

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
 Data File : BN004683.D
 Acq On : 08 Mar 2019 21:03
 Operator : JU/SJ
 Sample : K1736-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF625

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	3.222	37	40	47	rVB	5015	6621	1.18%	0.100%
2	3.846	144	146	149	rVB	771	912	0.16%	0.014%
3	4.675	284	287	288	rBV	626	567	0.10%	0.009%
4	4.846	312	316	320	rBB	1713	2208	0.40%	0.033%
5	6.881	657	662	671	rBB	64842	100512	17.98%	1.519%
6	7.063	688	693	701	rBB	48993	76075	13.61%	1.150%
7	7.251	719	725	731	rBB	71006	105436	18.86%	1.593%
8	7.722	799	805	811	rBB	92392	141815	25.37%	2.143%
9	8.416	917	923	930	rBB	91265	138349	24.75%	2.090%
10	8.881	996	1002	1009	rBB	70865	106475	19.05%	1.609%
11	9.240	1059	1063	1065	rBB	1670	2010	0.36%	0.030%
12	9.598	1118	1124	1129	rBB	56875	88551	15.84%	1.338%
13	10.122	1207	1213	1220	rBB	102526	155305	27.79%	2.347%
14	10.504	1272	1278	1285	rBB	148171	243562	43.58%	3.680%
15	10.645	1296	1302	1311	rBB	91247	149482	26.75%	2.259%
16	12.092	1546	1548	1551	rBB	1145	1309	0.23%	0.020%
17	13.769	1828	1833	1838	rBV	206910	274001	49.02%	4.140%
18	13.816	1838	1841	1846	rVB	28278	34859	6.24%	0.527%
19	14.057	1875	1882	1889	rBB	226788	325366	58.21%	4.916%
20	14.363	1928	1934	1940	rBB2	251857	364741	65.26%	5.511%
21	14.563	1963	1968	1975	rBB	69337	94947	16.99%	1.435%
22	15.104	2057	2060	2062	rBB	580	685	0.12%	0.010%
23	15.145	2065	2067	2071	rBB	1108	1052	0.19%	0.016%
24	15.357	2097	2103	2109	rBB	302028	424324	75.92%	6.412%
25	15.480	2119	2124	2129	rBB	68172	85332	15.27%	1.289%
26	15.592	2141	2143	2146	rBB	1385	1454	0.26%	0.022%
27	16.186	2241	2244	2246	rBB	857	976	0.17%	0.015%
28	16.251	2253	2255	2258	rBB	764	755	0.14%	0.011%
29	16.474	2291	2293	2296	rBB	853	857	0.15%	0.013%
30	16.574	2307	2310	2312	rBB	795	904	0.16%	0.014%
31	16.898	2362	2365	2367	rBB	651	747	0.13%	0.011%
32	17.016	2382	2385	2388	rBB	5952	4966	0.89%	0.075%
33	17.110	2395	2401	2407	rBV2	341025	461453	82.56%	6.973%
34	17.157	2407	2409	2412	rVB	776	881	0.16%	0.013%

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35	17.210	2412	2418	2425	rBB	349135	463161	82.87%	6.998%
36	17.869	2526	2530	2538	rBB	4764	7679	1.37%	0.116%
37	17.951	2541	2544	2546	rVV	885	881	0.16%	0.013%
38	17.992	2546	2551	2561	rVV	46499	64014	11.45%	0.967%
39	18.069	2561	2564	2568	rVB2	1785	2369	0.42%	0.036%
40	18.139	2573	2576	2579	rVB	460	641	0.11%	0.010%
41	18.280	2598	2600	2605	rVB	2999	3553	0.64%	0.054%
42	18.380	2616	2617	2622	rVB	404	609	0.11%	0.009%
43	18.427	2622	2625	2630	rBV	769	1155	0.21%	0.017%
44	18.492	2630	2636	2640	rVV2	2333	3791	0.68%	0.057%
45	18.580	2647	2651	2655	rBV2	2125	3529	0.63%	0.053%
46	18.610	2655	2656	2661	rVB2	1129	987	0.18%	0.015%
47	18.757	2676	2681	2683	rVB2	2025	2848	0.51%	0.043%
48	18.839	2690	2695	2698	rBV	9528	11562	2.07%	0.175%
49	18.863	2698	2699	2702	rVV	1186	801	0.14%	0.012%
50	18.921	2702	2709	2713	rVB2	5212	9860	1.76%	0.149%
51	19.021	2722	2726	2732	rVB	2122	2622	0.47%	0.040%
52	19.133	2742	2745	2757	rBV4	7748	20808	3.72%	0.314%
53	19.221	2757	2760	2763	rVB2	729	799	0.14%	0.012%
54	19.280	2765	2770	2776	rVV	12943	20331	3.64%	0.307%
55	19.339	2778	2780	2785	rVV3	1139	1853	0.33%	0.028%
56	19.392	2785	2789	2793	rVV3	7611	11332	2.03%	0.171%
57	19.451	2795	2799	2802	rVV3	3347	4620	0.83%	0.070%
58	19.510	2802	2809	2819	rVB	416796	558907	100.00%	8.445%
59	19.927	2876	2880	2885	rVB	3172	3820	0.68%	0.058%
60	19.980	2885	2889	2893	rBV2	1421	2603	0.47%	0.039%
61	20.039	2896	2899	2905	rVB	10179	11795	2.11%	0.178%
62	20.139	2914	2916	2919	rVB	818	809	0.14%	0.012%
63	20.233	2927	2932	2934	rBV2	1201	1773	0.32%	0.027%
64	20.357	2949	2953	2956	rBV2	550	770	0.14%	0.012%
65	20.410	2958	2962	2964	rBV	5287	6362	1.14%	0.096%
66	20.480	2971	2974	2975	rBV2	1646	1460	0.26%	0.022%
67	20.539	2980	2984	2988	rVV	18495	19857	3.55%	0.300%
68	20.580	2988	2991	2995	rVV2	3015	3226	0.58%	0.049%
69	20.621	2995	2998	3000	rVB2	978	983	0.18%	0.015%
70	20.662	3001	3005	3009	rVV2	5030	6320	1.13%	0.095%
71	20.727	3013	3016	3020	rBV2	1967	1847	0.33%	0.028%

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72	20.839	3032	3035	3039	rBV2	2448	3164	0.57%	0.048%
73	20.886	3040	3043	3046	rVV3	1181	1227	0.22%	0.019%
74	20.933	3049	3051	3053	rBV2	1043	789	0.14%	0.012%
75	21.004	3059	3063	3075	rBV	36849	49344	8.83%	0.746%
76	21.210	3095	3098	3102	rVB	4245	4664	0.83%	0.070%
77	21.257	3104	3106	3108	rBV2	1106	1073	0.19%	0.016%
78	21.310	3109	3115	3121	rVV	401446	514774	92.10%	7.778%
79	21.439	3133	3137	3143	rBV	35899	41236	7.38%	0.623%
80	21.874	3207	3211	3220	rBV	47217	54331	9.72%	0.821%
81	22.339	3285	3290	3300	rVB	54472	71451	12.78%	1.080%
82	22.468	3307	3312	3317	rBV	45156	63697	11.40%	0.962%
83	22.845	3370	3376	3382	rVB	54632	79770	14.27%	1.205%
84	23.256	3444	3446	3448	rBV2	2427	2162	0.39%	0.033%
85	23.421	3466	3474	3484	rBV	268676	492707	88.16%	7.445%
86	23.562	3491	3498	3506	rVB2	222679	417328	74.67%	6.306%
87	24.062	3576	3583	3590	rBV	33899	68833	12.32%	1.040%
88	24.609	3672	3676	3680	rVB4	4454	7214	1.29%	0.109%
89	24.809	3704	3710	3720	rVB	26114	56061	10.03%	0.847%
90	25.686	3853	3859	3866	rVB2	12296	30357	5.43%	0.459%

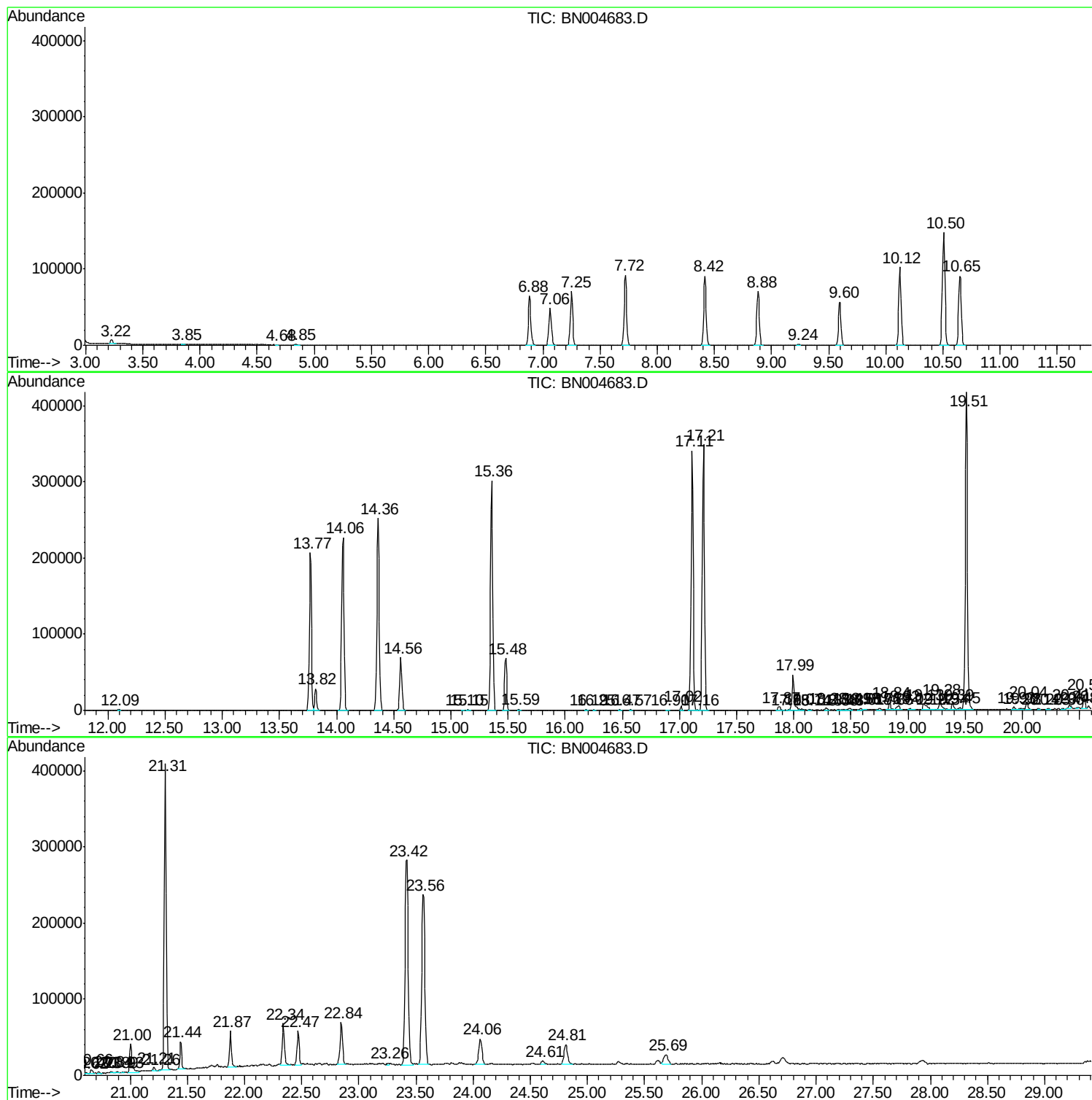
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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



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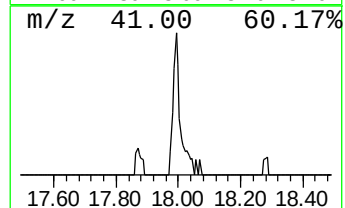
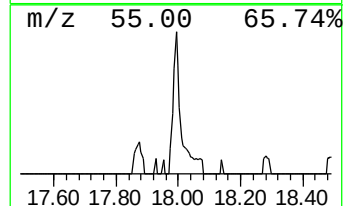
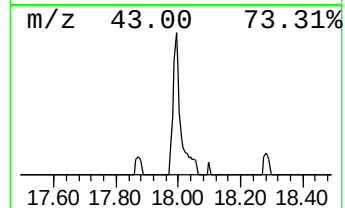
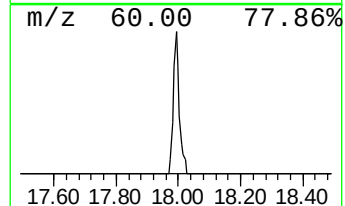
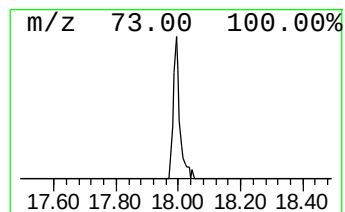
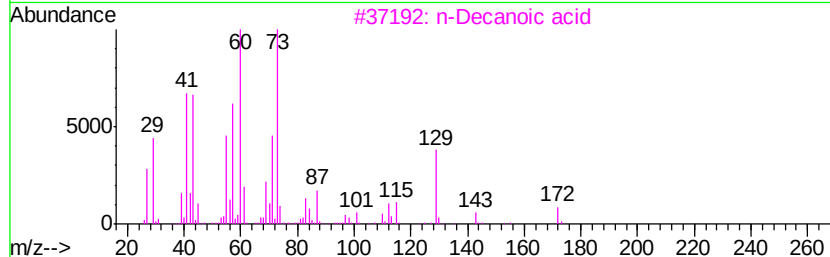
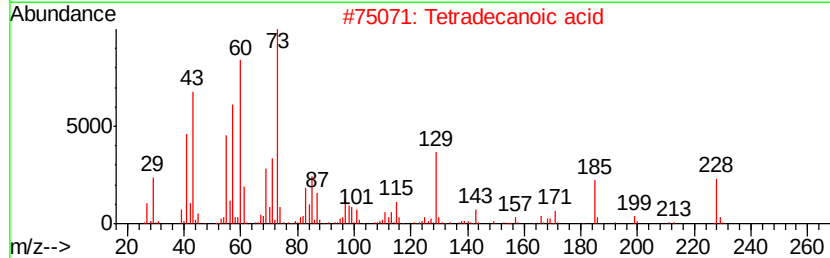
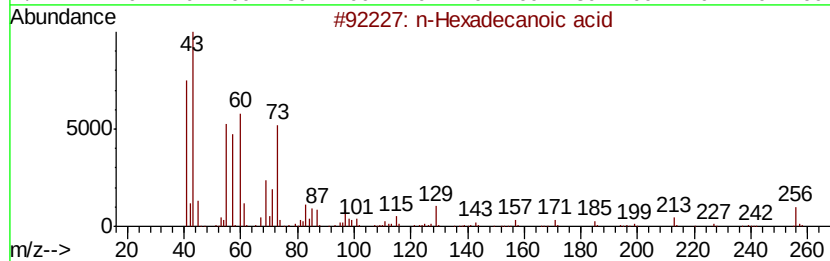
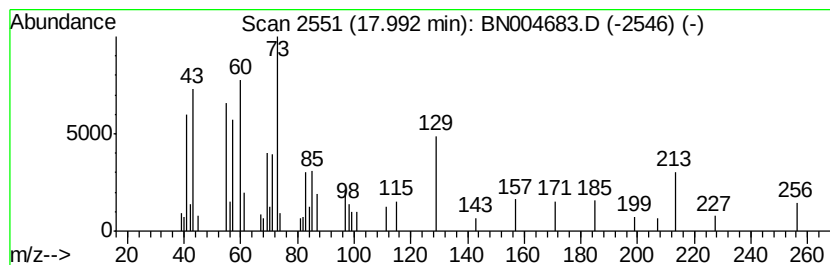
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.99	2.77 ng/ul	64014	Phenanthrene-d10	17.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	43
5	Tridecanoic acid	214	C13H26O2	000638-53-9	38



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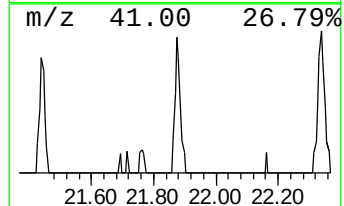
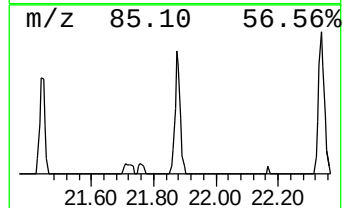
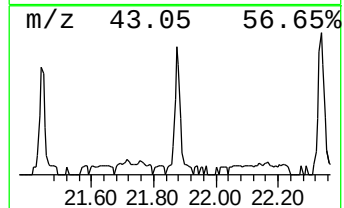
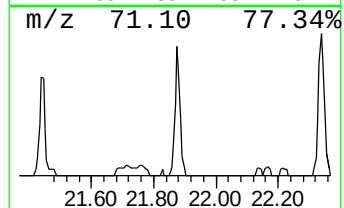
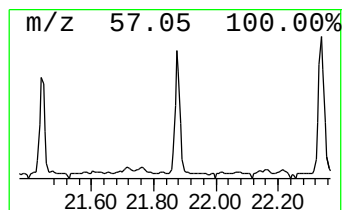
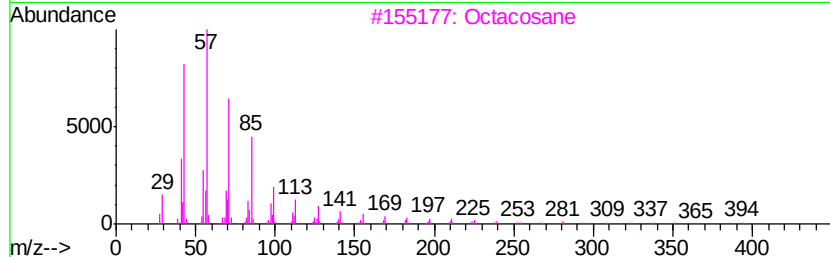
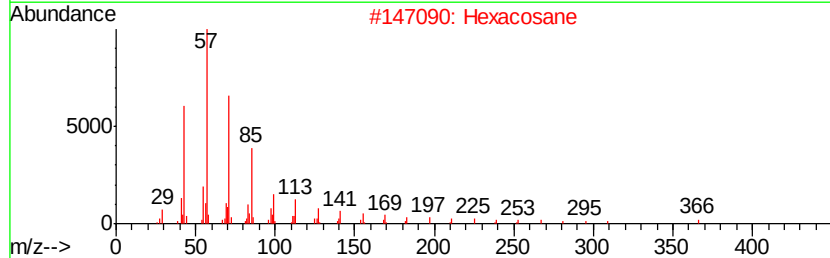
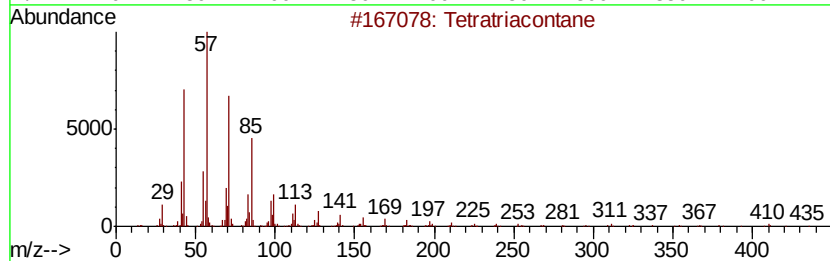
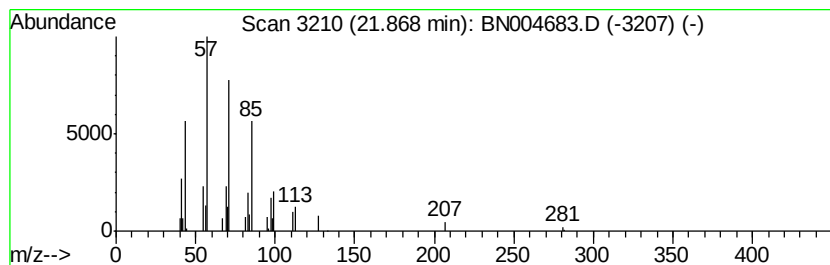
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.11 ng/ul	54331	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



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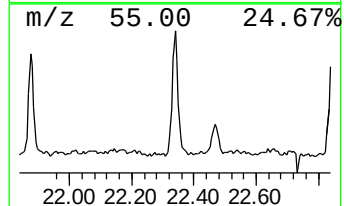
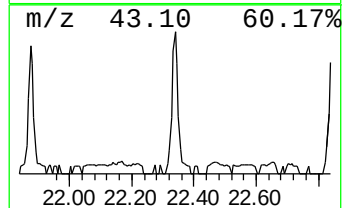
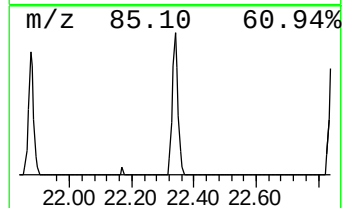
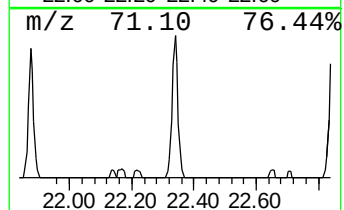
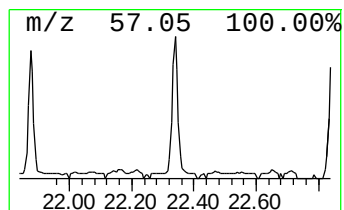
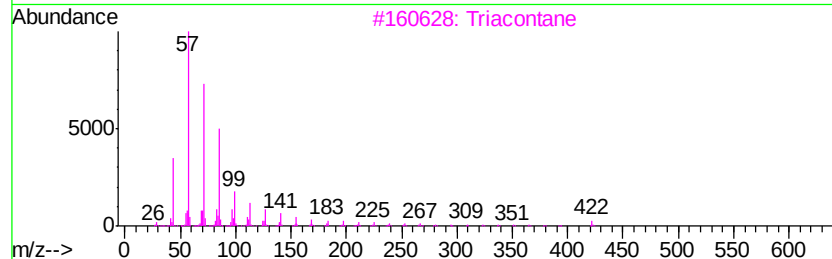
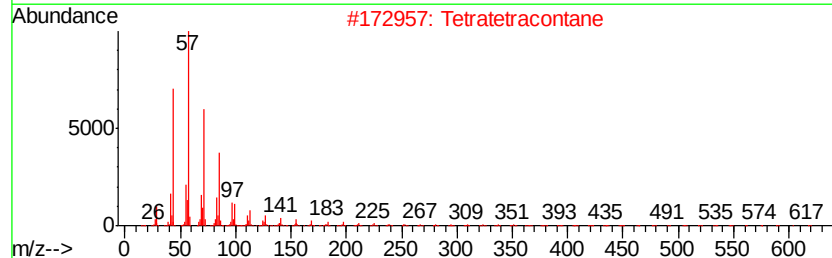
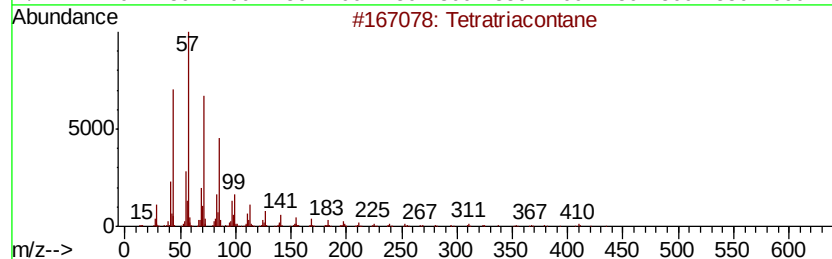
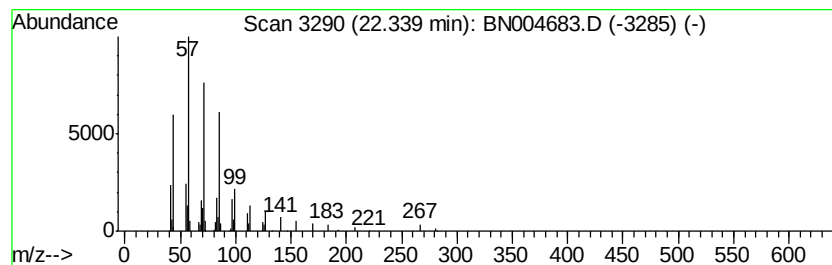
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.78 ng/ul	71451	Chrysene-d12	21.31

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		Triacontane	422	C30H62	000638-68-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane	296	C21H44	000629-94-7	90



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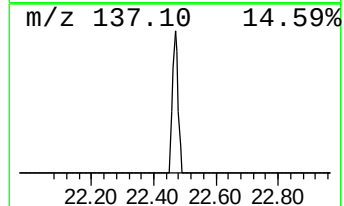
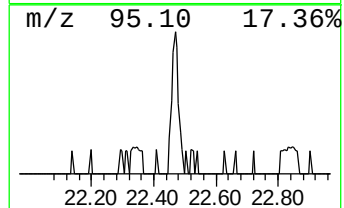
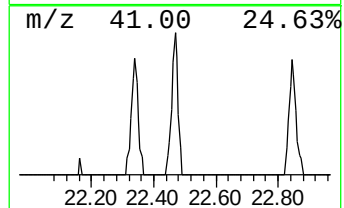
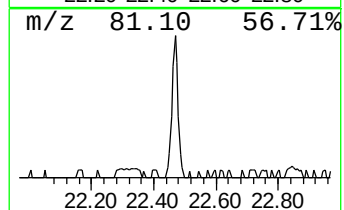
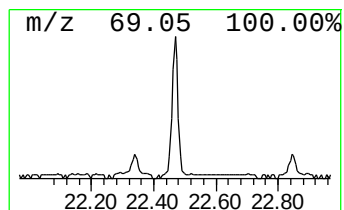
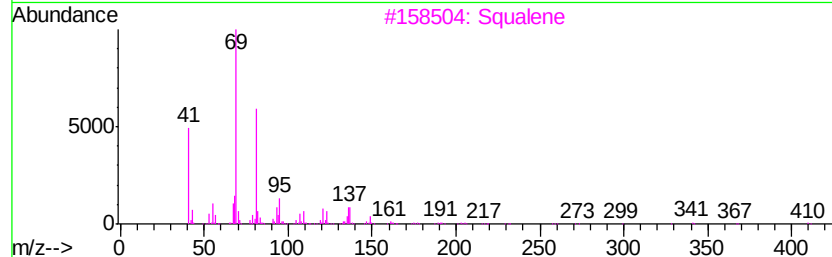
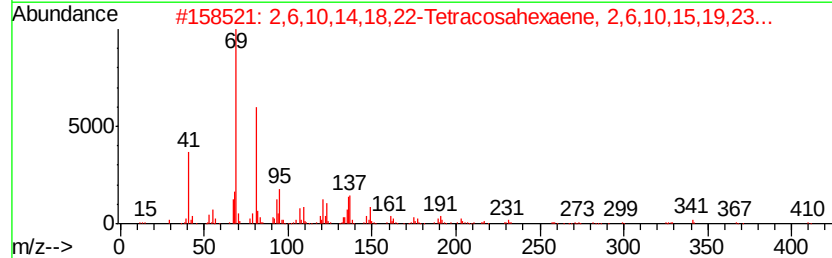
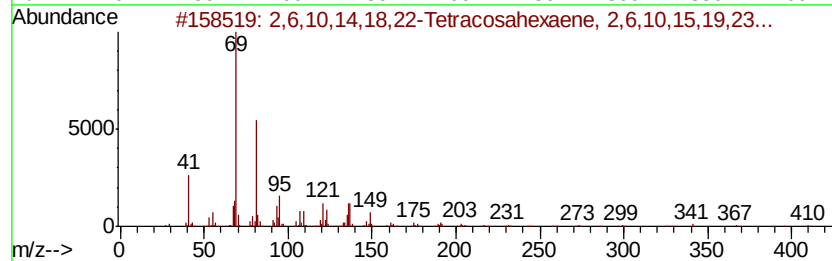
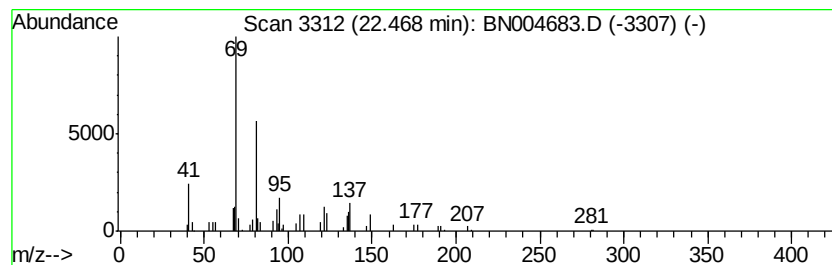
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	3.05 ng/ul	63697	Perylene-d12	23.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91		
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90		
3	Squalene	410	C30H50	007683-64-9	86		
4	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	86		
5	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	86		



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
Data File : BN004683.D
Acq On : 08 Mar 2019 21:03
Operator : JU/SJ
Sample : K1736-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF625

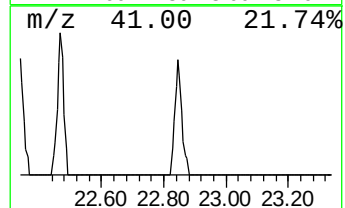
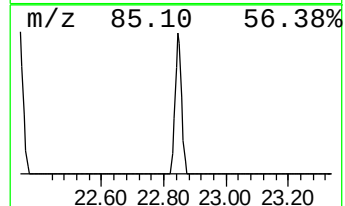
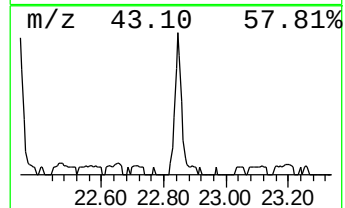
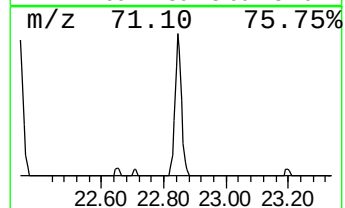
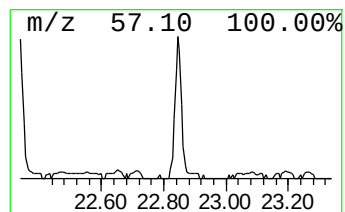
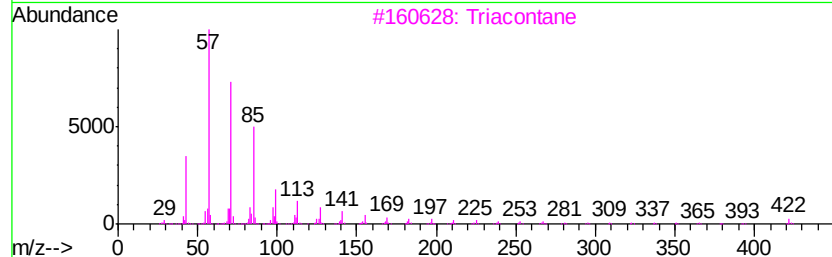
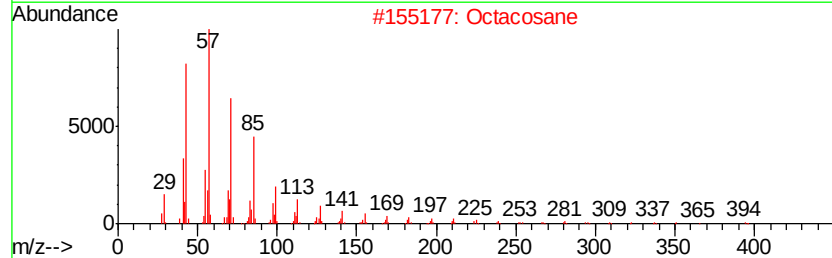
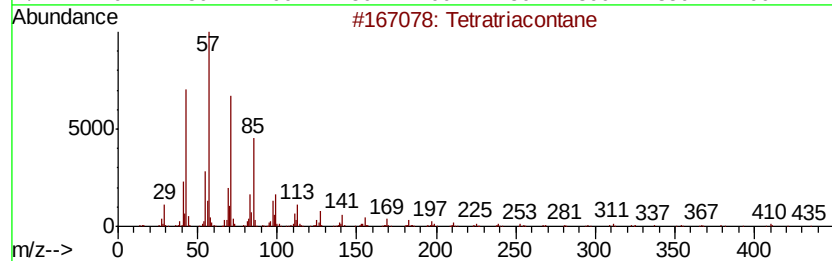
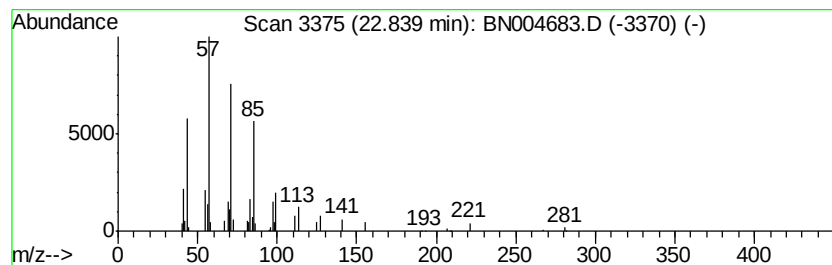
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	3.82 ng/ul	79770	Perylene-d12	23.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratriacontane	479	C34H70	014167-59-0	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Triacotane	422	C30H62	000638-68-6	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
Data File : BN004683.D
Acq On : 08 Mar 2019 21:03
Operator : JU/SJ
Sample : K1736-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF625

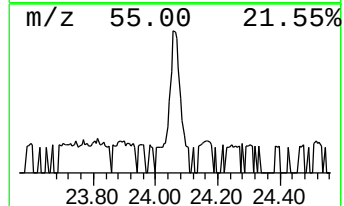
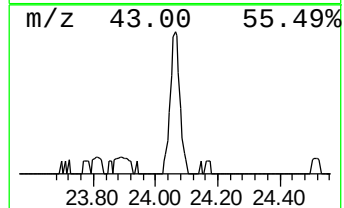
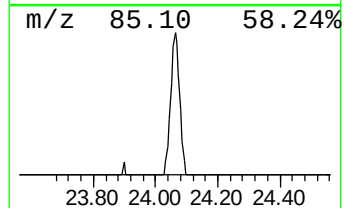
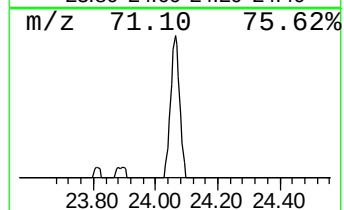
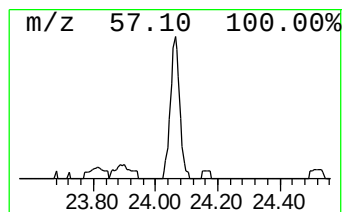
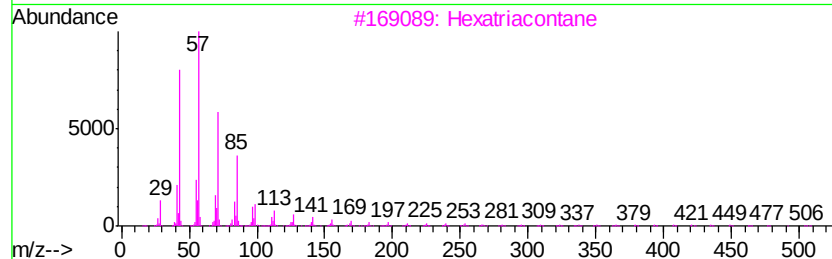
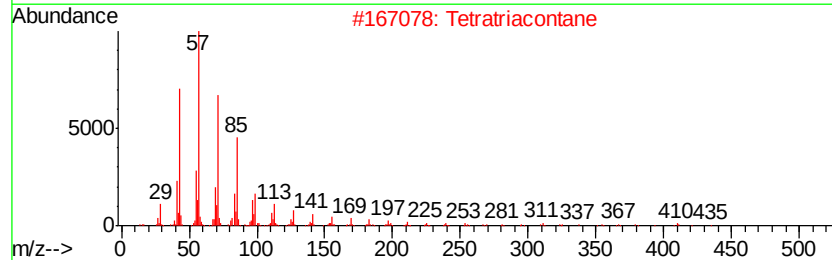
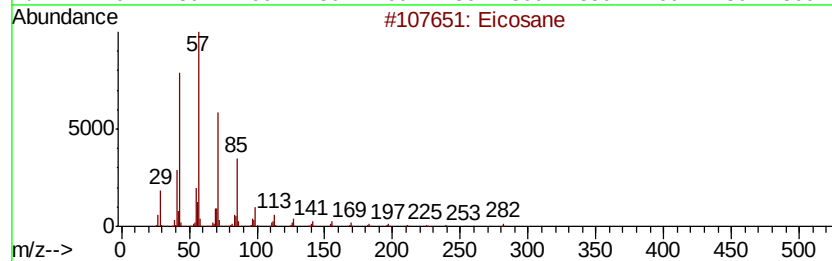
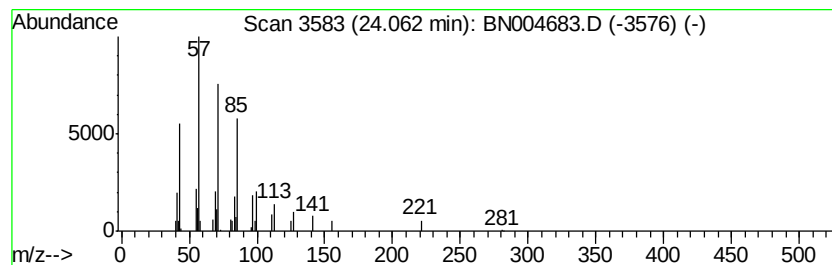
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	3.30 ng/ul	68833	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
Data File : BN004683.D
Acq On : 08 Mar 2019 21:03
Operator : JU/SJ
Sample : K1736-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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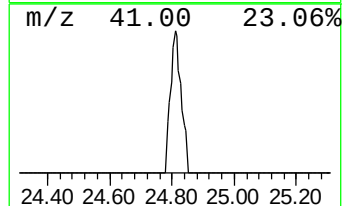
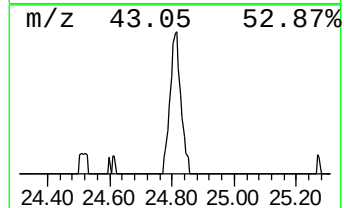
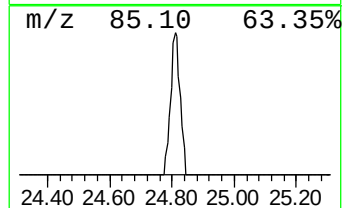
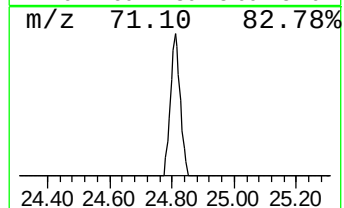
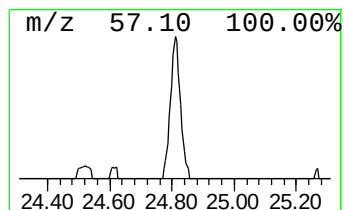
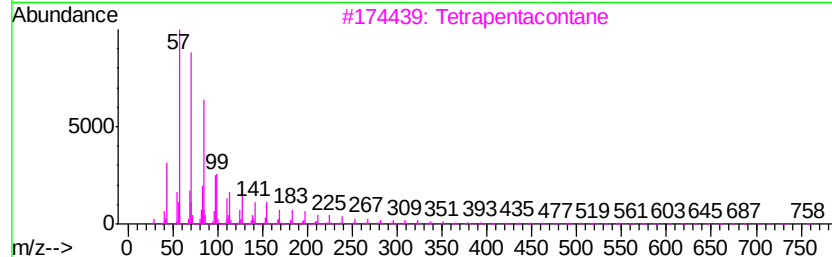
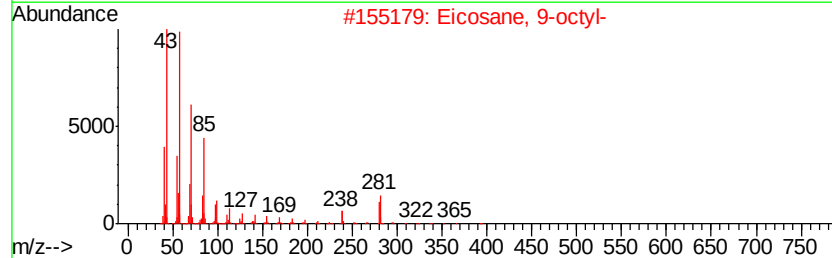
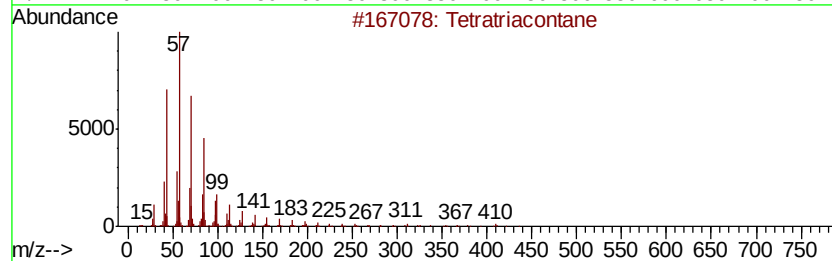
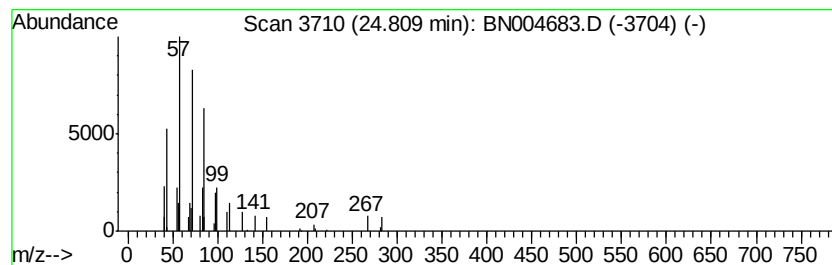
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	2.69 ng/ul	56061	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
3		Tetrapentacontane	759	C54H110	005856-66-6	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Eicosane	282	C20H42	000112-95-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030819\
Data File : BN004683.D
Acq On : 08 Mar 2019 21:03
Operator : JU/SJ
Sample : K1736-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.8	ng/ul	64014	4	17.11	461453	20.0
(DEL) Alkane: Str...	21.87	2.1	ng/ul	54331	5	21.31	514774	20.0
(DEL) Alkane: Str...	22.34	2.8	ng/ul	71451	5	21.31	514774	20.0
2,6,10,14,18,22-T...	22.47	3.0	ng/ul	63697	6	23.56	417328	20.0
(DEL) Alkane: Str...	22.84	3.8	ng/ul	79770	6	23.56	417328	20.0
(DEL) Alkane: Str...	24.06	3.3	ng/ul	68833	6	23.56	417328	20.0
(DEL) Alkane: Str...	24.81	2.7	ng/ul	56061	6	23.56	417328	20.0