

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024755.D
 Acq On : 07 Feb 2020 10:42
 Operator : CG/JU
 Sample : L1399-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6F2

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-BM020620MA.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	3.016	18	22	28	rBV	43093	52670	1.02%	0.067%
2	3.710	136	140	145	rBV	31393	41736	0.81%	0.053%
3	3.934	174	178	184	rVB3	21456	32308	0.63%	0.041%
4	6.604	626	632	642	rVB	617902	965920	18.71%	1.235%
5	6.757	652	658	666	rBV	530300	822891	15.94%	1.052%
6	6.945	684	690	700	rBV	720698	1104909	21.40%	1.412%
7	7.404	762	768	778	rBV	934344	1475745	28.59%	1.886%
8	8.122	883	890	901	rBV	831366	1325033	25.67%	1.694%
9	8.545	955	962	973	rBV	658202	1049135	20.32%	1.341%
10	8.734	990	994	999	rBV2	42096	64191	1.24%	0.082%
11	9.039	1041	1046	1056	rVB	63653	93739	1.82%	0.120%
12	9.263	1075	1084	1092	rBV	578103	943994	18.29%	1.207%
13	9.798	1168	1175	1192	rBV	931028	1525036	29.54%	1.949%
14	10.163	1230	1237	1244	rBV	1269262	2089244	40.47%	2.670%
15	10.304	1255	1261	1278	rBV	757285	1368548	26.51%	1.749%
16	11.769	1506	1510	1515	rBV3	18417	28769	0.56%	0.037%
17	12.922	1697	1706	1709	rBV4	21376	34124	0.66%	0.044%
18	13.380	1779	1784	1789	rVB4	19337	30853	0.60%	0.039%
19	13.486	1796	1802	1807	rVV	1921386	2574280	49.87%	3.290%
20	13.533	1807	1810	1817	rVV	86434	121811	2.36%	0.156%
21	13.745	1838	1846	1860	rBV	2014177	2935114	56.86%	3.752%
22	14.010	1887	1891	1894	rBV	22939	30005	0.58%	0.038%
23	14.063	1894	1900	1906	rVV	2020836	2956204	57.26%	3.779%
24	14.121	1906	1910	1916	rVB	32355	48076	0.93%	0.061%
25	14.286	1931	1938	1952	rBV	553281	1018177	19.72%	1.301%
26	14.468	1965	1969	1974	rBV3	28494	47850	0.93%	0.061%
27	14.974	2050	2055	2059	rVB3	24316	32456	0.63%	0.041%
28	15.063	2059	2070	2076	rBV	2621279	3732678	72.31%	4.771%
29	15.115	2076	2079	2086	rVV	56545	84351	1.63%	0.108%
30	15.192	2086	2092	2105	rVV	805367	1122043	21.74%	1.434%
31	15.310	2105	2112	2118	rVB4	28141	47850	0.93%	0.061%
32	15.574	2152	2157	2162	rVB4	16698	33140	0.64%	0.042%
33	15.804	2189	2196	2199	rBV6	14097	30585	0.59%	0.039%
34	16.133	2242	2252	2257	rBV9	17208	44392	0.86%	0.057%

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35	16.180	2257	2260	2267	rVB6	19613	29503	0.57%	0.038%
36	16.474	2306	2310	2320	rVB3	29267	63889	1.24%	0.082%
37	16.562	2320	2325	2330	rBV5	21024	44948	0.87%	0.057%
38	16.633	2333	2337	2343	rVB	63087	81719	1.58%	0.104%
39	16.815	2362	2368	2372	rBV	2511433	3478938	67.39%	4.447%
40	16.857	2372	2375	2379	rVB	720474	899465	17.42%	1.150%
41	16.915	2379	2385	2390	rBV	2866956	3879631	75.15%	4.959%
42	17.227	2433	2438	2439	rBV	44510	52428	1.02%	0.067%
43	17.368	2460	2462	2465	rVV2	28893	29660	0.57%	0.038%
44	17.398	2465	2467	2478	rVB3	27322	47662	0.92%	0.061%
45	17.545	2488	2492	2496	rVB5	20352	29865	0.58%	0.038%
46	17.692	2512	2517	2521	rBV	130486	181417	3.51%	0.232%
47	17.745	2521	2526	2535	rVB	169681	265121	5.14%	0.339%
48	17.821	2535	2539	2544	rBV	75736	107633	2.08%	0.138%
49	17.880	2544	2549	2554	rVV2	171230	305039	5.91%	0.390%
50	17.921	2554	2556	2562	rVB	93200	119878	2.32%	0.153%
51	18.062	2576	2580	2583	rVB4	29906	34959	0.68%	0.045%
52	18.203	2599	2604	2607	rVV2	116944	170519	3.30%	0.218%
53	18.239	2607	2610	2616	rVB2	56396	86199	1.67%	0.110%
54	18.456	2644	2647	2651	rBV2	35199	43308	0.84%	0.055%
55	18.503	2652	2655	2659	rVV	38010	51580	1.00%	0.066%
56	18.545	2659	2662	2666	rVB	33004	42718	0.83%	0.055%
57	18.627	2671	2676	2681	rBV	116324	182760	3.54%	0.234%
58	18.686	2681	2686	2688	rBV3	51820	83676	1.62%	0.107%
59	18.768	2695	2700	2707	rVB4	70099	154879	3.00%	0.198%
60	18.886	2715	2720	2729	rVB	1462908	1914240	37.08%	2.447%
61	18.968	2730	2734	2736	rBV2	33841	43519	0.84%	0.056%
62	19.039	2743	2746	2751	rVB	35590	50294	0.97%	0.064%
63	19.098	2751	2756	2760	rBV4	39078	85953	1.67%	0.110%
64	19.221	2771	2777	2780	rBV	3717703	5084972	98.50%	6.500%
65	19.250	2780	2782	2787	rVV	1328524	1503497	29.12%	1.922%
66	19.292	2787	2789	2792	rVV2	73509	84638	1.64%	0.108%
67	19.327	2792	2795	2803	rVB2	64625	130565	2.53%	0.167%
68	19.439	2810	2814	2817	rBV	81835	105054	2.04%	0.134%
69	19.598	2833	2841	2846	rBV3	125274	300937	5.83%	0.385%
70	19.727	2858	2863	2864	rBV2	98558	137179	2.66%	0.175%
71	19.756	2865	2868	2872	rVB	179985	238079	4.61%	0.304%

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72	19.833	2878	2881	2883	rBV	60928	67112	1.30%	0.086%
73	19.862	2883	2886	2889	rVB	79560	95275	1.85%	0.122%
74	19.915	2890	2895	2900	rBV2	174434	255166	4.94%	0.326%
75	20.056	2915	2919	2923	rBV	116389	139694	2.71%	0.179%
76	20.098	2923	2926	2931	rBV2	96087	141054	2.73%	0.180%
77	20.333	2964	2966	2969	rBV2	47720	39318	0.76%	0.050%
78	20.509	2993	2996	3004	rVB	143130	220594	4.27%	0.282%
79	20.674	3021	3024	3028	rVB2	91391	133970	2.60%	0.171%
80	20.715	3028	3031	3034	rBV	120890	136076	2.64%	0.174%
81	20.750	3034	3037	3039	rVV	98425	103195	2.00%	0.132%
82	20.786	3039	3043	3055	rVB4	699619	1208278	23.41%	1.544%
83	20.992	3074	3078	3079	rBV	239732	287739	5.57%	0.368%
84	21.027	3079	3084	3088	rVV2	3316334	5162335	100.00%	6.598%
85	21.062	3088	3090	3099	rVB	752508	997522	19.32%	1.275%
86	21.239	3117	3120	3124	rBV	216787	222900	4.32%	0.285%
87	21.568	3174	3176	3180	rVB	184692	200821	3.89%	0.257%
88	21.656	3188	3191	3203	rBV5	498966	750351	14.54%	0.959%
89	22.091	3262	3265	3271	rVB	399572	463029	8.97%	0.592%
90	22.303	3298	3301	3308	rVB2	394066	509956	9.88%	0.652%
91	22.521	3333	3338	3342	rBV	710471	1447510	28.04%	1.850%
92	22.568	3342	3346	3349	rVV2	1315041	1975677	38.27%	2.525%
93	22.603	3349	3352	3360	rVB2	975934	1483265	28.73%	1.896%
94	22.956	3409	3412	3415	rBV	318771	438291	8.49%	0.560%
95	23.003	3415	3420	3425	rVV	2426664	3813098	73.86%	4.874%
96	23.097	3432	3436	3438	rBV	436088	622298	12.05%	0.795%
97	23.138	3438	3443	3449	rVB	2173790	3512510	68.04%	4.490%
98	23.691	3532	3537	3543	rVB	1549154	2534626	49.10%	3.240%
99	23.762	3544	3549	3557	rBV	586677	1101827	21.34%	1.408%
100	25.180	3784	3790	3800	rVB2	787031	2118601	41.04%	2.708%

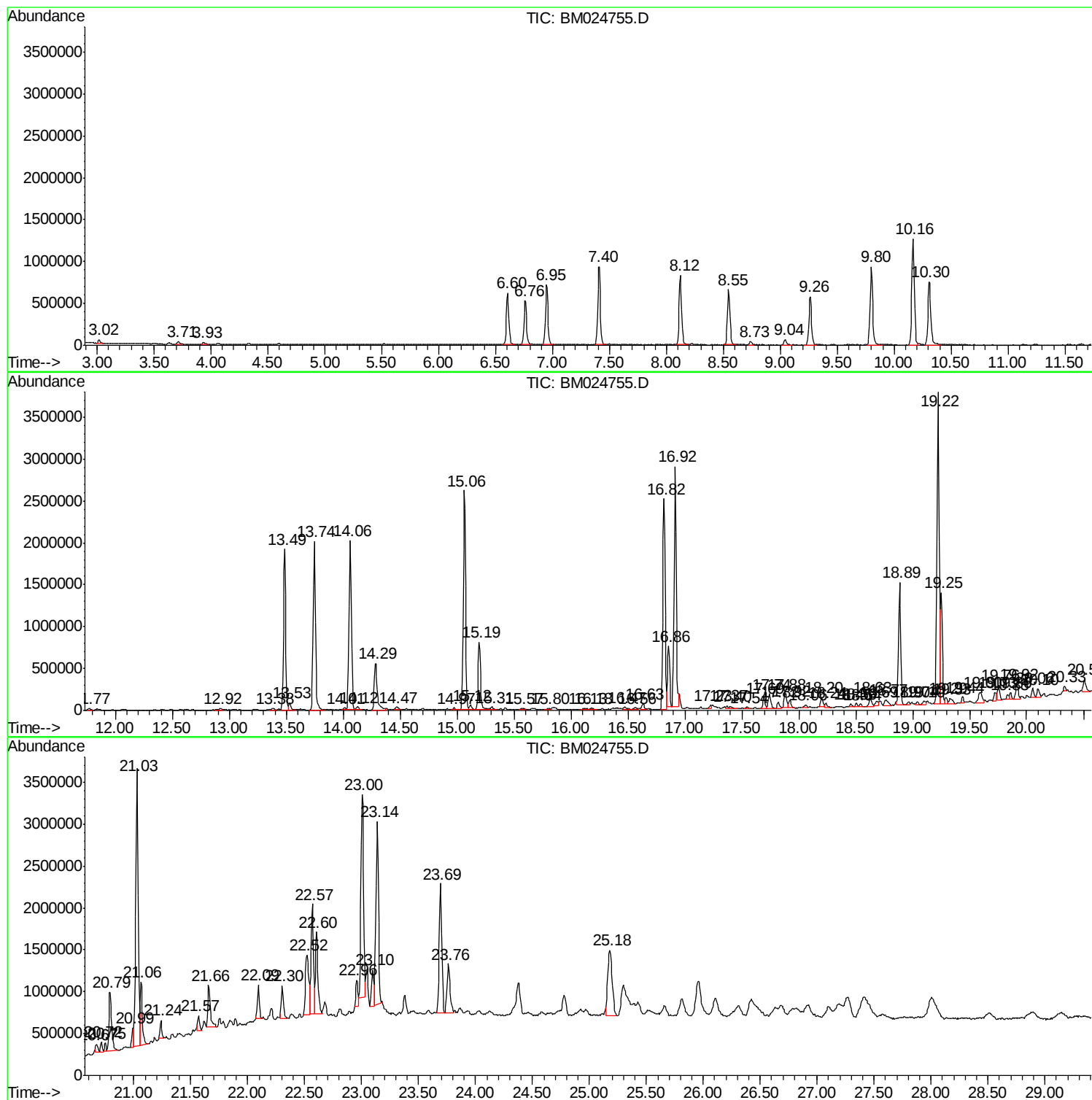
Sum of corrected areas: 78236266

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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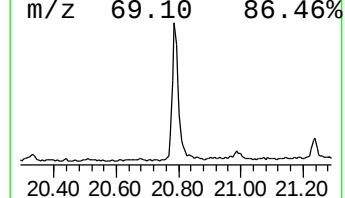
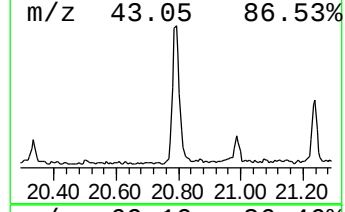
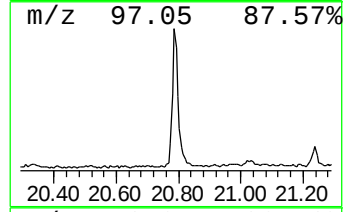
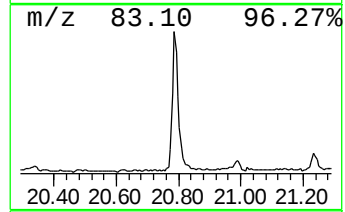
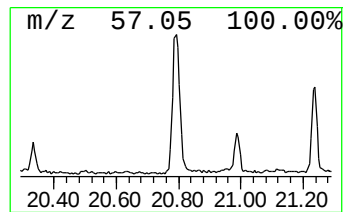
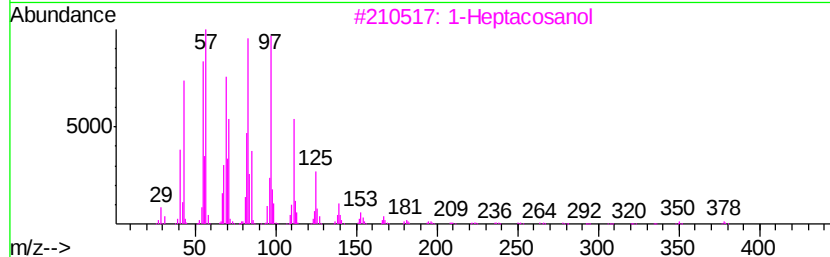
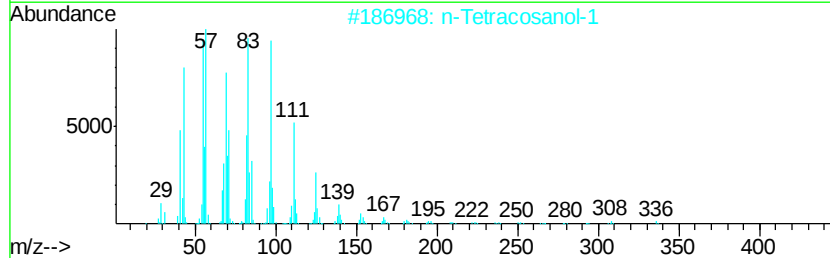
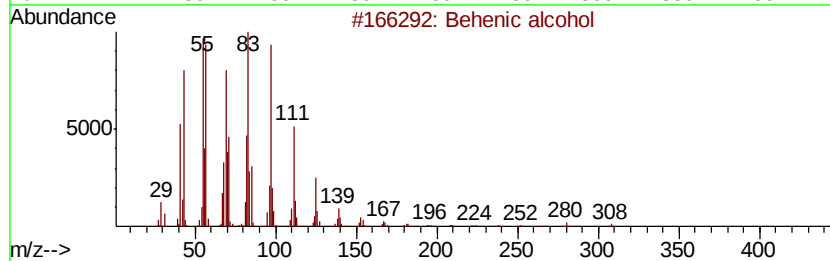
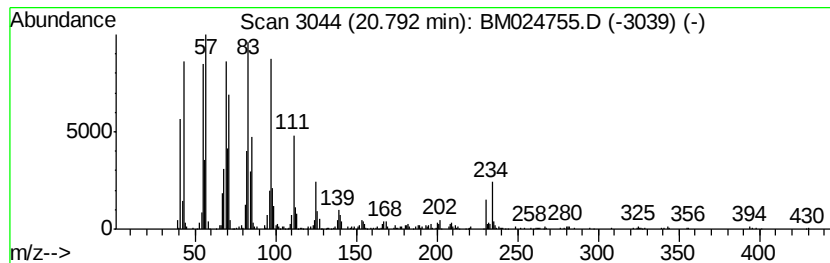
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.79	4.68 ng/ul	1208280	Chrysene-d12	21.03		
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		1-Heptacosanol	396	C27H56O	002004-39-9	93
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



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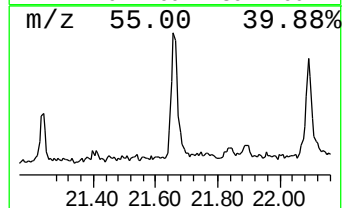
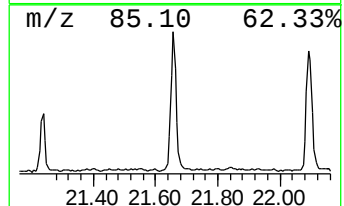
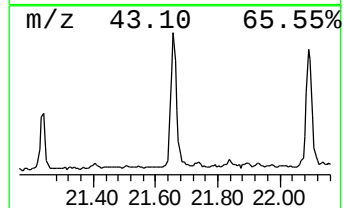
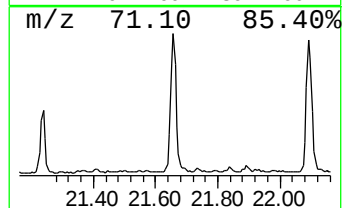
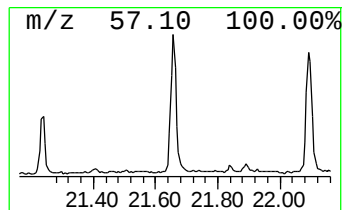
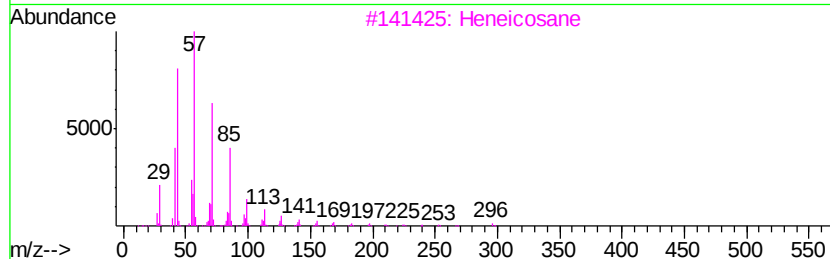
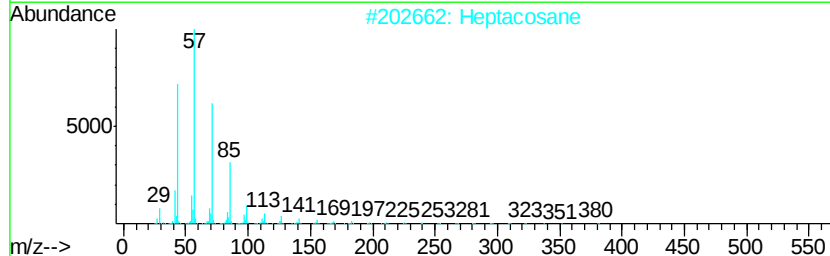
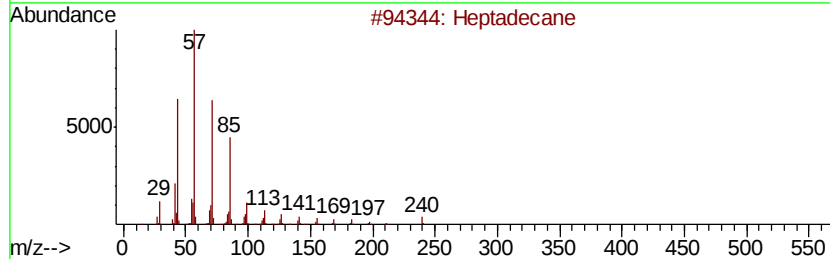
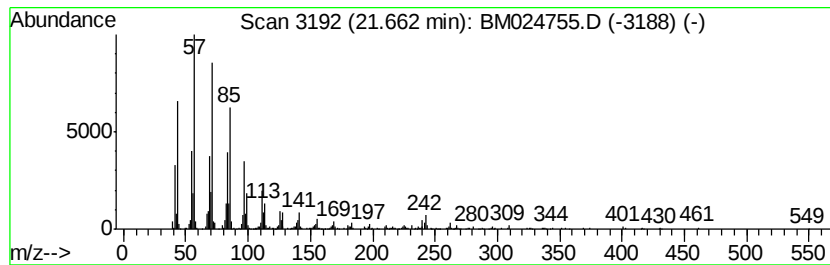
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.91 ng/ul	750351	Chrysene-d12	21.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Heptacosane	380	C27H56	000593-49-7	95
3			Heneicosane	296	C21H44	000629-94-7	94
4			3-Eicosene, (E)-	280	C20H40	074685-33-9	92
5			Tetratetracontane	619	C44H90	007098-22-8	90



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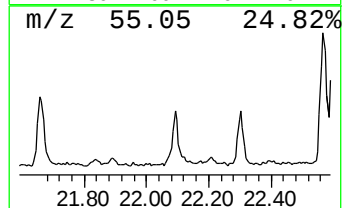
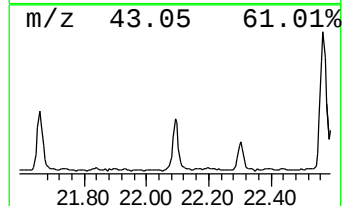
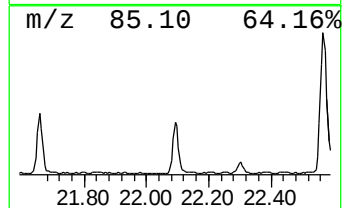
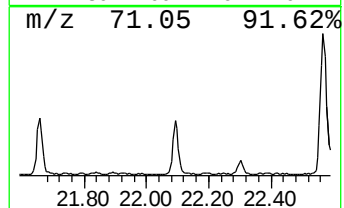
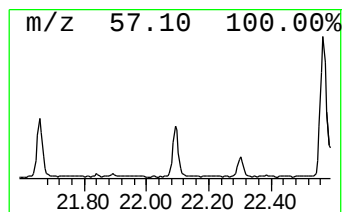
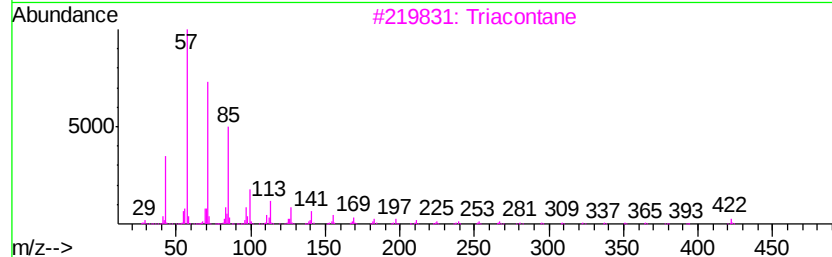
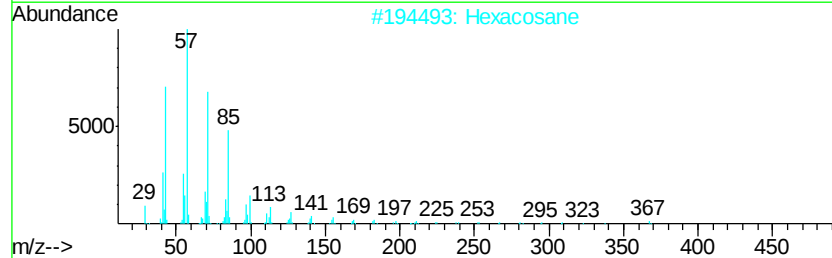
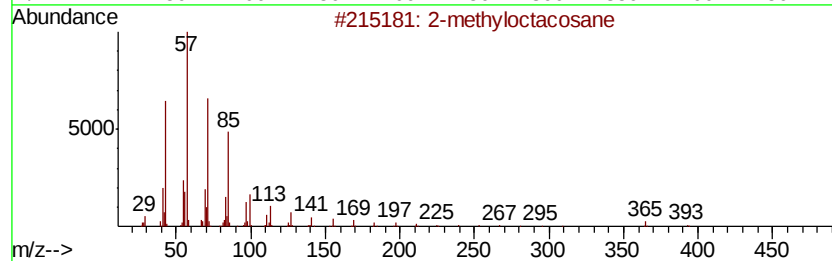
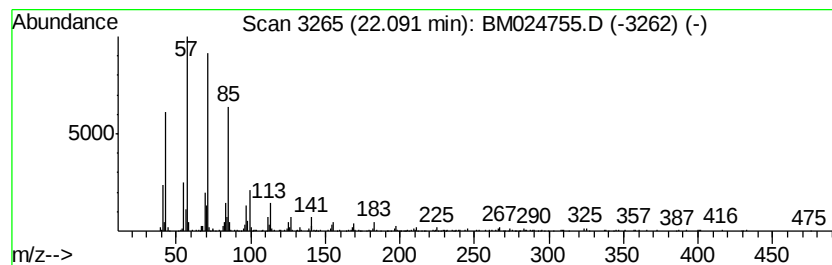
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	2.64 ng/ul	463029	Perylene-d12	23.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			triacontane	422	C30H62	000638-68-6	91
4			Tricosane, 2-methyl-	338	C24H50	001928-30-9	89
5			Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
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Acq On : 07 Feb 2020 10:42
Operator : CG/JU
Sample : L1399-01
Misc :
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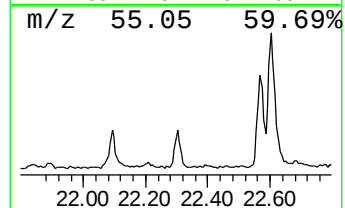
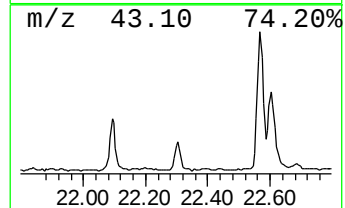
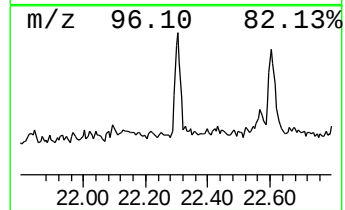
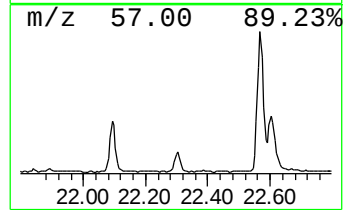
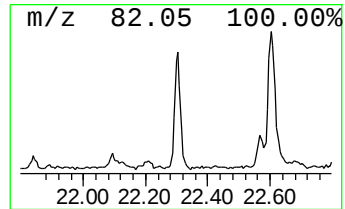
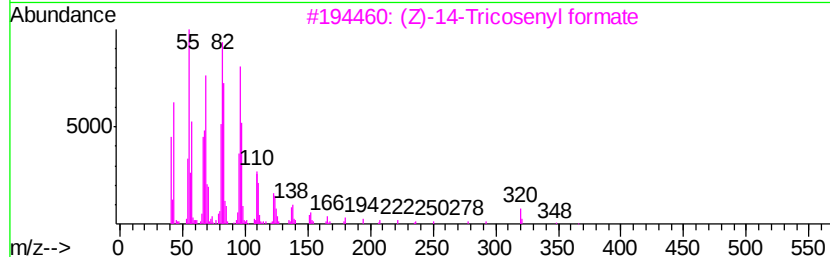
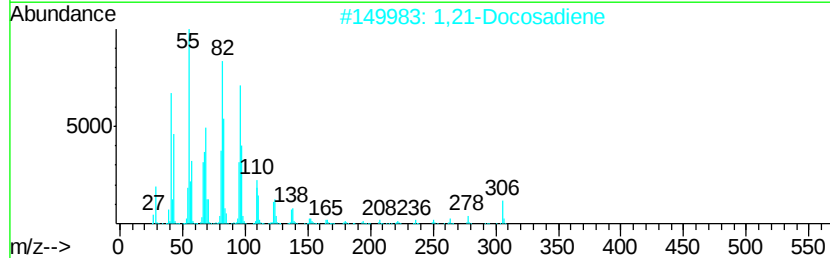
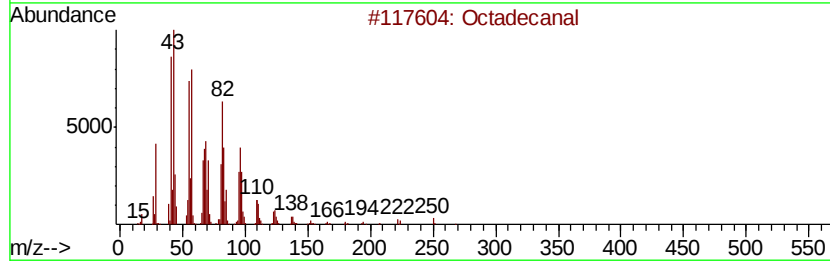
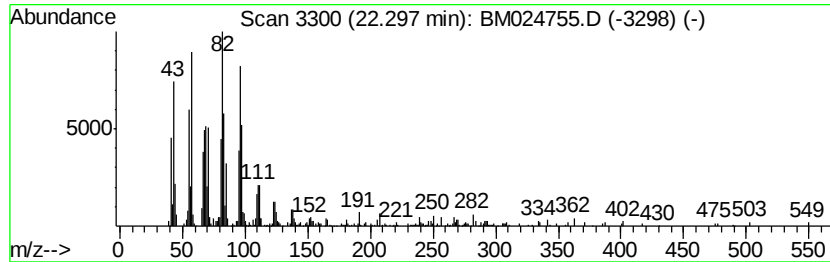
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.30	2.90 ng/ul	509956	Perylene-d12	23.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	95
2	1,21-Docosadiene	306	C22H42	053057-53-7	94
3	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	94
4	16-Octadecenal	266	C18H34O	056554-87-1	94
5	17-Octadecenal	266	C18H34O	056554-86-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024755.D
Acq On : 07 Feb 2020 10:42
Operator : CG/JU
Sample : L1399-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6F2

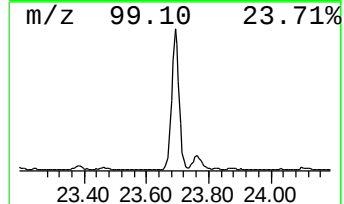
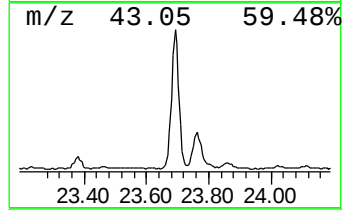
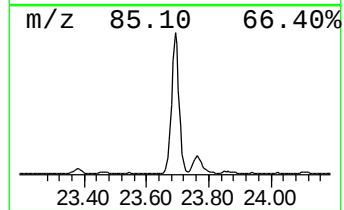
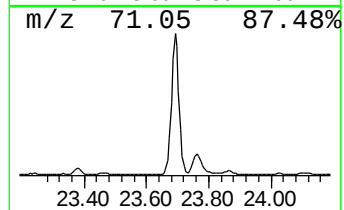
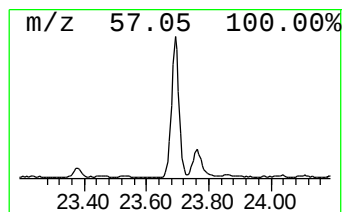
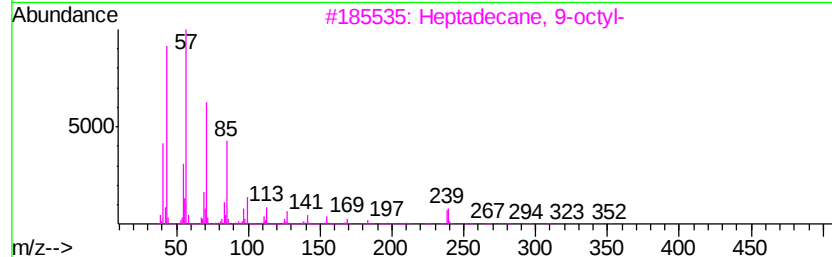
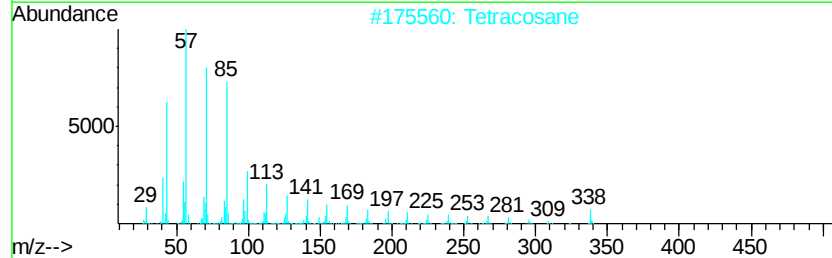
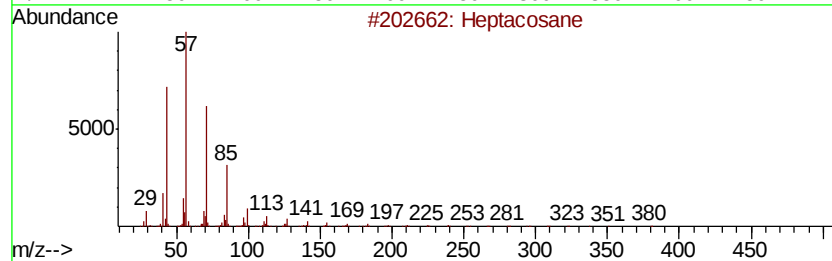
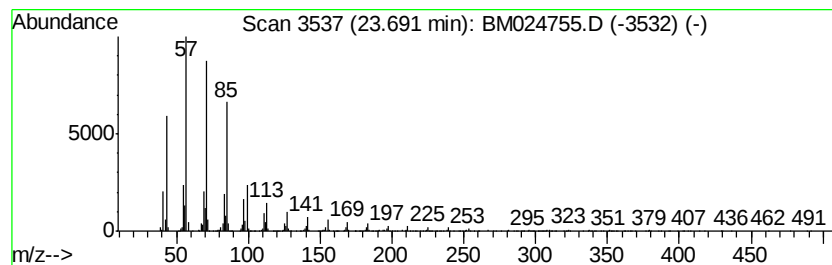
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	14.43 ng/ul	2534630	Perylene-d12	23.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	98
2		Tetracosane	338	C24H50	000646-31-1	94
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024755.D
Acq On : 07 Feb 2020 10:42
Operator : CG/JU
Sample : L1399-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

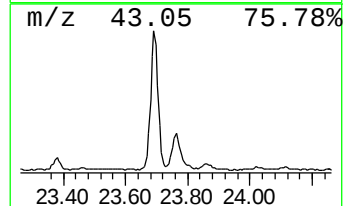
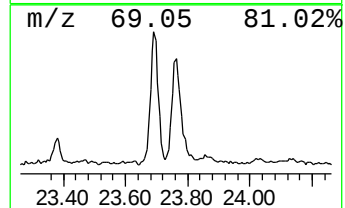
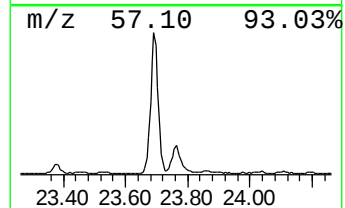
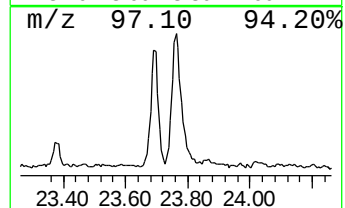
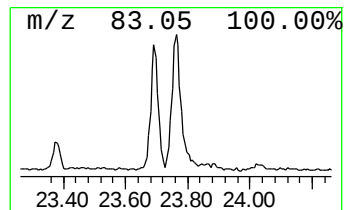
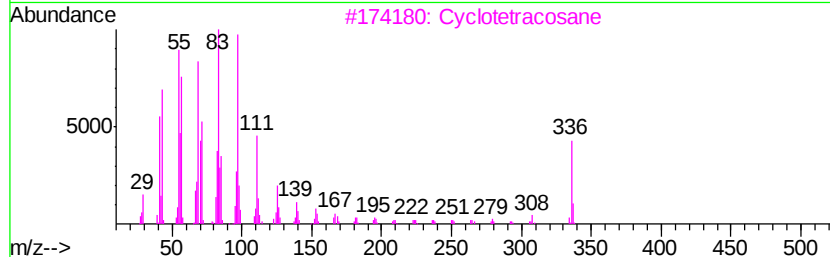
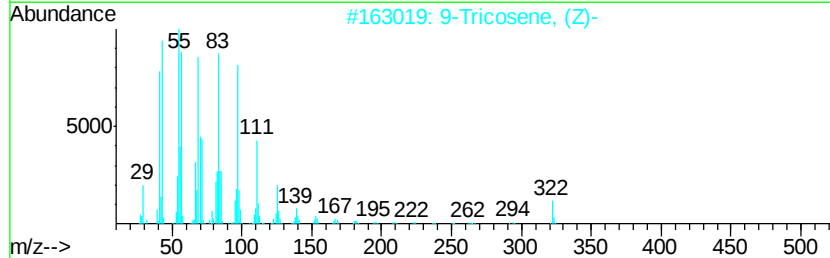
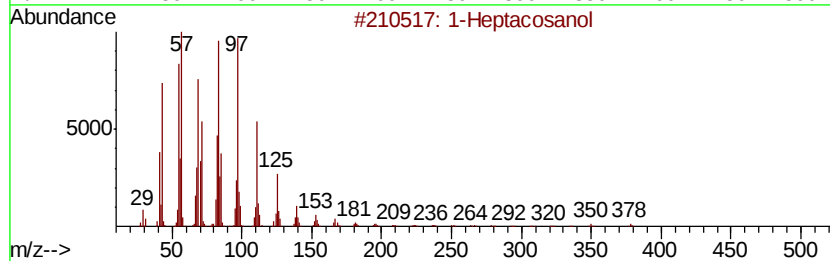
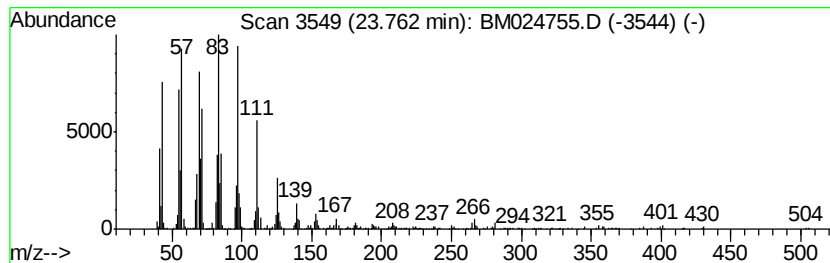
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	6.27 ng/ul	1101830	Perylene-d12	23.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol	396 C27H56O	002004-39-9	95
2	9-Tricosene, (Z)-	322 C23H46	027519-02-4	93
3	Cyclotetracosane	336 C24H48	000297-03-0	93
4	Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8	93
5	Behenic alcohol	326 C22H46O	000661-19-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
Data File : BM024755.D
Acq On : 07 Feb 2020 10:42
Operator : CG/JU
Sample : L1399-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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
Behenic alcohol	20.79	4.7	ng/ul	1208280	5	21.03	5162340	20.0
(DEL) Alkane: Str...	21.66	2.9	ng/ul	750351	5	21.03	5162340	20.0
(DEL) Alkane: Str...	22.09	2.6	ng/ul	463029	6	23.14	3512510	20.0
Octadecanal	22.30	2.9	ng/ul	509956	6	23.14	3512510	20.0
(DEL) Alkane: Str...	23.69	14.4	ng/ul	2534630	6	23.14	3512510	20.0
1-Heptacosanol	23.76	6.3	ng/ul	1101830	6	23.14	3512510	20.0