6	23.36	2616980	20.0
Hexadecane, 1-iodo-	23.92	4.8	ng/ul	625496	6	23.36	2616980	20.0
(DEL) Alkane: Str...	24.00	3.7	ng/ul	480558	6	23.36	2616980	20.0