

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
 Data File : BM027368.D
 Acq On : 10 Sep 2020 11:19
 Operator : JU/CG
 Sample : L3855-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW267

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	3.140	22	26	33	rVB4	14291	26356	0.78%	0.080%
2	3.540	92	94	99	rVB3	8175	9149	0.27%	0.028%
3	3.634	106	110	116	rVB2	28665	39362	1.17%	0.120%
4	3.757	127	131	141	rVB	27116	51415	1.53%	0.156%
5	3.846	141	146	150	rBV5	7933	14305	0.43%	0.043%
6	4.063	180	183	187	rVB2	12551	15097	0.45%	0.046%
7	4.457	248	250	257	rVB5	9080	13508	0.40%	0.041%
8	4.734	293	297	302	rVB	13656	21494	0.64%	0.065%
9	4.840	312	315	319	rBV3	4830	5706	0.17%	0.017%
10	6.751	633	640	655	rVB	190624	313356	9.33%	0.951%
11	6.910	662	667	680	rVB	164397	254913	7.59%	0.774%
12	7.104	695	700	709	rBV	205203	335842	10.00%	1.020%
13	7.204	716	717	724	rVB4	2551	4026	0.12%	0.012%
14	7.569	772	779	787	rVB	438120	677113	20.16%	2.056%
15	8.275	893	899	909	rBV	171589	271954	8.10%	0.826%
16	8.386	913	918	924	rVB3	13534	21908	0.65%	0.067%
17	8.710	966	973	987	rBV	213509	346946	10.33%	1.053%
18	9.428	1089	1095	1104	rBV	171969	283555	8.44%	0.861%
19	9.963	1179	1186	1196	rBV	255519	437513	13.03%	1.328%
20	10.333	1241	1249	1262	rBV	574961	938427	27.95%	2.849%
21	10.475	1266	1273	1287	rBV	130650	256417	7.64%	0.779%
22	11.939	1516	1522	1526	rBV3	3177	5473	0.16%	0.017%
23	13.127	1718	1724	1729	rVB4	2311	4659	0.14%	0.014%
24	13.627	1802	1809	1813	rBV	586843	797768	23.76%	2.422%
25	13.674	1813	1817	1825	rVB	124389	173616	5.17%	0.527%
26	13.898	1849	1855	1864	rBV	579341	821707	24.47%	2.495%
27	14.210	1901	1908	1914	rBV	1006715	1439902	42.88%	4.372%
28	14.421	1938	1944	1955	rBV	89801	176000	5.24%	0.534%
29	14.586	1967	1972	1975	rVB5	3208	3674	0.11%	0.011%
30	14.657	1979	1984	1989	rVB2	7403	11179	0.33%	0.034%
31	15.039	2045	2049	2052	rBV3	3646	5135	0.15%	0.016%
32	15.204	2071	2077	2086	rBV	821616	1131243	33.69%	3.435%
33	15.262	2086	2087	2093	rVV6	3080	4535	0.14%	0.014%
34	15.327	2093	2098	2107	rVV	192200	277303	8.26%	0.842%

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35	15.404	2107	2111	2115	rVV2	22482	27646	0.82%	0.084%
36	15.445	2115	2118	2123	rVB3	7781	9903	0.29%	0.030%
37	15.721	2159	2165	2170	rVB6	6065	8940	0.27%	0.027%
38	15.998	2208	2212	2215	rVB4	3167	3711	0.11%	0.011%
39	16.509	2295	2299	2307	rVB3	13106	18896	0.56%	0.057%
40	16.609	2312	2316	2319	rBV3	2455	3668	0.11%	0.011%
41	16.745	2336	2339	2343	rBV5	5303	8316	0.25%	0.025%
42	16.886	2360	2363	2365	rBV4	2547	3434	0.10%	0.010%
43	16.956	2368	2375	2379	rVV	1347038	1867010	55.60%	5.669%
44	16.998	2379	2382	2386	rVV	86226	111514	3.32%	0.339%
45	17.051	2386	2391	2402	rVB	908352	1249489	37.21%	3.794%
46	17.256	2425	2426	2430	rVB3	3663	3523	0.10%	0.011%
47	17.356	2441	2443	2449	rVB3	6369	11400	0.34%	0.035%
48	17.486	2459	2465	2469	rBV8	5178	7963	0.24%	0.024%
49	17.527	2469	2472	2478	rVV5	11731	14754	0.44%	0.045%
50	17.762	2507	2512	2516	rBV7	3579	5390	0.16%	0.016%
51	17.827	2516	2523	2527	rBV4	35594	57480	1.71%	0.175%
52	17.880	2527	2532	2539	rVV	191882	269319	8.02%	0.818%
53	17.945	2539	2543	2548	rVV2	16791	35719	1.06%	0.108%
54	18.021	2552	2556	2560	rVV2	21666	40319	1.20%	0.122%
55	18.062	2560	2563	2571	rVB7	8380	15989	0.48%	0.049%
56	18.186	2580	2584	2589	rBV8	12305	22410	0.67%	0.068%
57	18.239	2589	2593	2601	rVB7	32374	68519	2.04%	0.208%
58	18.339	2607	2610	2613	rBV2	9045	12103	0.36%	0.037%
59	18.374	2613	2616	2624	rVB3	20688	33316	0.99%	0.101%
60	18.439	2624	2627	2630	rBV4	4486	6709	0.20%	0.020%
61	18.603	2649	2655	2658	rBV6	16548	25762	0.77%	0.078%
62	18.645	2658	2662	2666	rVB5	25174	33239	0.99%	0.101%
63	18.727	2672	2676	2678	rBV5	44480	59432	1.77%	0.180%
64	18.756	2678	2681	2685	rVB6	23607	31712	0.94%	0.096%
65	18.815	2689	2691	2694	rBV3	9071	10383	0.31%	0.032%
66	18.868	2694	2700	2707	rBV2	271645	371612	11.07%	1.128%
67	18.986	2713	2720	2721	rBV4	43669	62845	1.87%	0.191%
68	19.021	2721	2726	2730	rVV	404290	567019	16.89%	1.722%
69	19.062	2730	2733	2740	rVB8	53602	80156	2.39%	0.243%
70	19.133	2741	2745	2748	rBV3	81476	113750	3.39%	0.345%
71	19.174	2748	2752	2759	rVB2	886919	1113588	33.16%	3.381%

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72	19.356	2775	2783	2796	rBV2	1583458	3358068	100.00%	10.196%
73	19.515	2806	2810	2814	rVB6	19823	24956	0.74%	0.076%
74	19.574	2816	2820	2825	rBV2	27364	51625	1.54%	0.157%
75	19.697	2834	2841	2845	rBV5	107841	187159	5.57%	0.568%
76	19.821	2858	2862	2864	rBV4	21303	30269	0.90%	0.092%
77	19.892	2870	2874	2879	rVB2	40351	69188	2.06%	0.210%
78	19.939	2880	2882	2885	rVB	33050	29597	0.88%	0.090%
79	19.992	2887	2891	2896	rBV2	30115	48448	1.44%	0.147%
80	20.044	2897	2900	2903	rVB2	20891	24790	0.74%	0.075%
81	20.109	2907	2911	2916	rVB5	80309	97615	2.91%	0.296%
82	20.186	2921	2924	2928	rVB3	29284	36270	1.08%	0.110%
83	20.309	2941	2945	2950	rBV2	180304	222699	6.63%	0.676%
84	20.444	2965	2968	2970	rBV3	20428	26602	0.79%	0.081%
85	20.803	3026	3029	3032	rVB	36782	42752	1.27%	0.130%
86	20.897	3039	3045	3050	rBV2	529857	787553	23.45%	2.391%
87	21.097	3077	3079	3082	rBV	38966	35641	1.06%	0.108%
88	21.156	3082	3089	3093	rVV	2302479	3177346	94.62%	9.647%
89	21.191	3093	3095	3103	rVB	297745	361542	10.77%	1.098%
90	21.344	3118	3121	3127	rBV3	76727	95994	2.86%	0.291%
91	21.780	3189	3195	3203	rBV2	460230	760265	22.64%	2.308%
92	22.433	3303	3306	3315	rVB7	131855	199450	5.94%	0.606%
93	22.680	3344	3348	3349	rBV	322163	393731	11.72%	1.195%
94	22.709	3350	3353	3357	rVB	585764	811773	24.17%	2.465%
95	23.138	3423	3426	3429	rBV	123550	168100	5.01%	0.510%
96	23.185	3429	3434	3439	rBV	964818	1559349	46.44%	4.735%
97	23.327	3452	3458	3474	rVB	1443082	2829048	84.25%	8.590%
98	23.880	3547	3552	3558	rVB	277518	491671	14.64%	1.493%
99	25.562	3834	3838	3850	rVB7	249698	622209	18.53%	1.889%
100	26.268	3953	3958	3970	rVB5	293808	814478	24.25%	2.473%

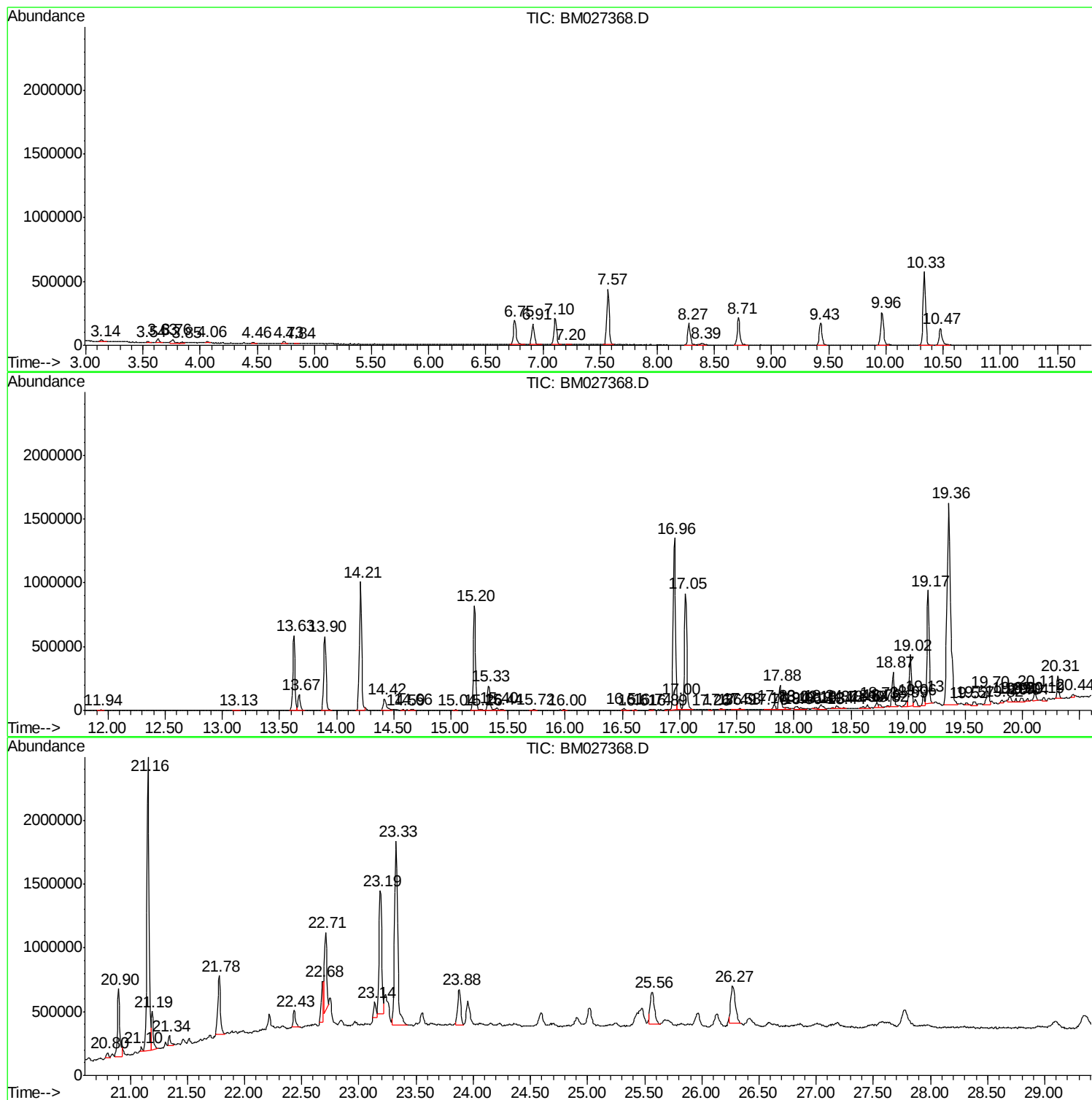
Sum of corrected areas: 32935682

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Quant Title : SVOA CALIBRATION

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



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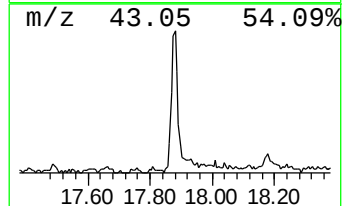
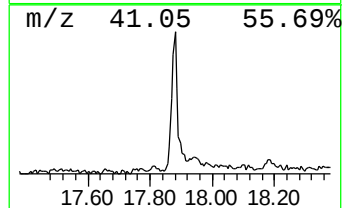
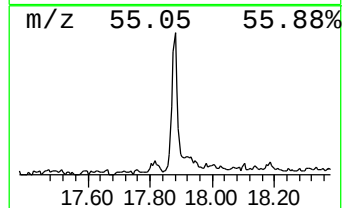
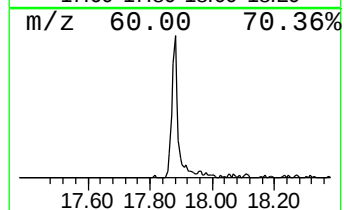
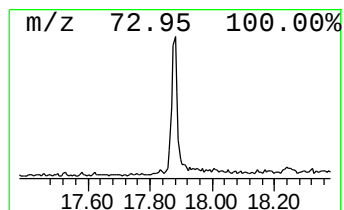
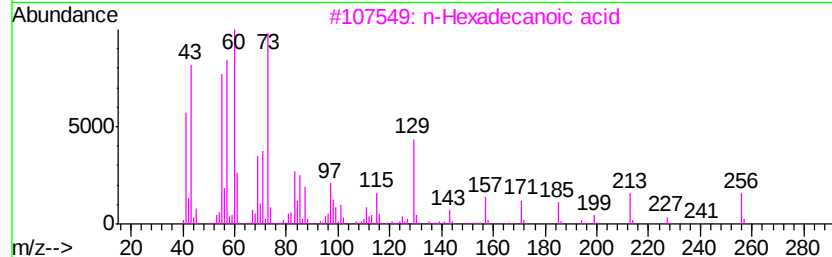
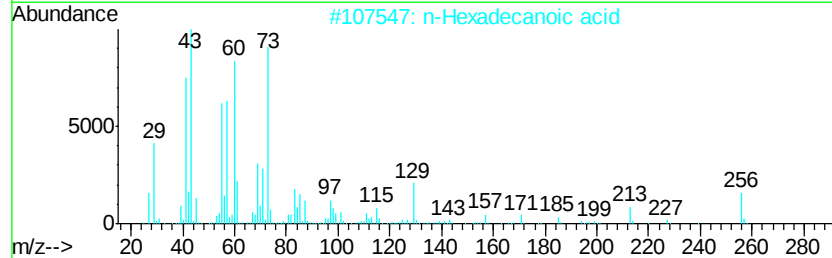
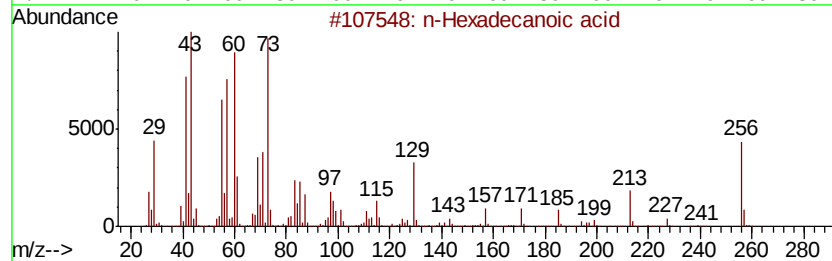
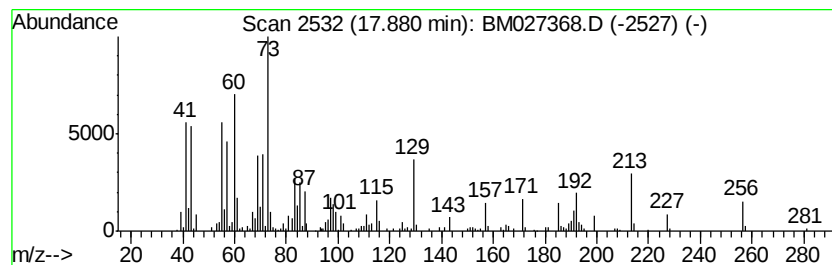
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.88	2.89 ng/ul	269319	Phenanthrene-d10		16.96	
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	93	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83	



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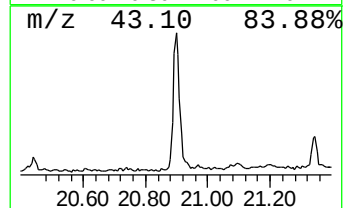
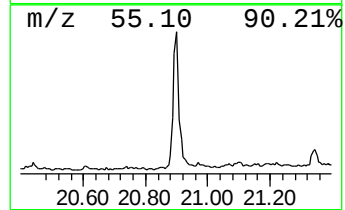
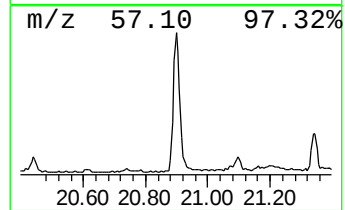
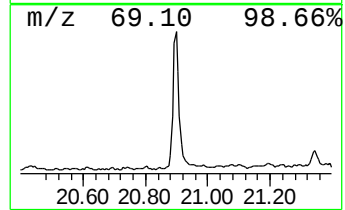
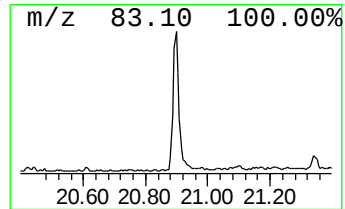
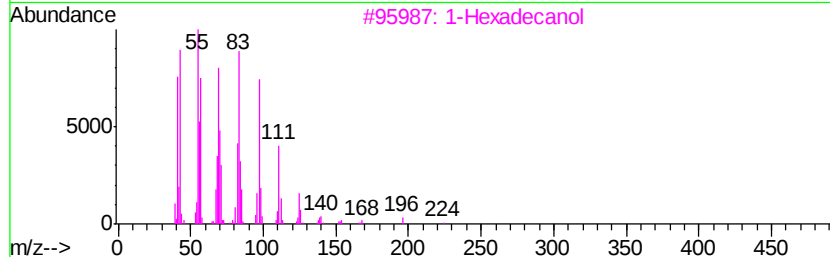
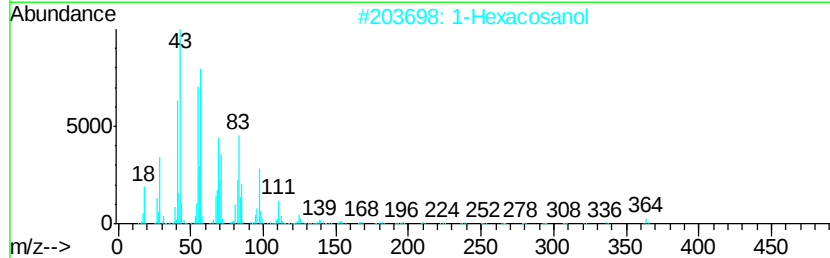
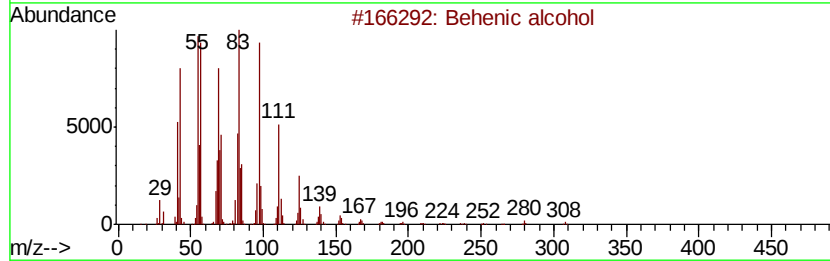
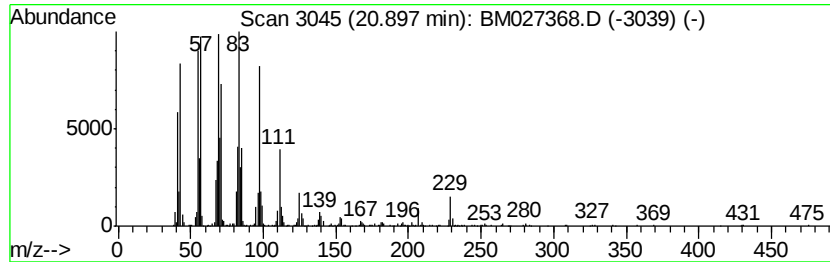
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.96 ng/ul	787553	Chrysene-d12	21.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 87
2		1-Hexacosanol	382 C26H54O	000506-52-5 87
3		1-Hexadecanol	242 C16H34O	036653-82-4 81
4		Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5 81
5		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 81



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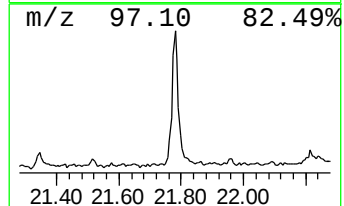
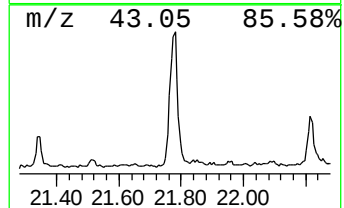
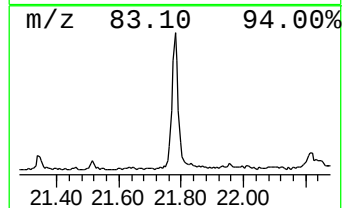
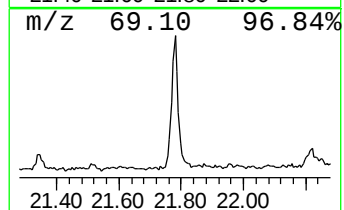
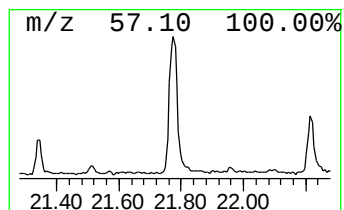
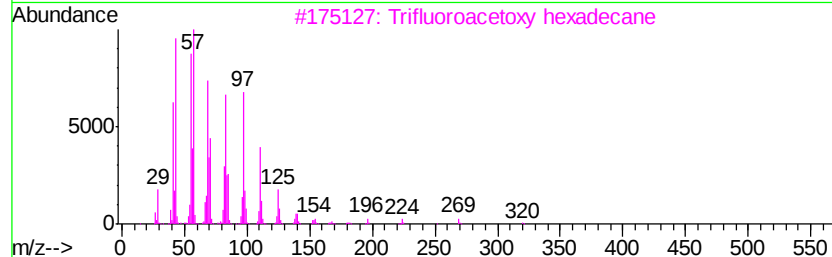
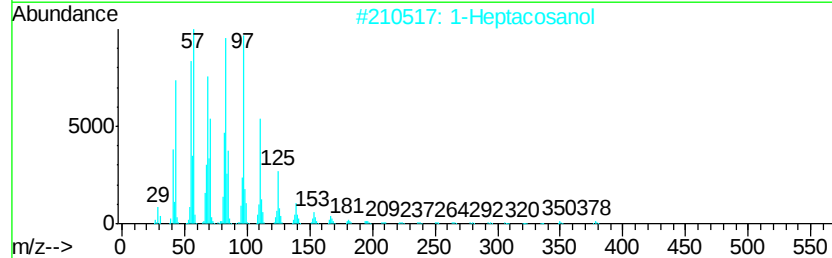
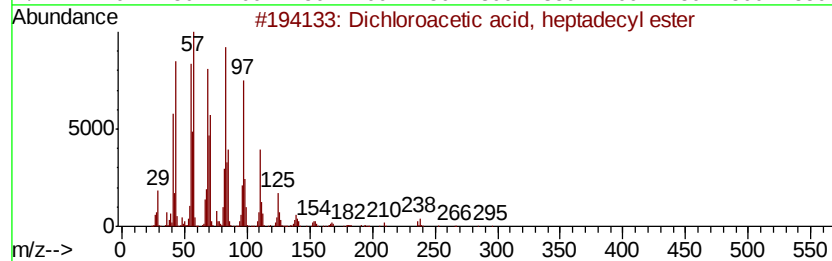
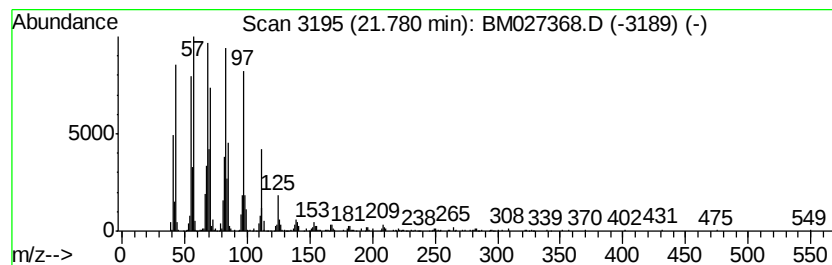
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	4.79 ng/ul	760265	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5		1-Docosene	308	C22H44	001599-67-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027368.D
Acq On : 10 Sep 2020 11:19
Operator : JU/CG
Sample : L3855-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW267

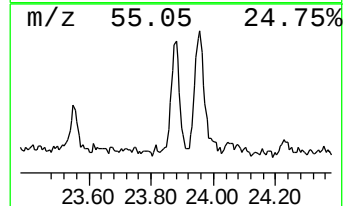
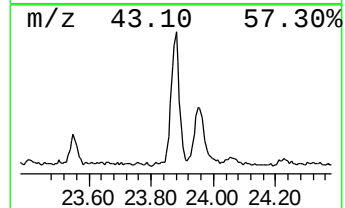
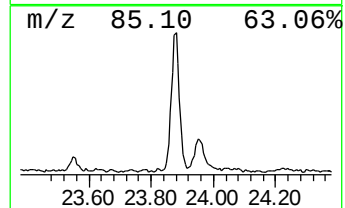
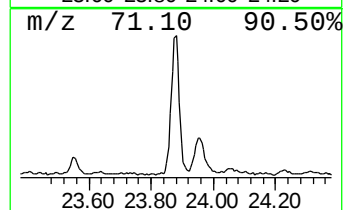
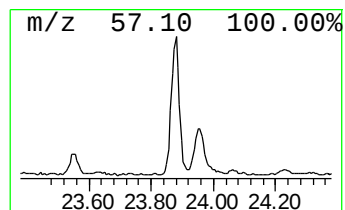
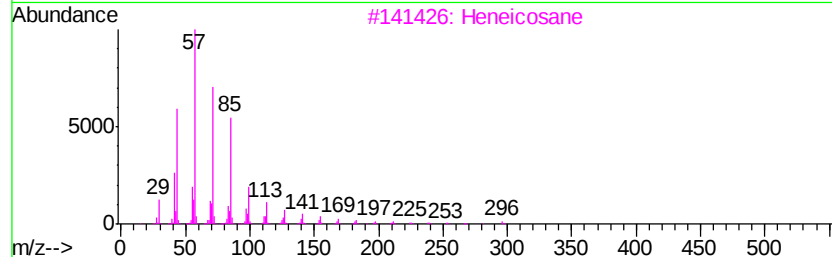
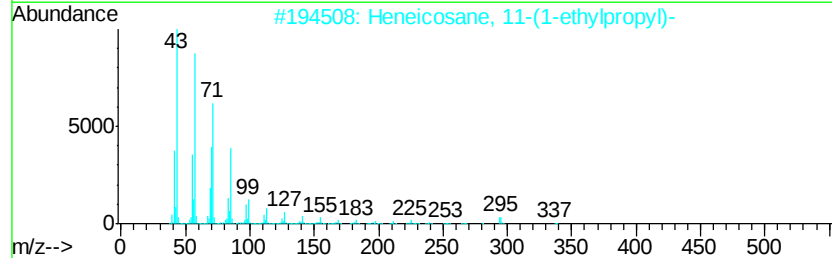
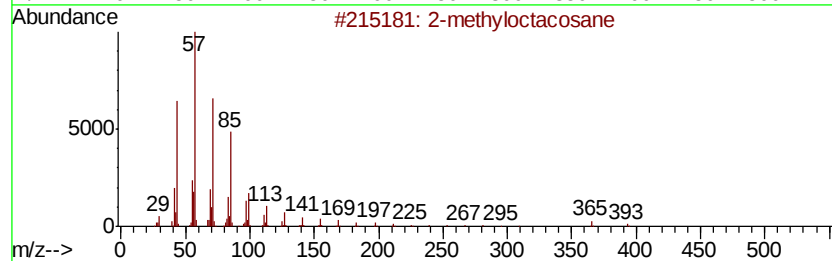
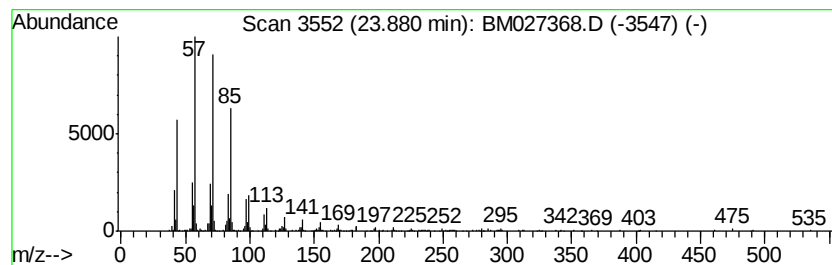
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	3.48 ng/ul	491671	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		Heneicosane	296	C21H44	000629-94-7	83
4		Octacosane	394	C28H58	000630-02-4	83
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027368.D
Acq On : 10 Sep 2020 11:19
Operator : JU/CG
Sample : L3855-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW267

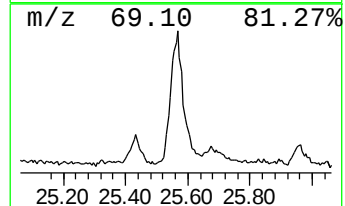
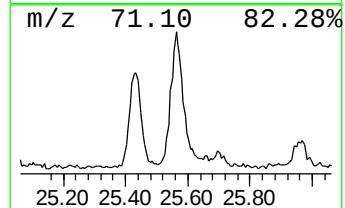
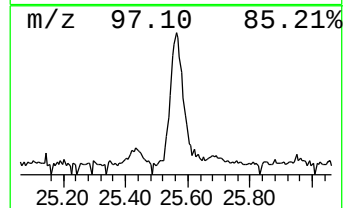
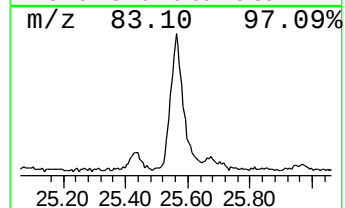
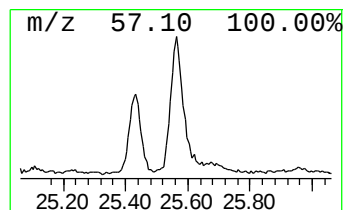
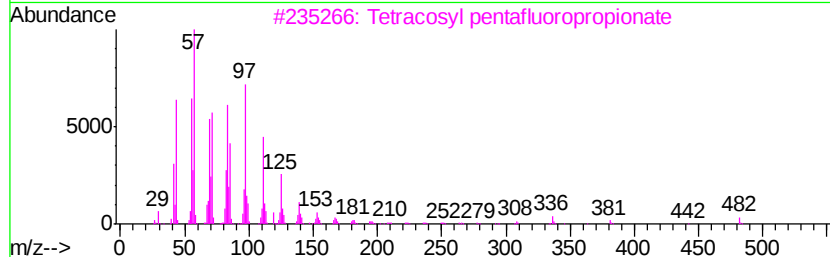
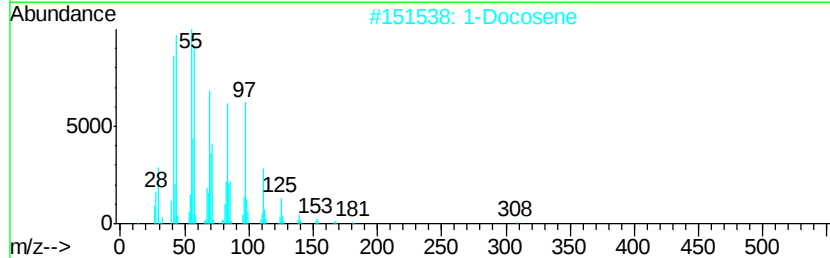
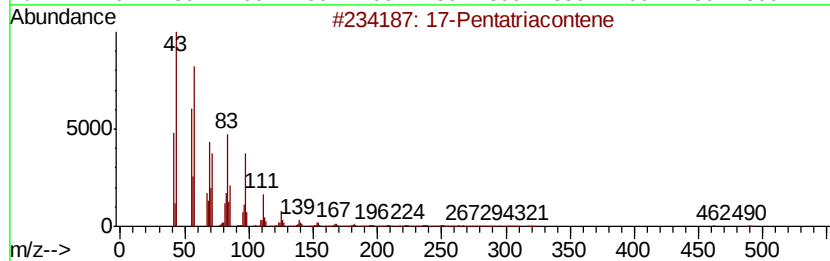
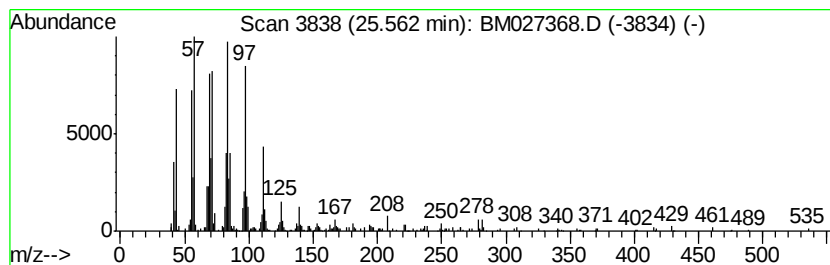
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	4.40 ng/ul	622209	Perylene-d12	23.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		1-Docosene	308	C22H44	001599-67-3	89
3		Tetracosyl pentafluoropropionate	500	C27H49F5O2	1000351-81-3	76
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	74
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027368.D
Acq On : 10 Sep 2020 11:19
Operator : JU/CG
Sample : L3855-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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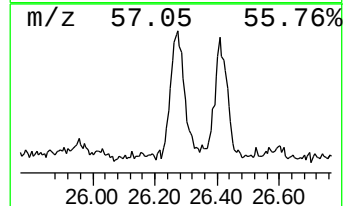
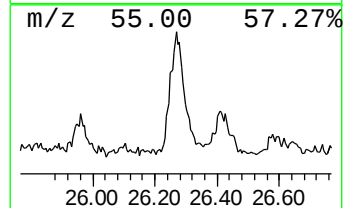
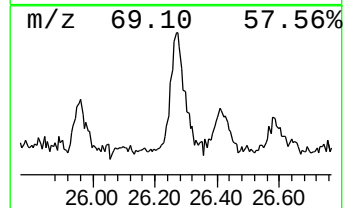
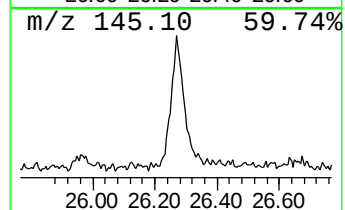
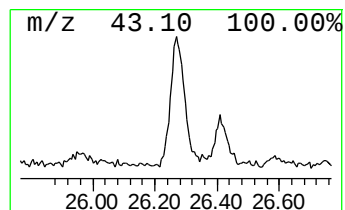
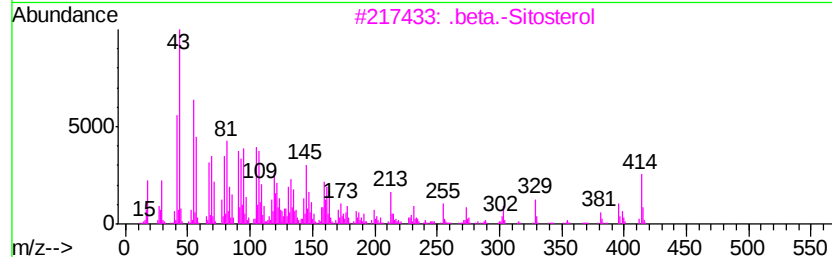
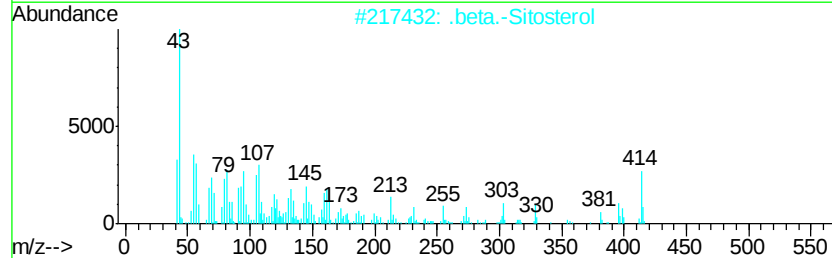
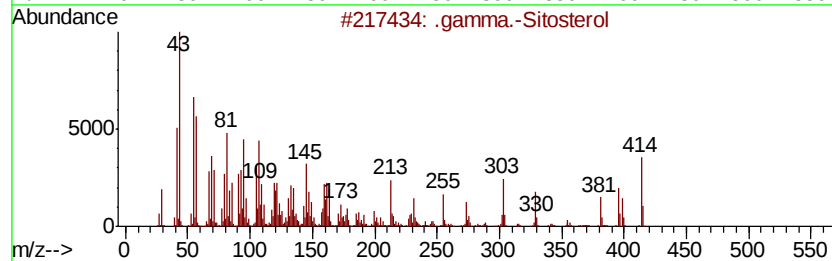
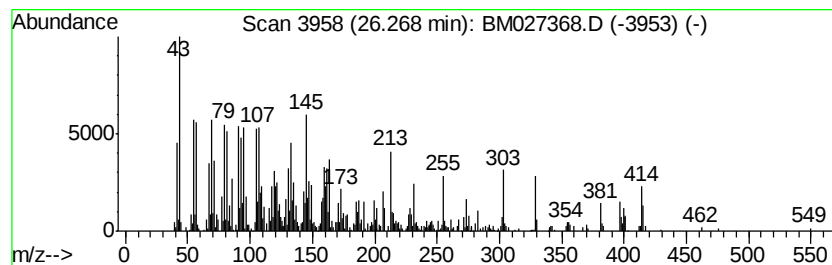
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.27	5.76 ng/ul	814478	Perylene-d12	23.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	gamma.-	Sitosterol	414	C29H50O	000083-47-6	99
2	.	beta.-	Sitosterol	414	C29H50O	000083-46-5	99
3	.	beta.-	Sitosterol	414	C29H50O	000083-46-5	96
4			Bufo-20,22-dienolide, 14,15-epox...	400	C24H32O5	004026-95-3	56
5			Ergost-7-en-3-ol	400	C28H48O	116179-22-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091020\
Data File : BM027368.D
Acq On : 10 Sep 2020 11:19
Operator : JU/CG
Sample : L3855-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW267

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	17.88	2.9	ng/ul	269319	4	16.96	1867010	20.0
Behenic alcohol	20.90	5.0	ng/ul	787553	5	21.16	3177350	20.0
Dichloroacetic ac...	21.78	4.8	ng/ul	760265	5	21.16	3177350	20.0
(DEL) Alkane: Str...	23.88	3.5	ng/ul	491671	6	23.33	2829050	20.0
(DEL) Alkane: Str...	25.56	4.4	ng/ul	622209	6	23.33	2829050	20.0
.gamma.-Sitosterol	26.27	5.8	ng/ul	814478	6	23.33	2829050	20.0