

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004653.D
 Acq On : 08 Mar 2019 00:45
 Operator : JU/SJ
 Sample : K1657-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB648

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_N\METHODS\SOM-EPA-BN030719MA.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	3.228	37	41	45	rBV	4935	5753	0.66%	0.063%
2	3.740	125	128	134	rVB	2481	2827	0.32%	0.031%
3	3.946	160	163	168	rVB	3705	5140	0.59%	0.057%
4	6.881	657	662	671	rBB	59173	92779	10.65%	1.021%
5	7.063	687	693	702	rBB	47231	73158	8.40%	0.805%
6	7.252	719	725	731	rBB	65861	96951	11.13%	1.067%
7	7.722	799	805	811	rBB	104784	159658	18.32%	1.758%
8	8.416	917	923	929	rBB	78943	117695	13.51%	1.296%
9	8.881	996	1002	1008	rBB	61822	96188	11.04%	1.059%
10	9.599	1118	1124	1129	rBB	51611	78483	9.01%	0.864%
11	10.122	1207	1213	1220	rBB	88351	136703	15.69%	1.505%
12	10.504	1272	1278	1285	rBV	161889	266534	30.59%	2.934%
13	10.651	1298	1303	1308	rBB	14383	22252	2.55%	0.245%
14	13.240	1739	1743	1747	rBB	8560	11379	1.31%	0.125%
15	13.769	1828	1833	1838	rBV	188138	245913	28.22%	2.707%
16	13.816	1838	1841	1846	rVB	32970	40641	4.66%	0.447%
17	14.057	1875	1882	1890	rBB	193713	287235	32.97%	3.162%
18	14.363	1928	1934	1940	rBB2	256590	385191	44.21%	4.241%
19	14.557	1963	1967	1974	rBB	64250	88084	10.11%	0.970%
20	15.357	2097	2103	2109	rBB	265860	377358	43.31%	4.154%
21	15.475	2119	2123	2128	rBB	78178	98523	11.31%	1.085%
22	16.416	2277	2283	2285	rBV	4129	5917	0.68%	0.065%
23	16.481	2285	2294	2301	rVV5	7703	31653	3.63%	0.348%
24	16.533	2301	2303	2308	rVB3	4476	6134	0.70%	0.068%
25	16.763	2339	2342	2346	rBB	3363	3730	0.43%	0.041%
26	16.822	2349	2352	2356	rBV2	17379	19291	2.21%	0.212%
27	17.110	2395	2401	2405	rBV	360359	494035	56.70%	5.439%
28	17.151	2405	2408	2412	rVB	55692	66708	7.66%	0.734%
29	17.210	2412	2418	2423	rBV	296779	418590	48.04%	4.608%
30	17.516	2466	2470	2475	rVB	5193	6287	0.72%	0.069%
31	17.992	2545	2551	2555	rBV2	103795	134881	15.48%	1.485%
32	18.028	2555	2557	2562	rVV	17302	23206	2.66%	0.255%
33	18.069	2562	2564	2567	rVV2	3022	3331	0.38%	0.037%
34	18.110	2567	2571	2574	rVB	3027	3863	0.44%	0.043%

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35	18.175	2577	2582	2586	rBV2	9573	16863	1.94%	0.186%
36	18.216	2586	2589	2593	rVB	6111	7383	0.85%	0.081%
37	18.286	2597	2601	2604	rBB	3514	3791	0.44%	0.042%
38	18.486	2632	2635	2639	rBB	5629	6680	0.77%	0.074%
39	18.533	2639	2643	2648	rBB2	5290	7341	0.84%	0.081%
40	18.733	2673	2677	2681	rVV	1430	2154	0.25%	0.024%
41	18.857	2694	2698	2703	rVV	37613	52074	5.98%	0.573%
42	18.922	2703	2709	2712	rVV3	8391	19790	2.27%	0.218%
43	18.951	2712	2714	2720	rVV4	4253	6958	0.80%	0.077%
44	19.051	2727	2731	2735	rBV2	7457	9453	1.08%	0.104%
45	19.174	2743	2752	2757	rBV	145479	203954	23.41%	2.245%
46	19.280	2765	2770	2776	rBV	61041	81146	9.31%	0.893%
47	19.410	2788	2792	2797	rVB2	3121	6882	0.79%	0.076%
48	19.510	2803	2809	2812	rVV	420051	578259	66.37%	6.366%
49	19.539	2812	2814	2821	rVB	119121	130024	14.92%	1.431%
50	19.610	2822	2826	2829	rBV2	3910	5368	0.62%	0.059%
51	19.716	2838	2844	2851	rVB3	5955	10827	1.24%	0.119%
52	19.780	2851	2855	2857	rBV3	2939	3429	0.39%	0.038%
53	19.857	2863	2868	2876	rBV4	7426	17753	2.04%	0.195%
54	20.039	2887	2899	2904	rBV4	16542	48025	5.51%	0.529%
55	20.133	2912	2915	2919	rVB	3223	3468	0.40%	0.038%
56	20.192	2919	2925	2928	rBV2	10350	17770	2.04%	0.196%
57	20.227	2928	2931	2935	rVB3	3438	5091	0.58%	0.056%
58	20.269	2935	2938	2940	rBV3	1997	2037	0.23%	0.022%
59	20.298	2940	2943	2946	rVB2	2200	2267	0.26%	0.025%
60	20.333	2946	2949	2952	rBV	6705	8597	0.99%	0.095%
61	20.380	2952	2957	2960	rVB4	8735	12036	1.38%	0.133%
62	20.480	2971	2974	2975	rBV3	2715	2696	0.31%	0.030%
63	20.539	2979	2984	2989	rBV2	7984	10856	1.25%	0.120%
64	20.704	3008	3012	3013	rBV3	2091	2040	0.23%	0.022%
65	20.786	3021	3026	3030	rVB	17318	22171	2.54%	0.244%
66	20.863	3038	3039	3042	rBV2	1789	2025	0.23%	0.022%
67	20.951	3047	3054	3057	rBV2	10353	19154	2.20%	0.211%
68	21.004	3057	3063	3073	rVV4	106403	173295	19.89%	1.908%
69	21.080	3073	3076	3082	rVB2	21002	26752	3.07%	0.295%
70	21.210	3091	3098	3103	rBV5	6757	10352	1.19%	0.114%
71	21.263	3103	3107	3108	rBV2	6244	7090	0.81%	0.078%

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72	21.304	3108	3114	3119	rVV	589622	871328	100.00%	9.592%
73	21.345	3119	3121	3128	rVB	69500	71696	8.23%	0.789%
74	21.445	3134	3138	3147	rBV2	24772	35597	4.09%	0.392%
75	21.516	3147	3150	3151	rVV2	5472	5491	0.63%	0.060%
76	21.539	3151	3154	3158	rVV	23578	28532	3.27%	0.314%
77	21.574	3158	3160	3163	rVV2	3456	4752	0.55%	0.052%
78	21.621	3164	3168	3172	rVB3	8595	13391	1.54%	0.147%
79	21.669	3172	3176	3180	rBV5	3860	5112	0.59%	0.056%
80	21.798	3196	3198	3201	rVB3	5181	5639	0.65%	0.062%
81	21.874	3201	3211	3215	rBV2	41285	74702	8.57%	0.822%
82	22.057	3238	3242	3245	rBV	8167	10977	1.26%	0.121%
83	22.339	3285	3290	3297	rBV	67304	92995	10.67%	1.024%
84	22.468	3308	3312	3320	rVB	25606	35058	4.02%	0.386%
85	22.610	3333	3336	3338	rBV2	4574	5842	0.67%	0.064%
86	22.851	3371	3377	3379	rBV	73527	114054	13.09%	1.256%
87	22.886	3379	3383	3388	rVB	39118	79692	9.15%	0.877%
88	23.057	3407	3412	3418	rVB2	12203	18756	2.15%	0.206%
89	23.192	3431	3435	3442	rBV4	5243	11910	1.37%	0.131%
90	23.368	3459	3465	3468	rBV	38503	68978	7.92%	0.759%
91	23.421	3468	3474	3479	rVV2	392465	720257	82.66%	7.929%
92	23.463	3479	3481	3489	rVB	50897	79578	9.13%	0.876%
93	23.568	3490	3499	3505	rBV	389451	756828	86.86%	8.332%
94	24.062	3576	3583	3593	rBV	80724	152224	17.47%	1.676%
95	24.157	3595	3599	3607	rVV3	13041	25188	2.89%	0.277%
96	24.815	3703	3711	3719	rBV	48434	111888	12.84%	1.232%
97	25.686	3851	3859	3867	rBV	29456	74815	8.59%	0.824%
98	25.839	3877	3885	3897	rVB2	26913	77272	8.87%	0.851%
99	26.539	3997	4004	4012	rBV2	13302	37976	4.36%	0.418%
100	26.715	4030	4034	4043	rVB2	16186	41072	4.71%	0.452%

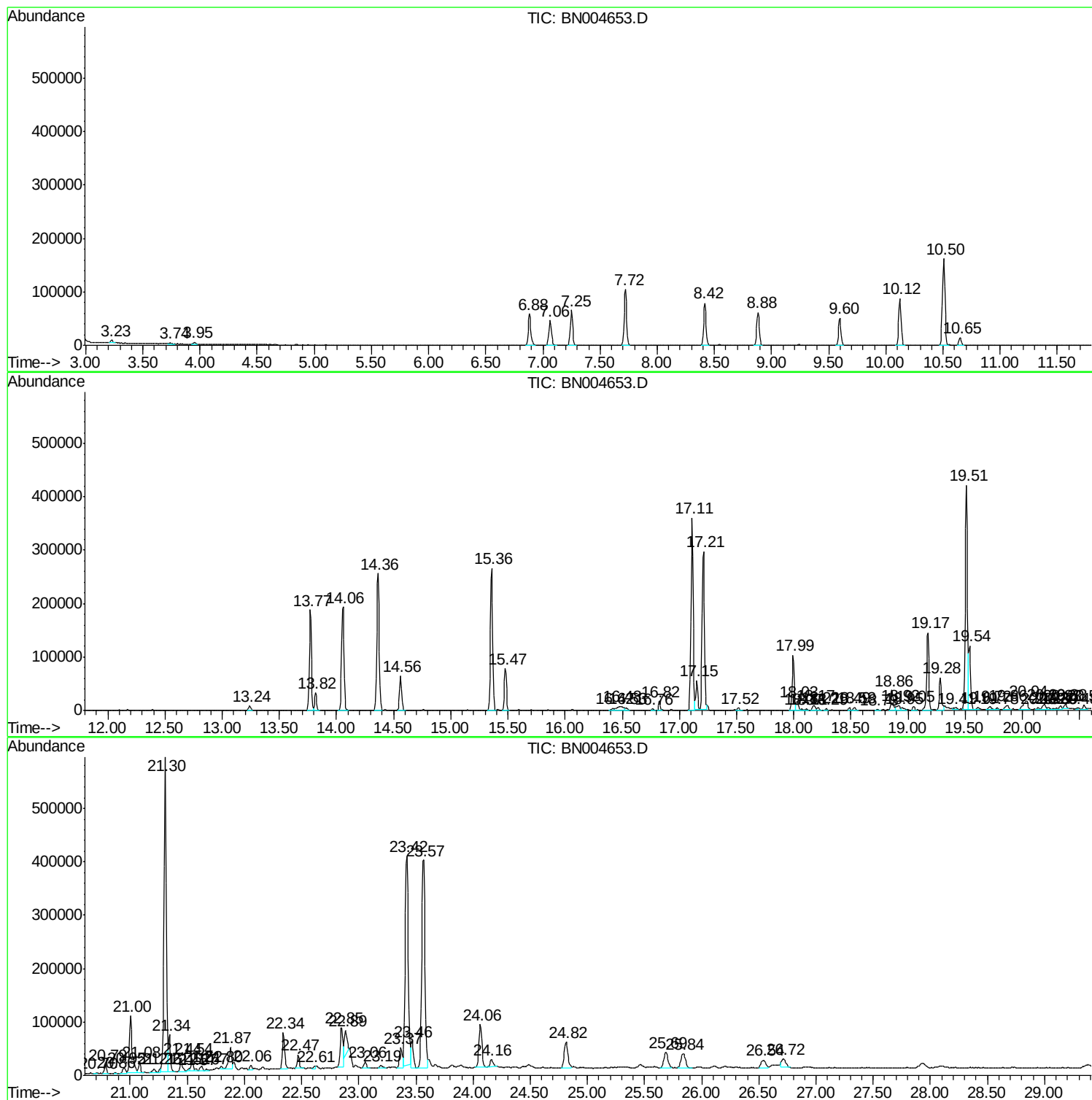
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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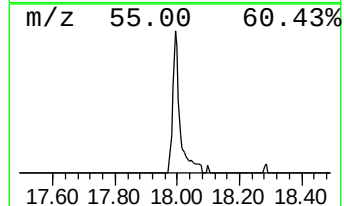
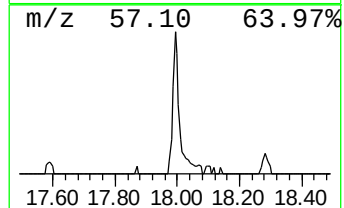
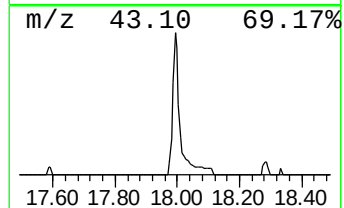
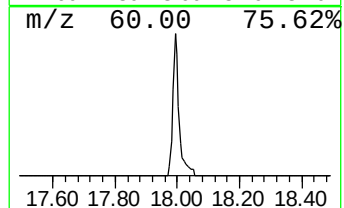
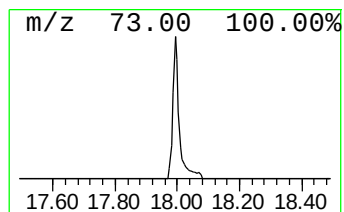
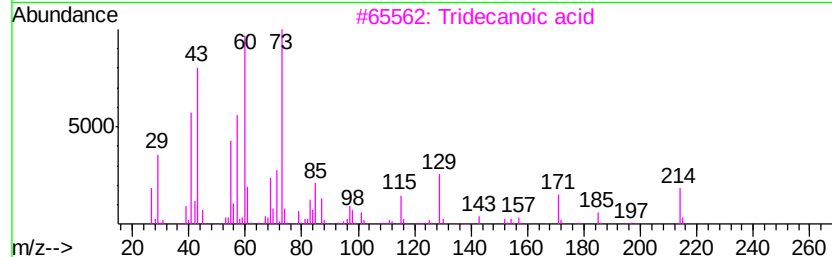
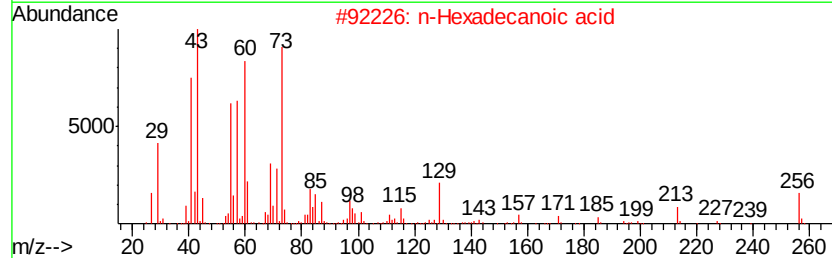
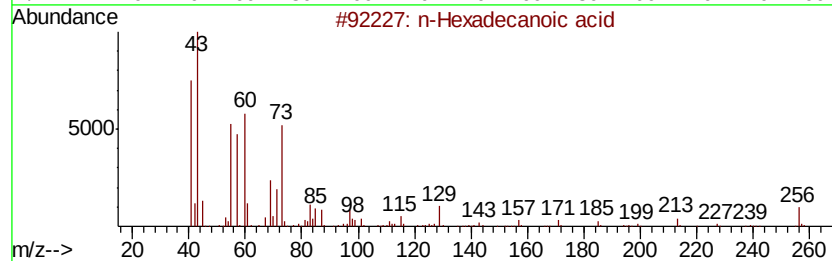
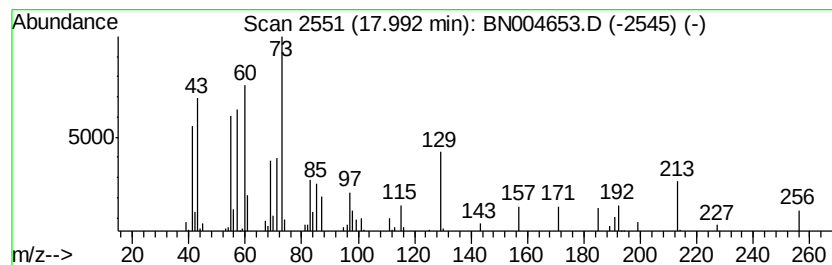
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.99	5.46 ng/ul	134881	Phenanthrene-d10	17.11		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	



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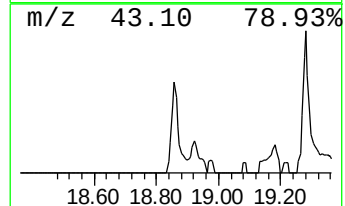
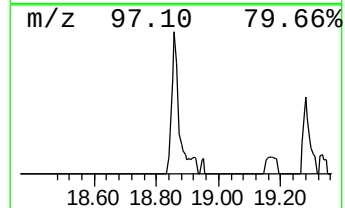
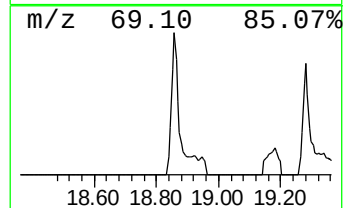
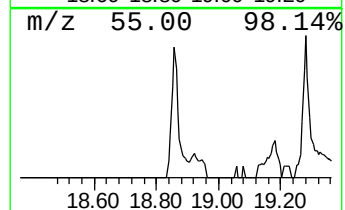
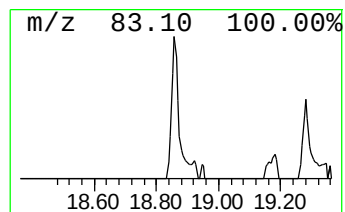
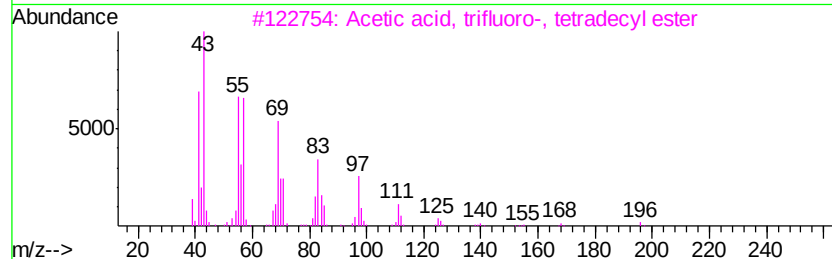
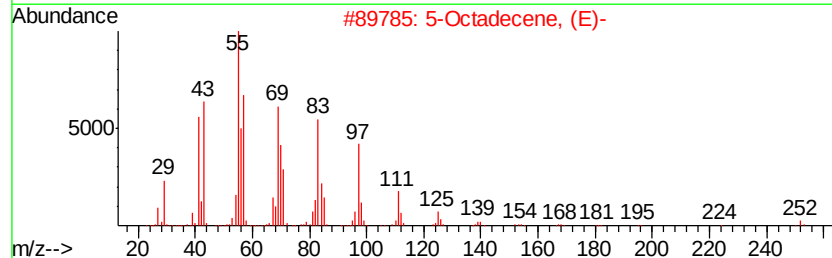
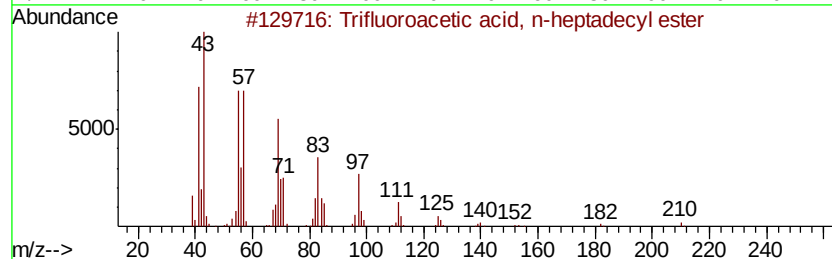
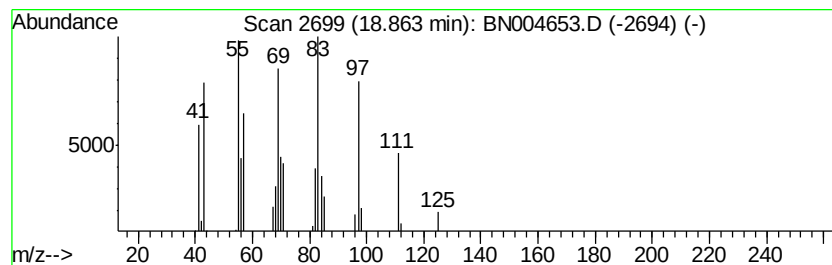
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Trifluoroacetic acid, n-hep... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.11 ng/ul	52074	Phenanthrene-d10	17.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	90
3		Acetic acid, trifluoro-, tetradec...	310	C16H29F3O2	006222-02-2	83
4		Heptafluorobutyric acid, n-tridec...	396	C17H27F7O2	1000216-78-9	64
5		Pentafluoropropionic acid, tride...	346	C16H27F5O2	1000280-07-3	59



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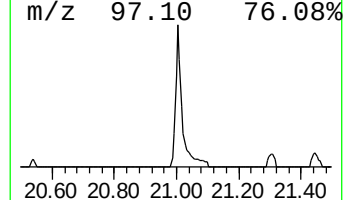
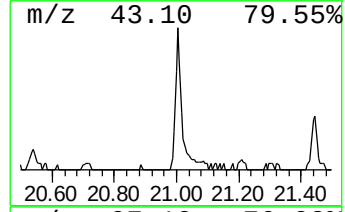
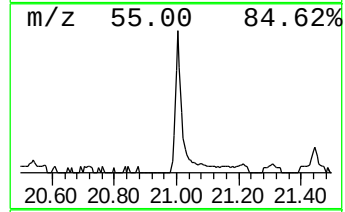
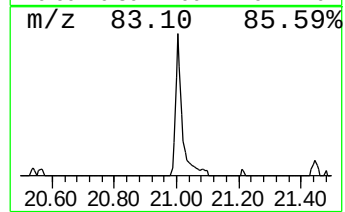
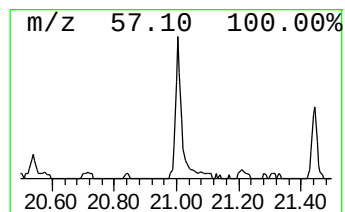
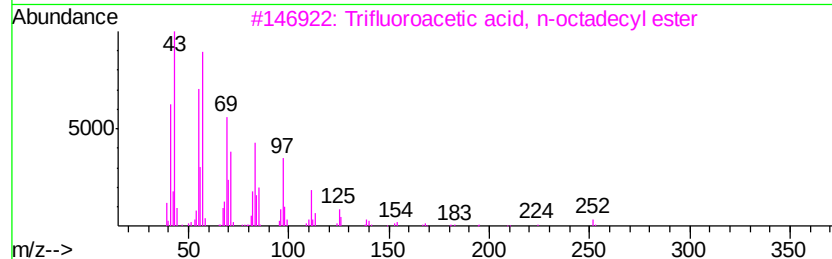
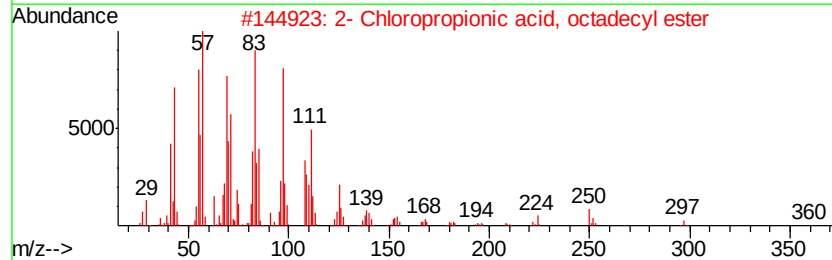
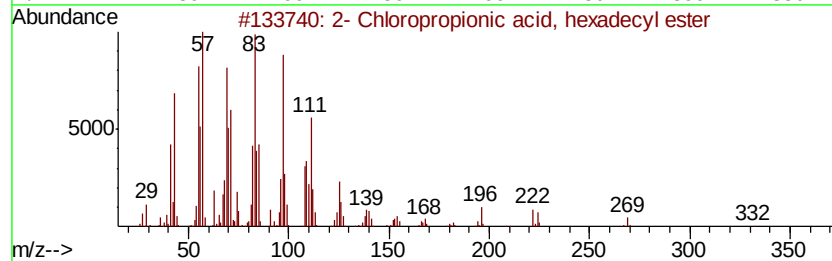
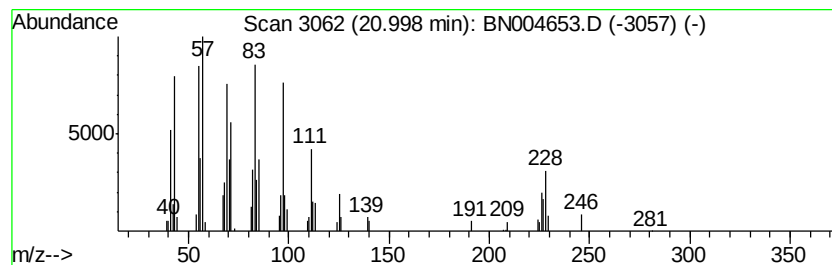
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Peak Number 3 2- Chloropropionic acid, he... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.98 ng/ul	173295	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91



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Data File : BN004653.D
Acq On : 08 Mar 2019 00:45
Operator : JU/SJ
Sample : K1657-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB648

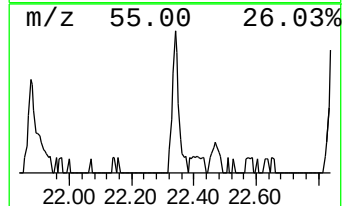
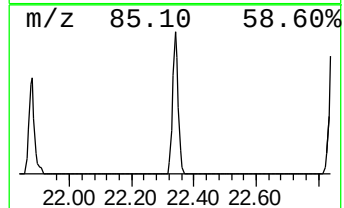
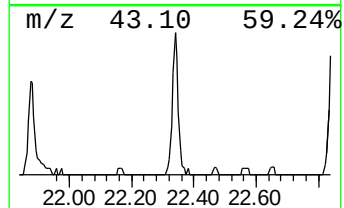
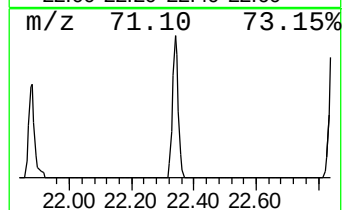
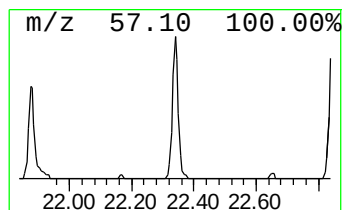
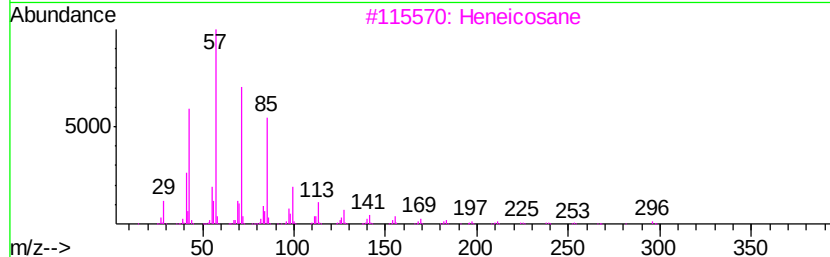
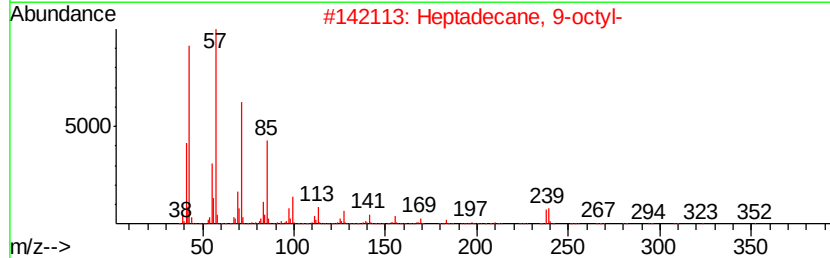
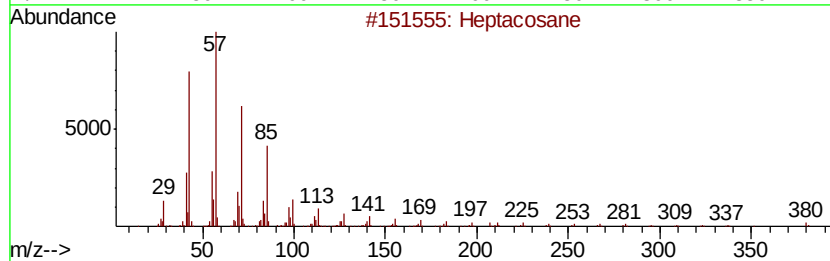
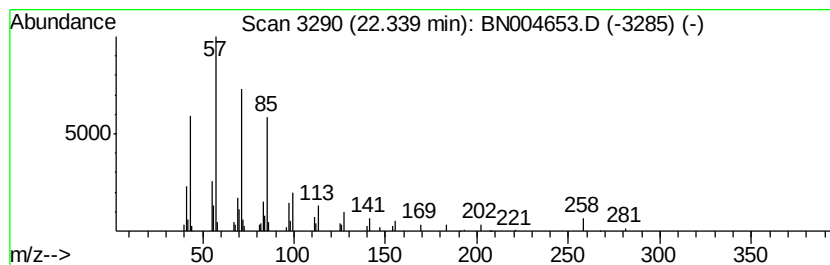
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.13 ng/ul	92995	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004653.D
Acq On : 08 Mar 2019 00:45
Operator : JU/SJ
Sample : K1657-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB648

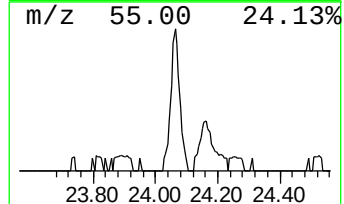
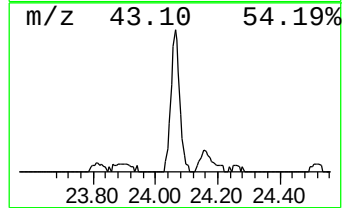
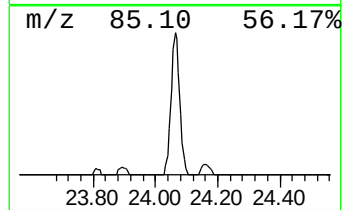
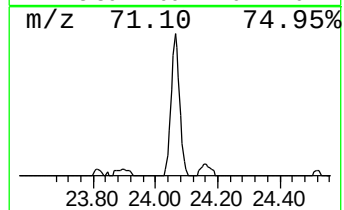
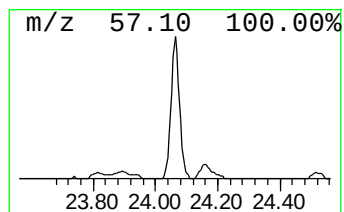
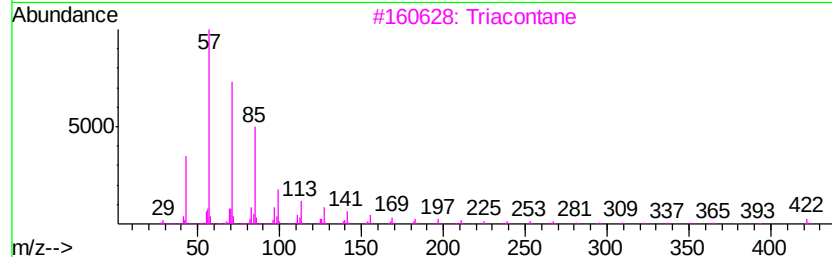
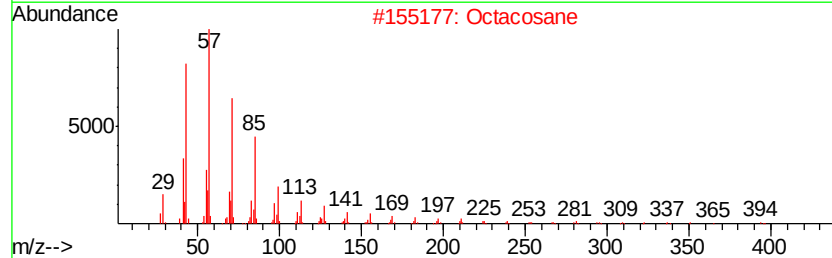
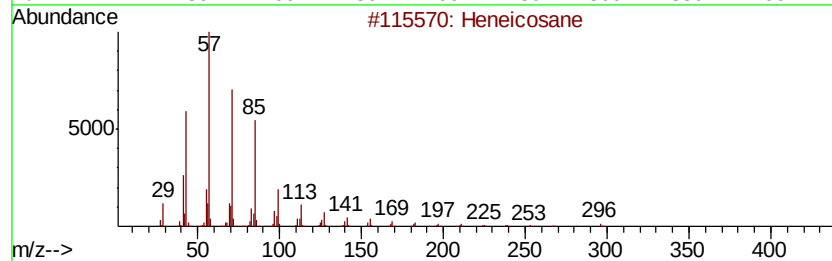
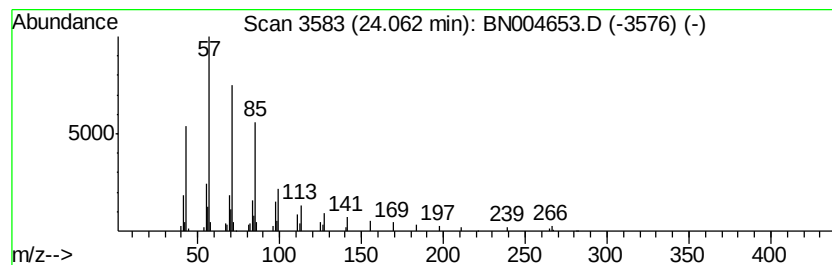
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	4.02 ng/ul	152224	Perylene-d12	23.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Triacontane		422	C30H62	000638-68-6	91
4	Tetratriacontane		479	C34H70	014167-59-0	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004653.D
Acq On : 08 Mar 2019 00:45
Operator : JU/SJ
Sample : K1657-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB648

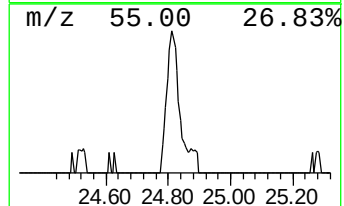
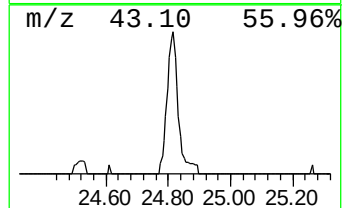
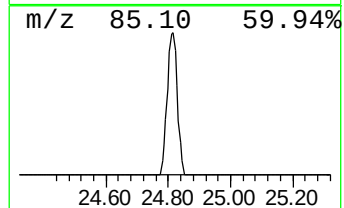
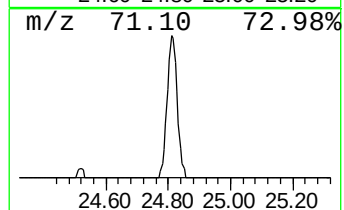
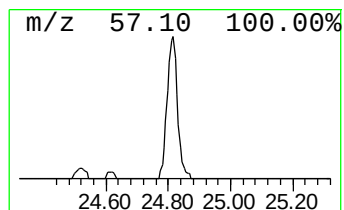
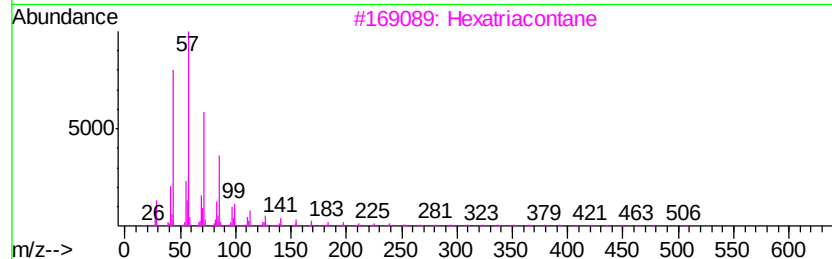
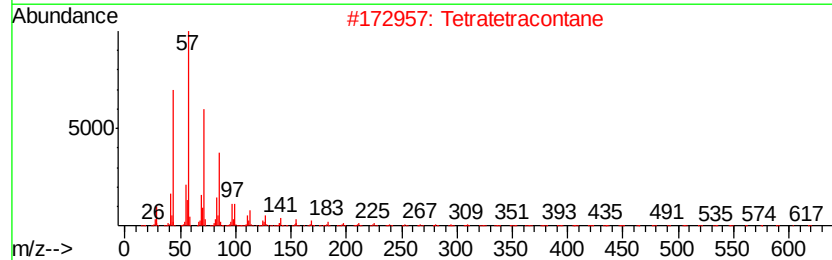
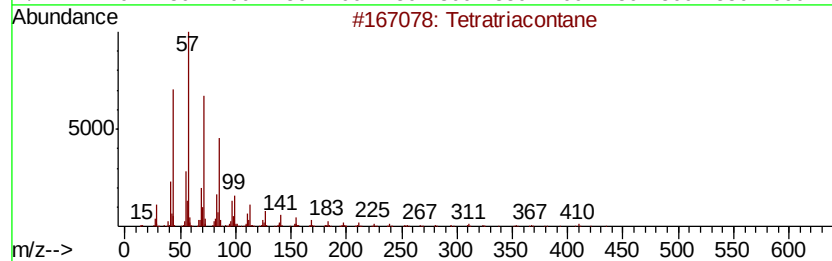
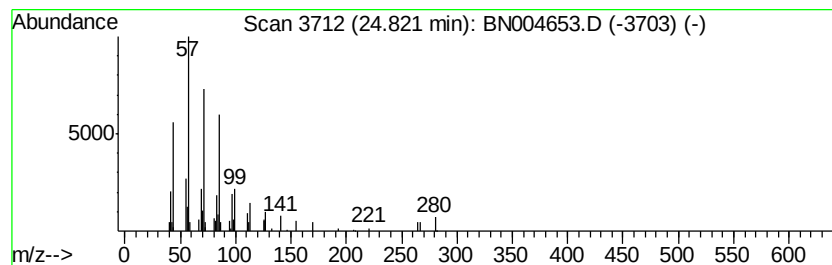
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.82	2.96 ng/ul	111888	Perylene-d12	23.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Hexatriacontane	507	C36H74	000630-06-8	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
Data File : BN004653.D
Acq On : 08 Mar 2019 00:45
Operator : JU/SJ
Sample : K1657-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB648

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	5.5	ng/ul	134881	4	17.11	494035	20.0
Trifluoroacetic a...	18.86	2.1	ng/ul	52074	4	17.11	494035	20.0
2- Chloropropioni...	21.00	4.0	ng/ul	173295	5	21.31	871328	20.0
(DEL) Alkane: Str...	22.34	2.1	ng/ul	92995	5	21.31	871328	20.0
(DEL) Alkane: Str...	24.06	4.0	ng/ul	152224	6	23.57	756828	20.0
(DEL) Alkane: Str...	24.82	3.0	ng/ul	111888	6	23.57	756828	20.0