

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005880.D
 Acq On : 23 May 2019 08:43
 Operator : JU/SJ
 Sample : K2927-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B5

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-BN051819MA.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	6.757	636	641	655	rBV	168181	395866	14.24%	1.508%
2	6.905	661	666	678	rVB	154866	282857	10.17%	1.077%
3	7.105	694	700	711	rBV	212178	405139	14.57%	1.543%
4	7.557	772	777	788	rVB	236285	425815	15.31%	1.622%
5	8.281	894	900	915	rVB	238423	507580	18.25%	1.933%
6	8.710	967	973	982	rBV	238101	445330	16.01%	1.696%
7	9.428	1089	1095	1108	rVB	200411	379368	13.64%	1.445%
8	9.969	1181	1187	1209	rBV	235569	555487	19.98%	2.116%
9	10.322	1240	1247	1255	rVB	388991	671456	24.15%	2.558%
10	10.475	1267	1273	1295	rBV	197905	497122	17.88%	1.894%
11	13.616	1801	1807	1812	rBV	688966	1002688	36.06%	3.819%
12	13.663	1812	1815	1826	rVB	262527	416258	14.97%	1.586%
13	13.887	1847	1853	1869	rBV	761328	1206169	43.37%	4.595%
14	14.198	1900	1906	1918	rBV2	703614	1053088	37.87%	4.011%
15	14.486	1948	1955	1982	rBV2	82382	330535	11.89%	1.259%
16	15.069	2053	2054	2059	rVB2	3702	3380	0.12%	0.013%
17	15.204	2070	2077	2089	rBV	960574	1521508	54.71%	5.796%
18	15.381	2101	2107	2116	rBV2	78706	152481	5.48%	0.581%
19	15.451	2116	2119	2124	rVB4	11011	13237	0.48%	0.050%
20	15.933	2196	2201	2203	rBV3	3878	4162	0.15%	0.016%
21	15.992	2208	2211	2213	rVB2	3958	3623	0.13%	0.014%
22	16.339	2266	2270	2276	rBV3	2103	3970	0.14%	0.015%
23	16.733	2332	2337	2338	rBV2	3789	4868	0.18%	0.019%
24	16.745	2338	2339	2344	rVB2	2814	3062	0.11%	0.012%
25	16.957	2369	2375	2381	rBV2	1005857	1443289	51.90%	5.498%
26	16.998	2381	2382	2386	rVV	28371	28152	1.01%	0.107%
27	17.063	2386	2393	2407	rVV	1191813	1794781	64.54%	6.837%
28	17.169	2407	2411	2414	rVB2	2123	3243	0.12%	0.012%
29	17.475	2459	2463	2466	rBV2	2669	4391	0.16%	0.017%
30	17.745	2504	2509	2512	rBV4	2672	4844	0.17%	0.018%
31	17.875	2523	2531	2545	rBV4	74705	168139	6.05%	0.640%
32	18.045	2554	2560	2564	rBV5	8005	14858	0.53%	0.057%
33	18.169	2578	2581	2585	rVB4	5488	7733	0.28%	0.029%
34	18.227	2585	2591	2595	rBV3	4548	9463	0.34%	0.036%

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35	18.298	2602	2603	2608	rVB4	3654	4128	0.15%	0.016%
36	18.357	2608	2613	2619	rVB5	5620	10927	0.39%	0.042%
37	18.416	2619	2623	2628	rBV6	5808	11111	0.40%	0.042%
38	18.716	2667	2674	2677	rBV3	3069	7547	0.27%	0.029%
39	18.774	2680	2684	2687	rVV2	5779	8234	0.30%	0.031%
40	18.810	2687	2690	2696	rVV6	6935	10466	0.38%	0.040%
41	18.916	2705	2708	2709	rVV2	3649	3743	0.13%	0.014%
42	18.933	2709	2711	2714	rVB3	3424	3641	0.13%	0.014%
43	19.010	2719	2724	2726	rBV2	15509	21815	0.78%	0.083%
44	19.039	2726	2729	2735	rVB	80683	113292	4.07%	0.432%
45	19.180	2749	2753	2760	rBV6	19918	44168	1.59%	0.168%
46	19.263	2763	2767	2771	rBV	13000	20281	0.73%	0.077%
47	19.374	2780	2786	2796	rBV	1642595	2466670	88.70%	9.396%
48	19.763	2845	2852	2856	rBV8	7003	15613	0.56%	0.059%
49	19.880	2868	2872	2873	rBV4	5727	6667	0.24%	0.025%
50	19.939	2876	2882	2887	rVV4	25441	43958	1.58%	0.167%
51	20.021	2894	2896	2899	rVV4	4826	5001	0.18%	0.019%
52	20.080	2903	2906	2910	rVB4	7746	13163	0.47%	0.050%
53	20.227	2926	2931	2933	rBV5	8420	13735	0.49%	0.052%
54	20.274	2935	2939	2941	rVB5	7762	10593	0.38%	0.040%
55	20.374	2954	2956	2960	rVB5	6339	7917	0.28%	0.030%
56	20.445	2964	2968	2972	rVB	41472	44061	1.58%	0.168%
57	20.592	2991	2993	2996	rBV3	8559	10360	0.37%	0.039%
58	20.692	3006	3010	3013	rBV5	11664	18260	0.66%	0.070%
59	20.916	3044	3048	3059	rBV2	178181	316952	11.40%	1.207%
60	21.116	3079	3082	3088	rVB	166439	185356	6.67%	0.706%
61	21.198	3089	3096	3102	rBV	1514647	2157034	77.57%	8.217%
62	21.357	3120	3123	3127	rBV	98632	100567	3.62%	0.383%
63	21.786	3193	3196	3201	rBV	96933	119090	4.28%	0.454%
64	22.245	3270	3274	3279	rVB	172414	215555	7.75%	0.821%
65	22.363	3290	3294	3298	rBV	74647	96885	3.48%	0.369%
66	22.733	3353	3357	3367	rBV2	191915	378578	13.61%	1.442%
67	23.268	3441	3448	3463	rVB	1407173	2780892	100.00%	10.593%
68	23.404	3464	3471	3484	rVB2	1050196	2000301	71.93%	7.620%
69	23.904	3550	3556	3566	rVB	207862	377044	13.56%	1.436%
70	24.615	3672	3677	3686	rVB	163954	329053	11.83%	1.253%
71	25.451	3812	3819	3827	rVB3	116818	284333	10.22%	1.083%

LSC Area Percent Report

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Title : SVOA CALIBRATION

72	26.427	3980	3985	3993	rVB3	87541	231269	8.32%	0.881%
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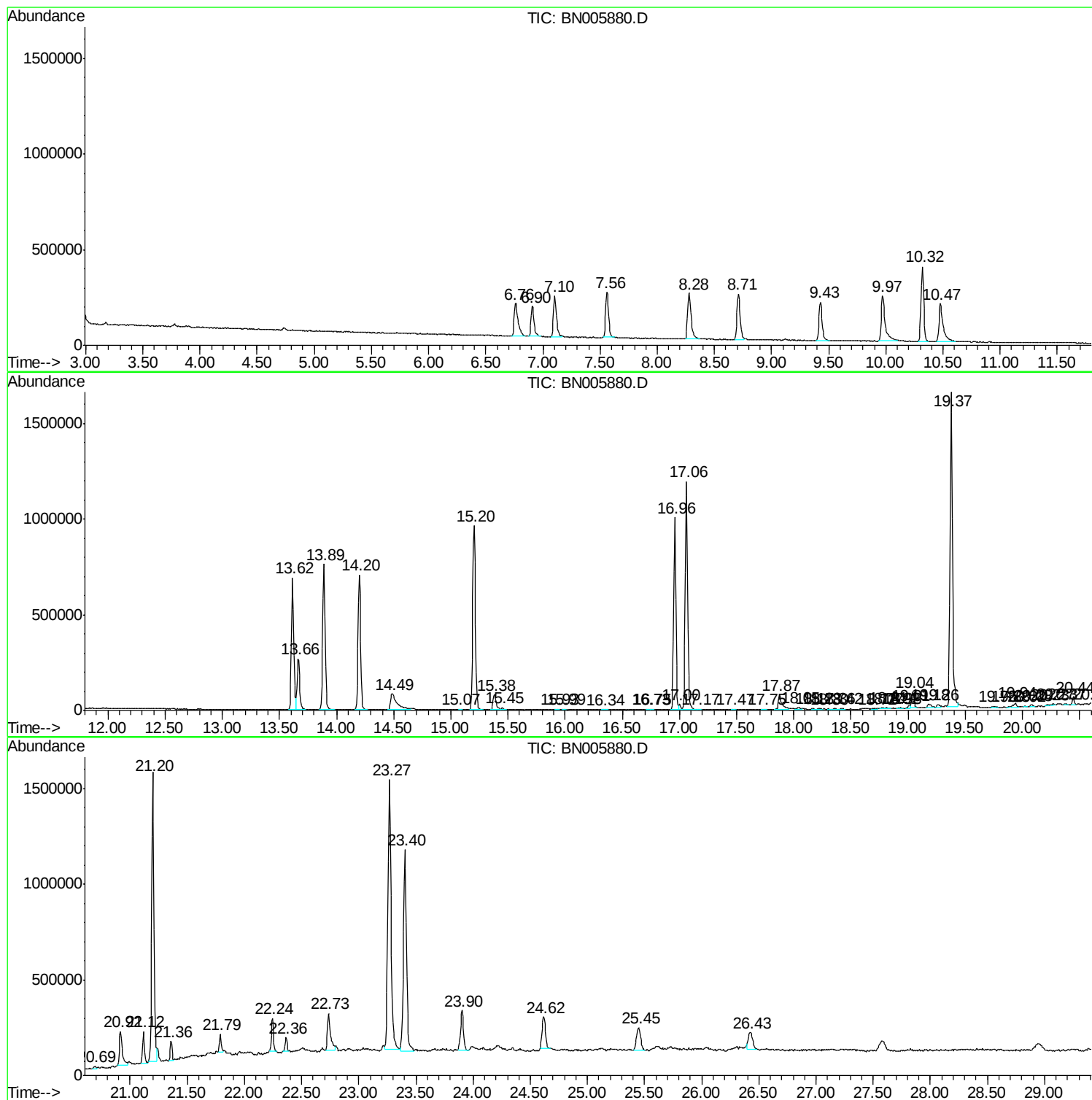
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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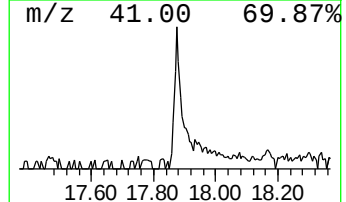
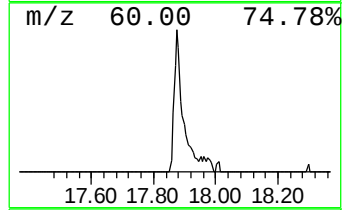
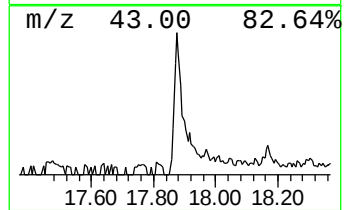
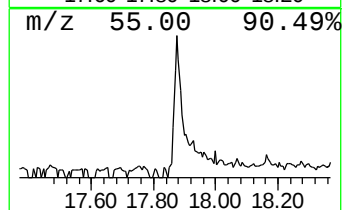
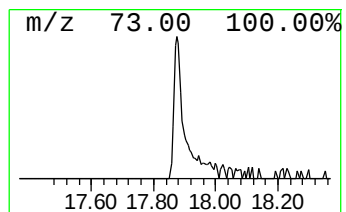
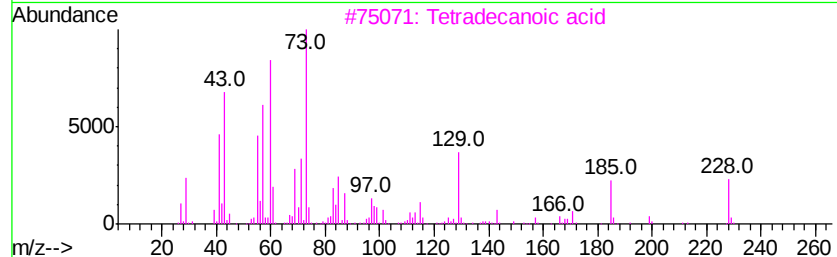
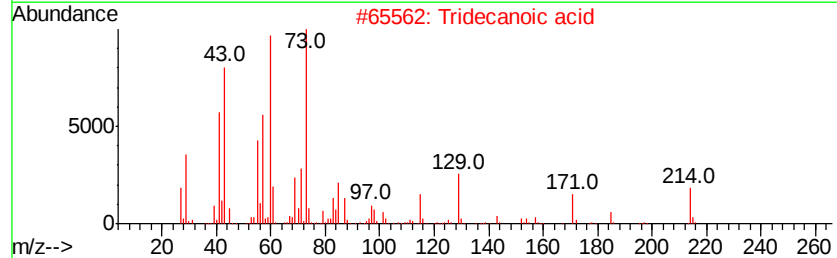
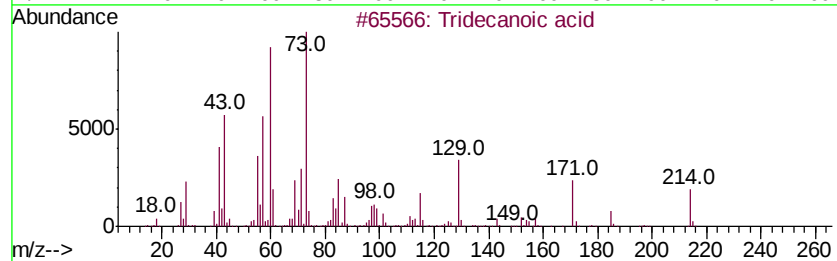
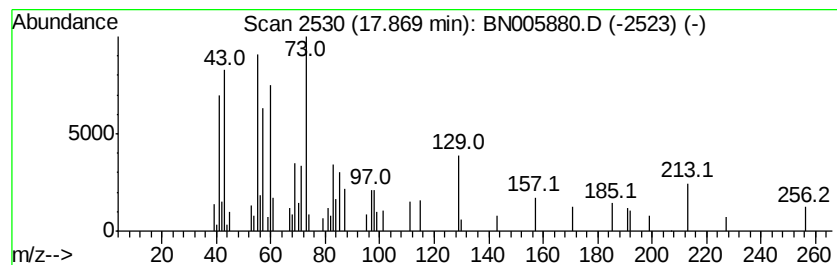
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.33 ng/ul	168139	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	72
2		Tridecanoic acid	214	C13H26O2	000638-53-9	68
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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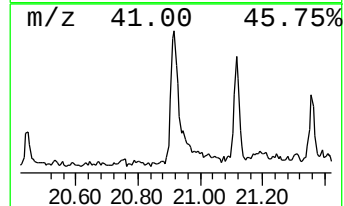
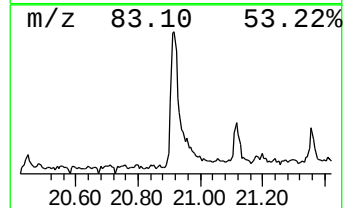
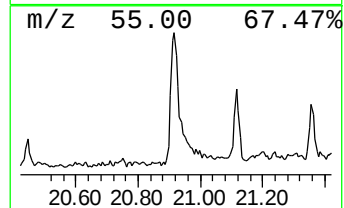
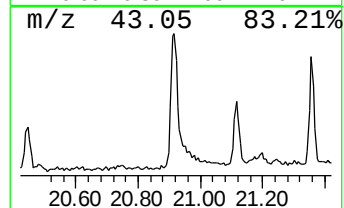
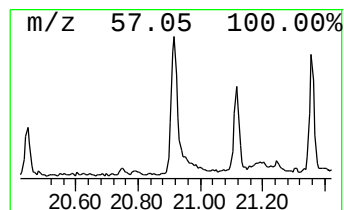
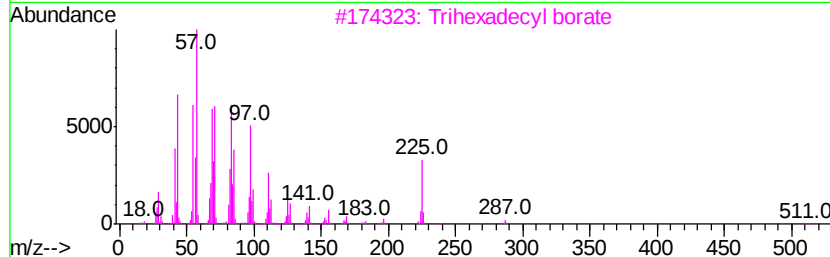
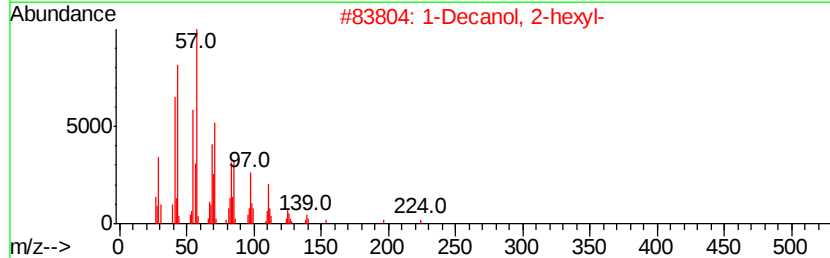
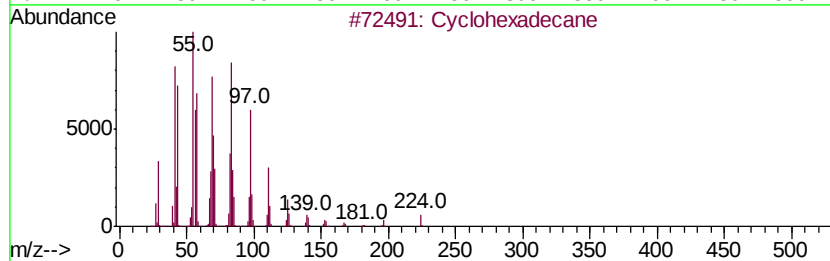
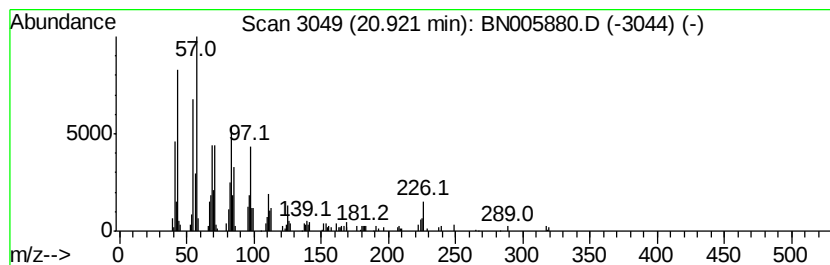
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.92 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.94 ng/ul	316952	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	96
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
3		Trihexadecyl borate	735	C48H99B03	002665-11-4	87
4		1-Hexadecene	224	C16H32	000629-73-2	83
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	83



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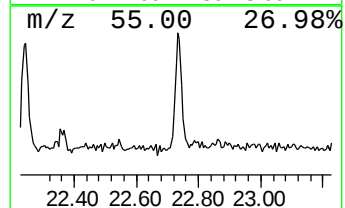
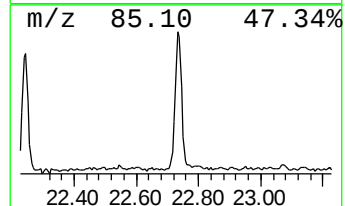
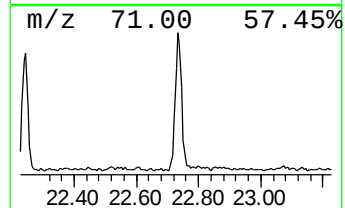
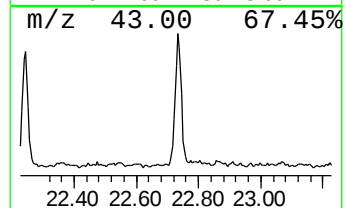
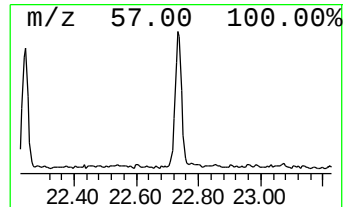
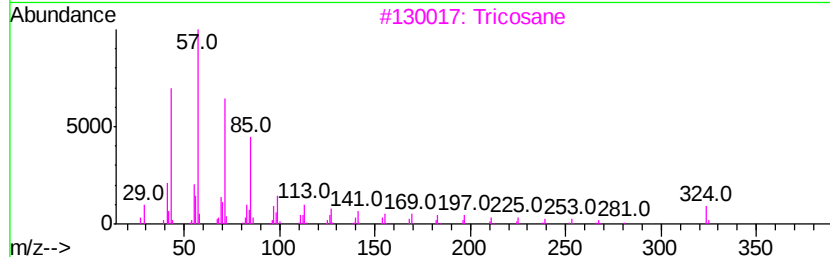
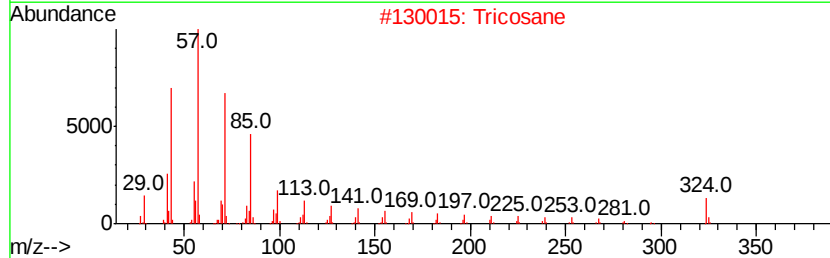
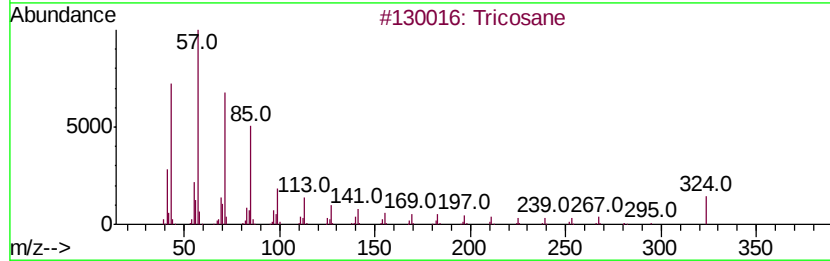
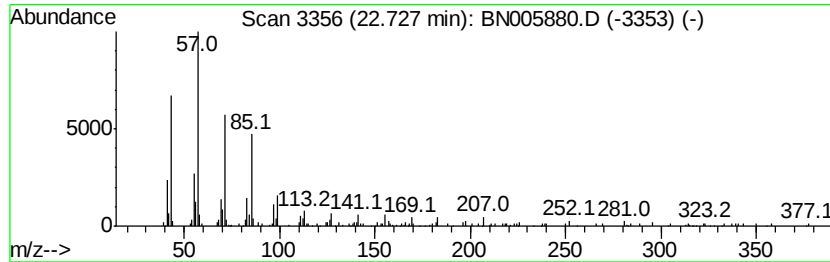
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	3.79 ng/ul	378578	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	95
2		Tricosane	324	C23H48	000638-67-5	95
3		Tricosane	324	C23H48	000638-67-5	94
4		Eicosane	282	C20H42	000112-95-8	94
5		Eicosane	282	C20H42	000112-95-8	91



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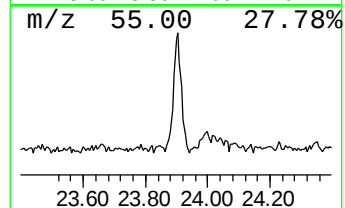
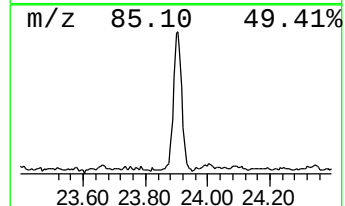
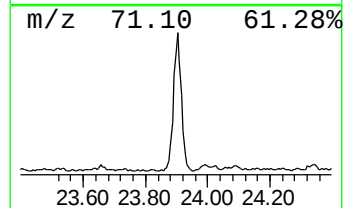
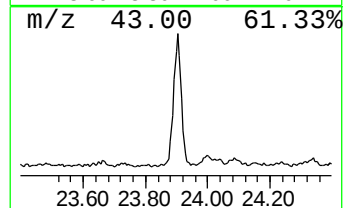
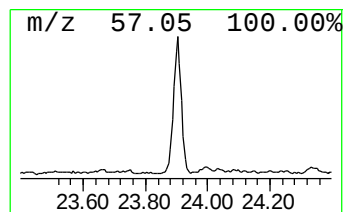
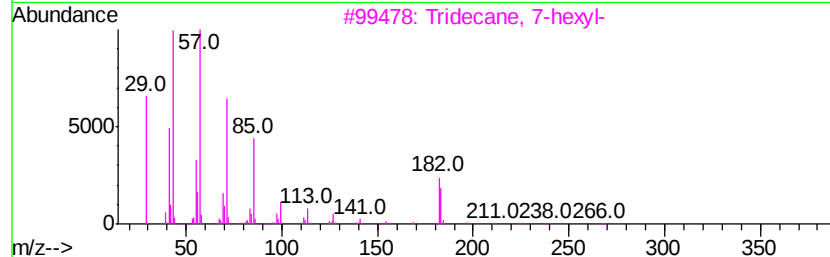
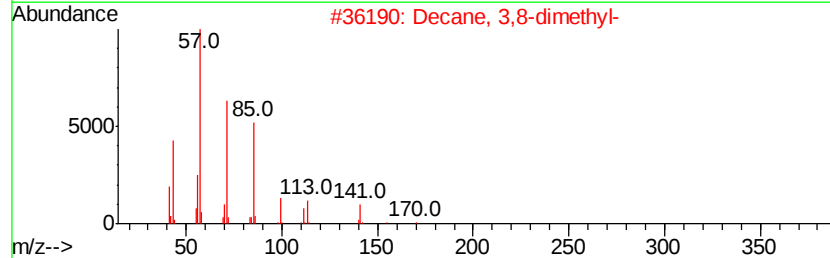
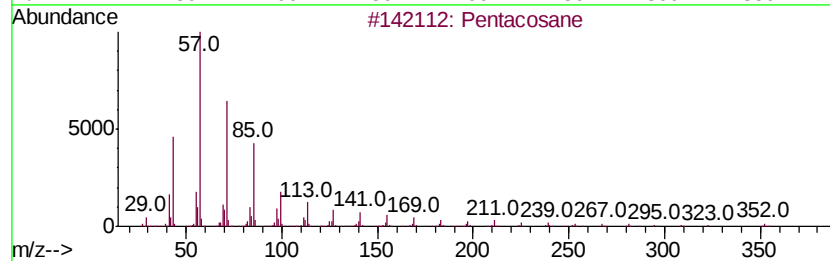
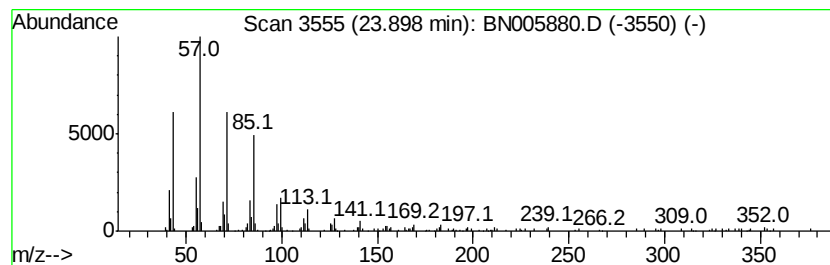
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
23.90	3.77 ng/ul	377044	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	93
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	91
3			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005880.D
 Acq On : 23 May 2019 08:43
 Operator : JU/SJ
 Sample : K2927-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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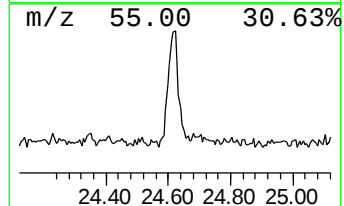
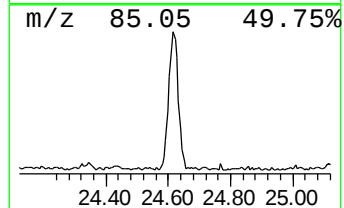
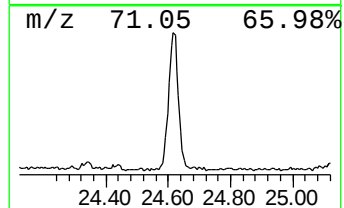
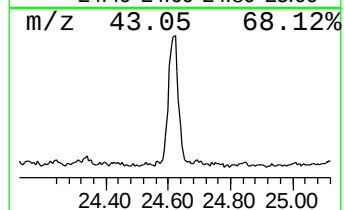
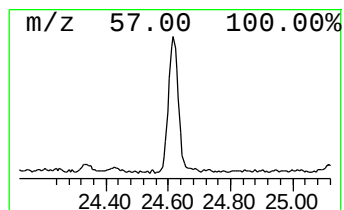
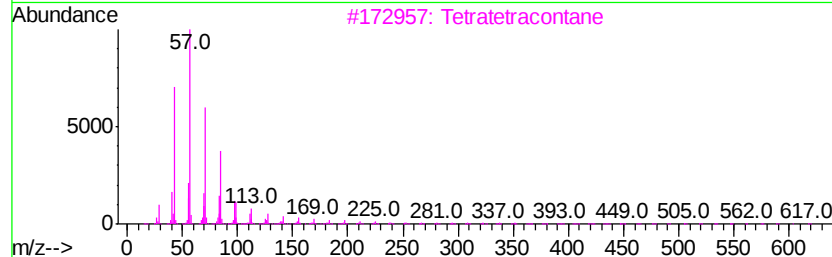
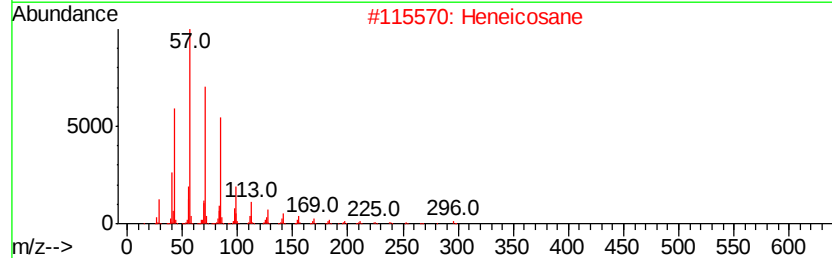
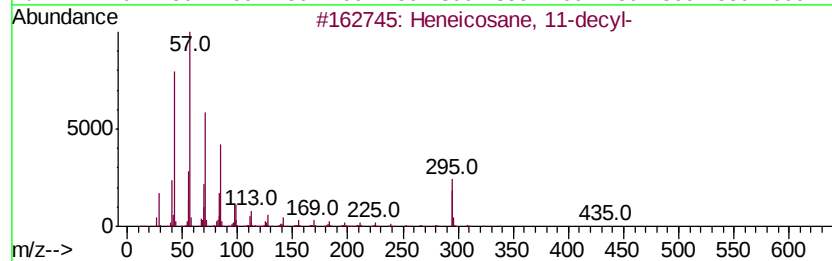
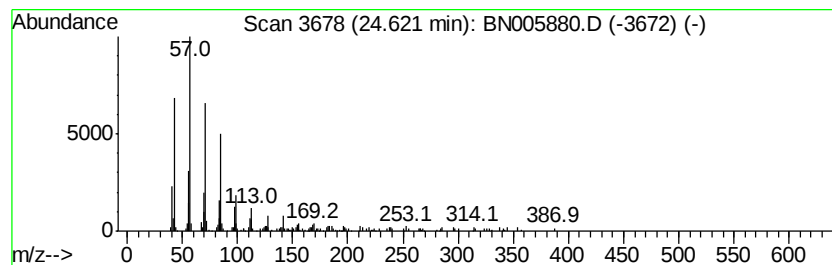
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	3.29 ng/ul	329053	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005880.D
Acq On : 23 May 2019 08:43
Operator : JU/SJ
Sample : K2927-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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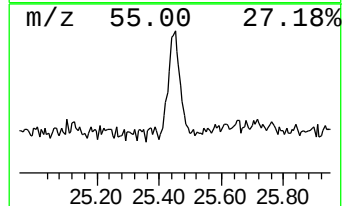
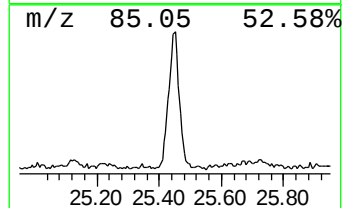
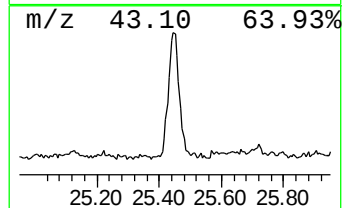
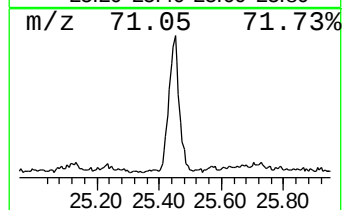
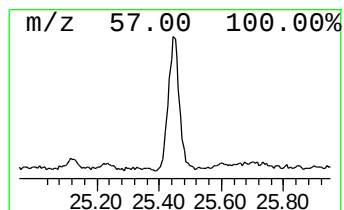
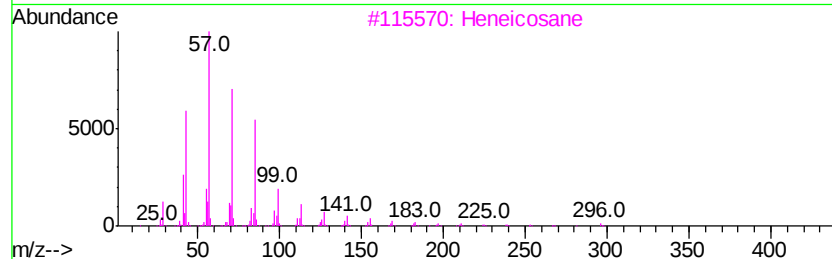
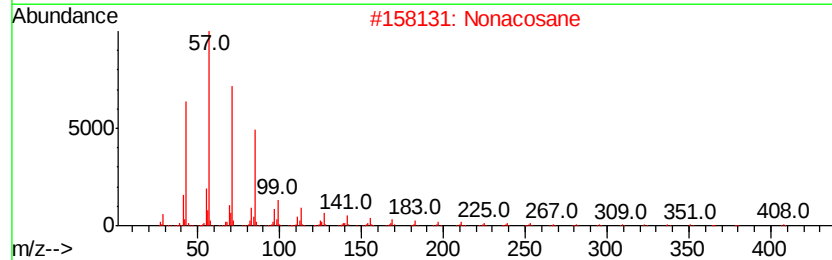
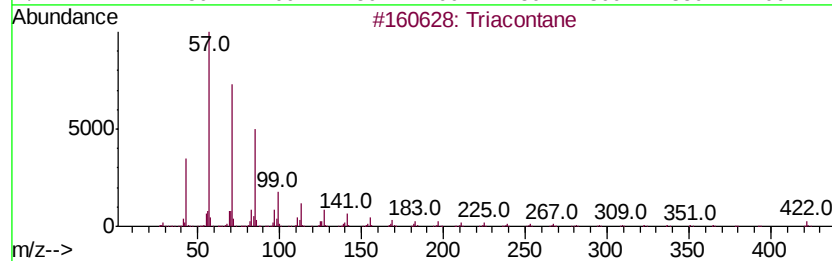
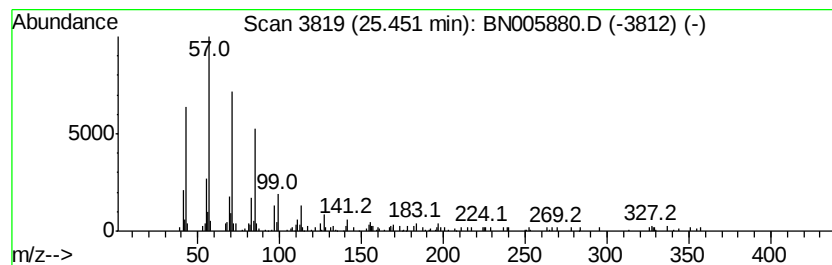
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
25.45	2.84 ng/ul	284333	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	90
2		Nonacosane	408	C29H60	000630-03-5	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005880.D
Acq On : 23 May 2019 08:43
Operator : JU/SJ
Sample : K2927-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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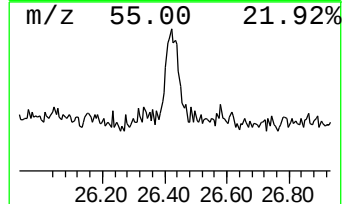
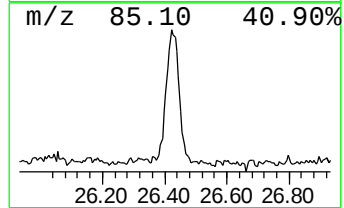
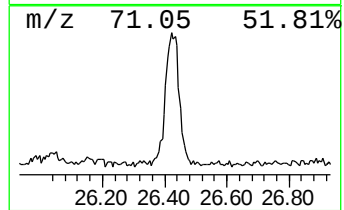
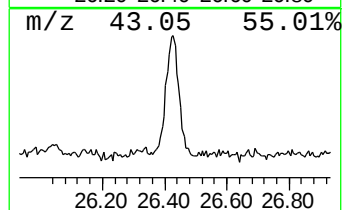
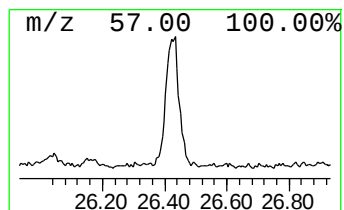
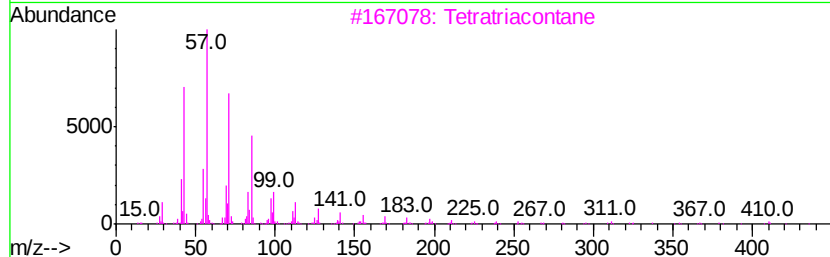
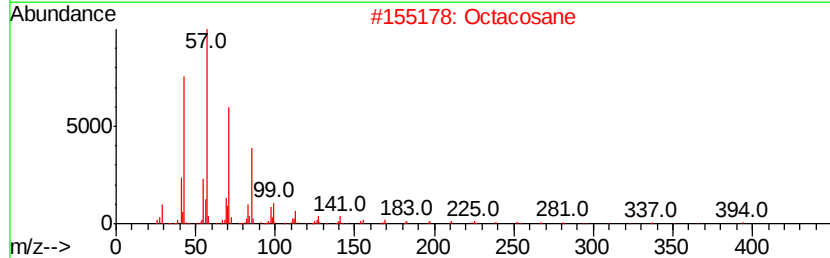
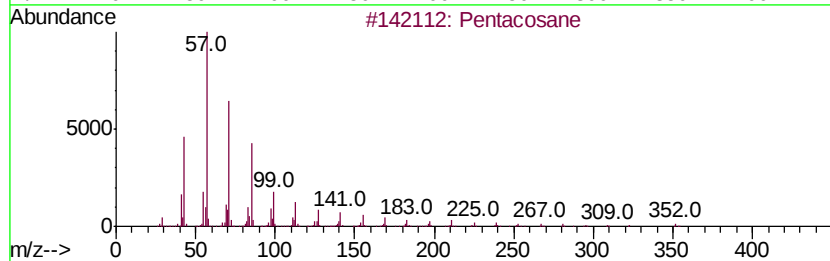
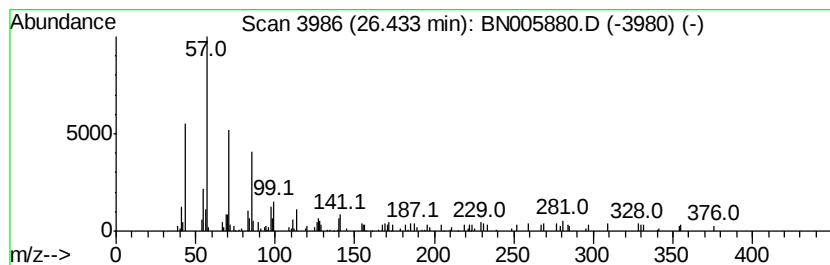
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.43	2.31 ng/ul	231269	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	64
2		Octacosane	394	C28H58	000630-02-4	53
3		Tetratriacontane	479	C34H70	014167-59-0	52
4		Hentriacontane	437	C31H64	000630-04-6	52
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005880.D
Acq On : 23 May 2019 08:43
Operator : JU/SJ
Sample : K2927-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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
Tridecanoic acid	17.87	2.3	ng/ul	168139	4	16.96	1443290	20.0
(DEL) Alkane: Cyc...	20.92	2.9	ng/ul	316952	5	21.20	2157030	20.0
(DEL) Alkane: Str...	22.73	3.8	ng/ul	378578	6	23.40	2000300	20.0
(DEL) Alkane: Str...	23.90	3.8	ng/ul	377044	6	23.40	2000300	20.0
(DEL) Alkane: Str...	24.62	3.3	ng/ul	329053	6	23.40	2000300	20.0
(DEL) Alkane: Str...	25.45	2.8	ng/ul	284333	6	23.40	2000300	20.0
(DEL) Alkane: Str...	26.43	2.3	ng/ul	231269	6	23.40	2000300	20.0