

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046954.D
 Acq On : 18 Oct 2020 00:23
 Operator : CG/JU
 Sample : L4201-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ9

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_G\METHODS\SOM-EPA-BG101520MA.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	3.481	20	24	28	rBV	11354	15778	0.79%	0.073%
2	3.751	67	70	75	rVV3	9391	15422	0.77%	0.072%
3	4.004	110	113	121	rVB3	10465	17214	0.86%	0.080%
4	4.239	150	153	158	rVB3	3182	4351	0.22%	0.020%
5	4.450	185	189	193	rVB6	2741	4193	0.21%	0.019%
6	5.249	321	325	329	rBV4	4023	6703	0.33%	0.031%
7	7.218	652	660	670	rVV	265493	489567	24.46%	2.270%
8	7.388	681	689	697	rBV	194439	329509	16.46%	1.528%
9	7.599	715	725	730	rBV	266885	455066	22.73%	2.110%
10	7.646	730	733	741	rVB	30842	50061	2.50%	0.232%
11	8.070	797	805	813	rBV	204611	342386	17.11%	1.588%
12	8.122	813	814	819	rVB4	3360	3672	0.18%	0.017%
13	8.769	915	924	933	rBV	277813	484097	24.18%	2.245%
14	9.227	994	1002	1011	rBV	263612	472557	23.61%	2.192%
15	9.392	1025	1030	1034	rVB4	2186	3816	0.19%	0.018%
16	9.644	1069	1073	1078	rVV3	3120	4538	0.23%	0.021%
17	9.956	1118	1126	1133	rBV	248968	434243	21.69%	2.014%
18	10.496	1210	1218	1231	rBV	357201	640808	32.01%	2.972%
19	10.878	1274	1283	1290	rBV	286855	505129	25.24%	2.343%
20	11.007	1296	1305	1318	rBV2	220120	420307	21.00%	1.949%
21	11.336	1357	1361	1365	rBV	2696	3867	0.19%	0.018%
22	12.464	1546	1553	1557	rBV2	5669	8720	0.44%	0.040%
23	13.587	1738	1744	1749	rBV3	7285	10473	0.52%	0.049%
24	13.869	1788	1792	1796	rBV4	2542	3665	0.18%	0.017%
25	14.098	1823	1831	1835	rBV	690864	1003549	50.14%	4.654%
26	14.145	1835	1839	1844	rVB	238167	339461	16.96%	1.574%
27	14.392	1873	1881	1891	rVB	748107	1163304	58.12%	5.395%
28	14.591	1911	1915	1921	rBV6	2809	5456	0.27%	0.025%
29	14.697	1925	1933	1940	rBV	487599	772746	38.61%	3.584%
30	14.879	1957	1964	1976	rBV	304739	500455	25.00%	2.321%
31	15.026	1985	1989	1995	rBV5	6779	11242	0.56%	0.052%
32	15.484	2061	2067	2073	rBV2	9126	13028	0.65%	0.060%
33	15.684	2094	2101	2108	rBV	983446	1494172	74.65%	6.929%
34	15.737	2108	2110	2113	rVB2	4459	5372	0.27%	0.025%

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35	15.796	2113	2120	2130	rBV	336524	499140	24.94%	2.315%
36	15.925	2137	2142	2147	rVB3	13303	22649	1.13%	0.105%
37	15.966	2147	2149	2153	rBV3	2629	3590	0.18%	0.017%
38	16.148	2175	2180	2182	rBV3	2533	3583	0.18%	0.017%
39	16.389	2220	2221	2225	rVV4	4028	5124	0.26%	0.024%
40	16.466	2231	2234	2240	rVB7	5406	9694	0.48%	0.045%
41	16.977	2317	2321	2324	rVV4	18006	23829	1.19%	0.111%
42	17.182	2354	2356	2360	rBV4	3254	3899	0.19%	0.018%
43	17.224	2360	2363	2367	rBV3	3594	5102	0.25%	0.024%
44	17.318	2376	2379	2381	rBV4	4194	5154	0.26%	0.024%
45	17.441	2393	2400	2410	rBV	665871	1021205	51.02%	4.736%
46	17.541	2410	2417	2425	rVV	951096	1464631	73.17%	6.792%
47	17.600	2425	2427	2433	rVV5	6319	10603	0.53%	0.049%
48	17.776	2453	2457	2458	rVV2	4243	4050	0.20%	0.019%
49	17.811	2462	2463	2465	rVV2	5390	4445	0.22%	0.021%
50	17.846	2467	2469	2472	rVV3	3220	4315	0.22%	0.020%
51	17.976	2488	2491	2495	rVB2	3422	4138	0.21%	0.019%
52	18.193	2526	2528	2529	rBV2	5126	4189	0.21%	0.019%
53	18.322	2544	2550	2561	rBV	229466	348104	17.39%	1.614%
54	18.522	2579	2584	2587	rVB7	2559	4311	0.22%	0.020%
55	18.575	2589	2593	2596	rBV5	2426	3770	0.19%	0.017%
56	18.616	2598	2600	2602	rVB3	4737	4263	0.21%	0.020%
57	18.663	2604	2608	2609	rBV4	4829	6264	0.31%	0.029%
58	18.816	2630	2634	2637	rBV4	8560	13398	0.67%	0.062%
59	18.869	2641	2643	2647	rBV5	3681	5197	0.26%	0.024%
60	18.986	2659	2663	2665	rBV4	4075	5163	0.26%	0.024%
61	19.221	2698	2703	2710	rBV7	22200	39698	1.98%	0.184%
62	19.456	2737	2743	2747	rBV2	24410	57566	2.88%	0.267%
63	19.585	2761	2765	2775	rBV4	63335	104205	5.21%	0.483%
64	19.709	2782	2786	2790	rBV2	10980	16318	0.82%	0.076%
65	19.779	2796	2798	2799	rBV2	4192	3902	0.19%	0.018%
66	19.820	2799	2805	2815	rVV	1403924	2001664	100.00%	9.283%
67	19.891	2815	2817	2820	rVV4	3449	4865	0.24%	0.023%
68	20.320	2886	2890	2891	rBV4	16841	20984	1.05%	0.097%
69	20.343	2892	2894	2899	rVB4	21194	24467	1.22%	0.113%
70	20.479	2916	2917	2919	rVB2	5572	3667	0.18%	0.017%
71	20.543	2926	2928	2929	rBV2	4935	3914	0.20%	0.018%

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72	20.637	2941	2944	2945	rBV3	7294	6991	0.35%	0.032%
73	20.672	2948	2950	2952	rVV3	7755	6172	0.31%	0.029%
74	20.719	2952	2958	2964	rVV9	15975	36564	1.83%	0.170%
75	20.837	2974	2978	2983	rVB3	27682	35043	1.75%	0.163%
76	20.949	2993	2997	2999	rBV5	8961	10702	0.53%	0.050%
77	21.160	3030	3033	3037	rVB	29480	37415	1.87%	0.174%
78	21.342	3059	3064	3075	rBV	342171	573166	28.63%	2.658%
79	21.706	3120	3126	3133	rBV	651465	1068507	53.38%	4.955%
80	21.895	3155	3158	3166	rVB4	31109	48485	2.42%	0.225%
81	22.511	3258	3263	3266	rBV3	44597	81695	4.08%	0.379%
82	23.211	3376	3382	3389	rVB4	39715	84462	4.22%	0.392%
83	23.557	3437	3441	3451	rVB7	43827	83095	4.15%	0.385%
84	24.021	3514	3520	3525	rBV3	62985	127972	6.39%	0.593%
85	24.086	3525	3531	3543	rVV4	57936	167370	8.36%	0.776%
86	24.503	3601	3602	3604	rBV2	8257	4915	0.25%	0.023%
87	24.726	3629	3640	3650	rBV	621323	1709880	85.42%	7.930%
88	24.950	3668	3678	3688	rBV2	366552	1114765	55.69%	5.170%
89	25.291	3734	3736	3737	rBV2	6895	4622	0.23%	0.021%
90	26.119	3868	3877	3887	rVB5	75769	218971	10.94%	1.016%
91	26.236	3891	3897	3898	rBV6	51301	71065	3.55%	0.330%
92	27.306	4077	4079	4082	rBV3	7399	8153	0.41%	0.038%
93	27.329	4082	4083	4085	rBV2	7725	4574	0.23%	0.021%
94	27.476	4104	4108	4119	rVB6	26007	74648	3.73%	0.346%
95	27.570	4122	4124	4126	rBV3	8722	7883	0.39%	0.037%
96	29.139	4382	4391	4397	rBV5	33309	123421	6.17%	0.572%
97	29.350	4424	4427	4429	rBV4	13467	17252	0.86%	0.080%
98	30.537	4627	4629	4631	rVB3	9800	5581	0.28%	0.026%
99	31.066	4717	4719	4722	rBV3	8311	11482	0.57%	0.053%
100	31.101	4722	4725	4726	rBV3	10063	11706	0.58%	0.054%

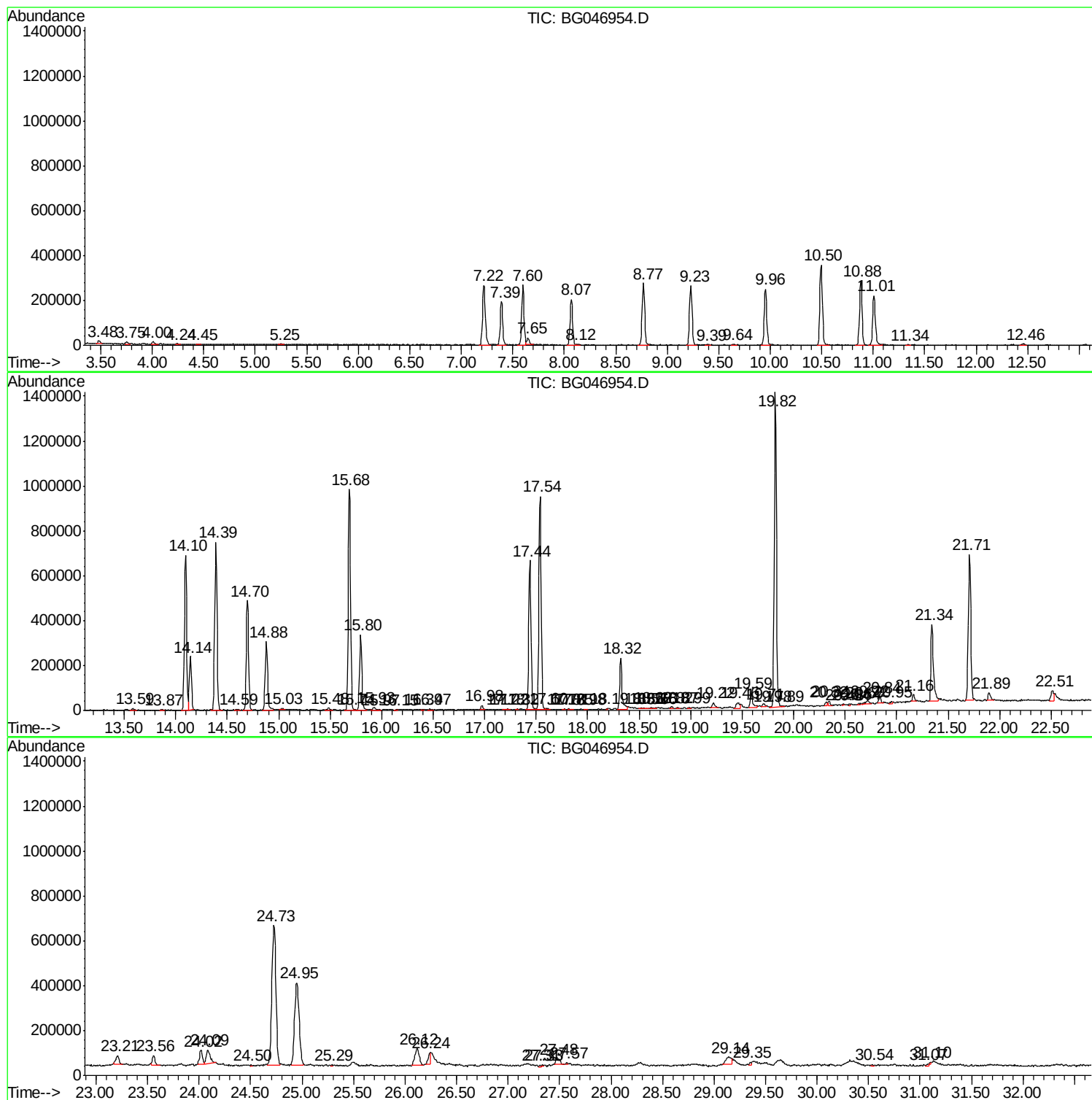
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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



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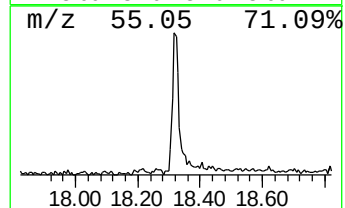
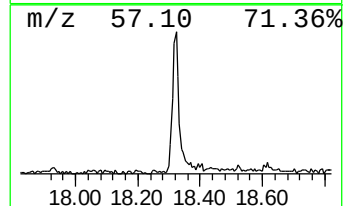
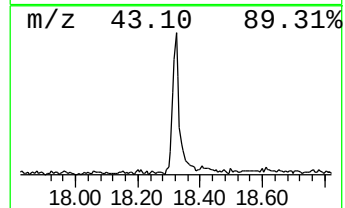
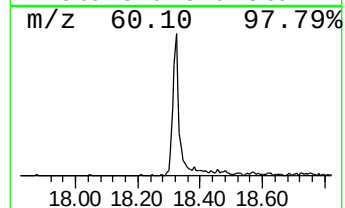
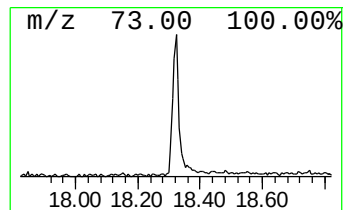
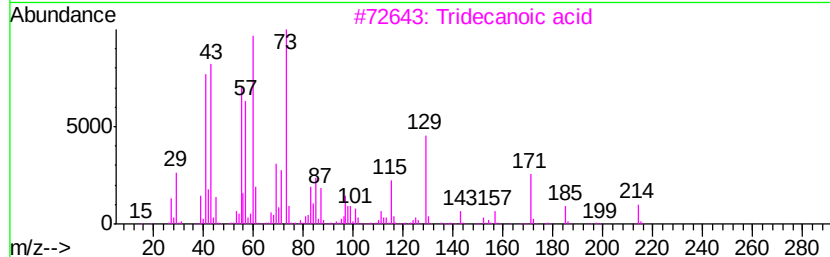
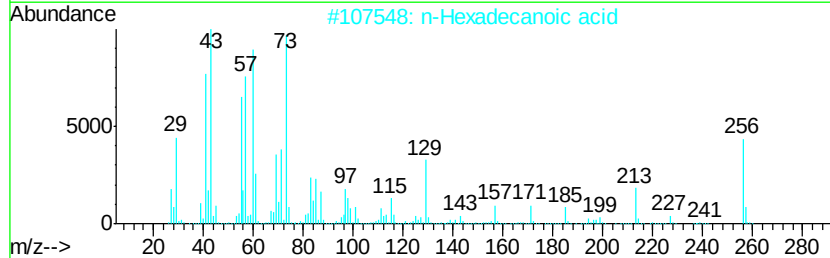
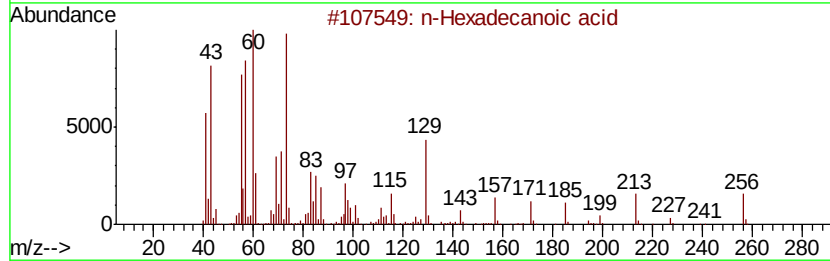
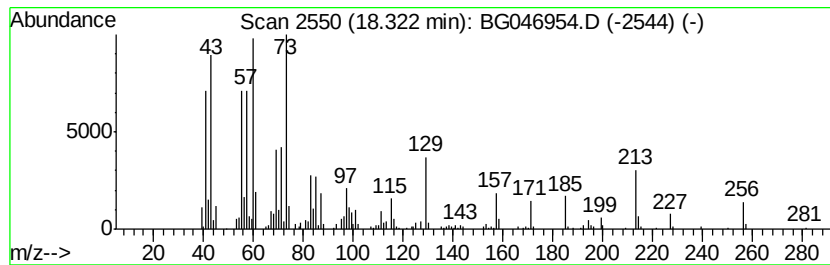
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.32	6.82 ng/ul	348104	Phenanthrene-d10	17.44	
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	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89



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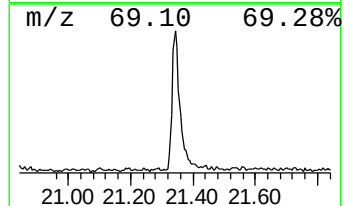
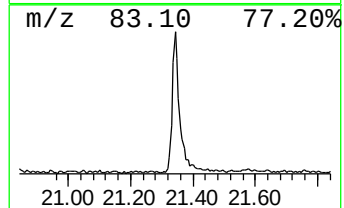
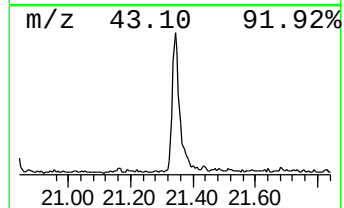
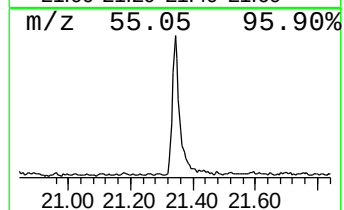
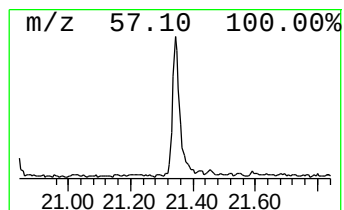
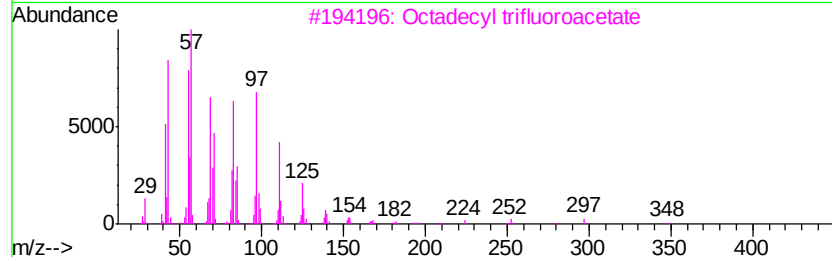
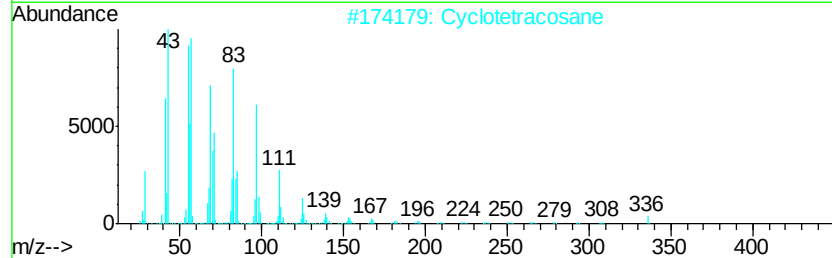
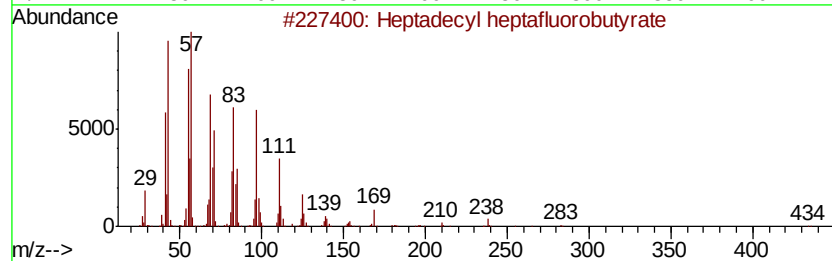
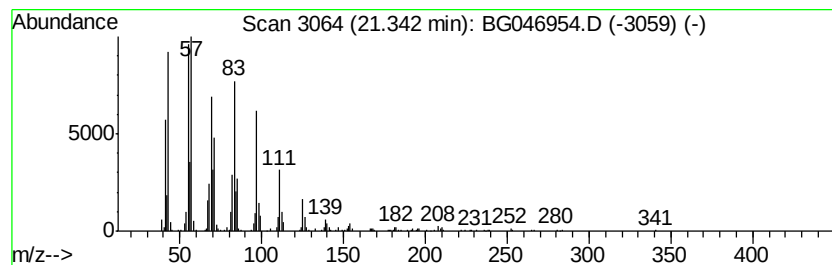
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	10.73 ng/ul	573166	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Cyclotetracosane	336	C24H48	000297-03-0	91
3		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91



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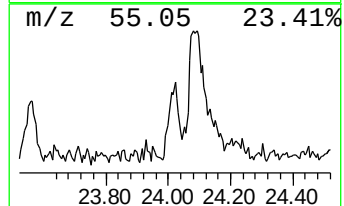
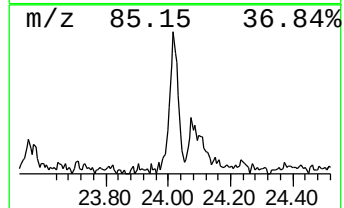
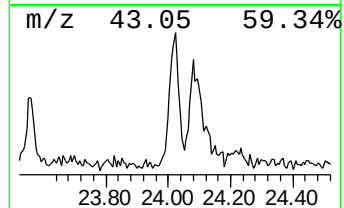
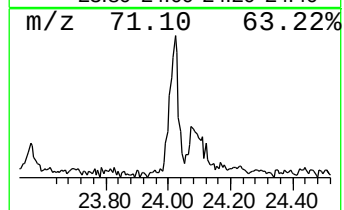
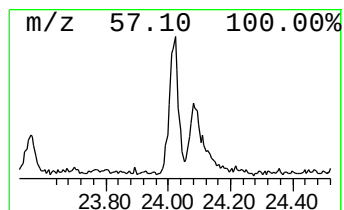
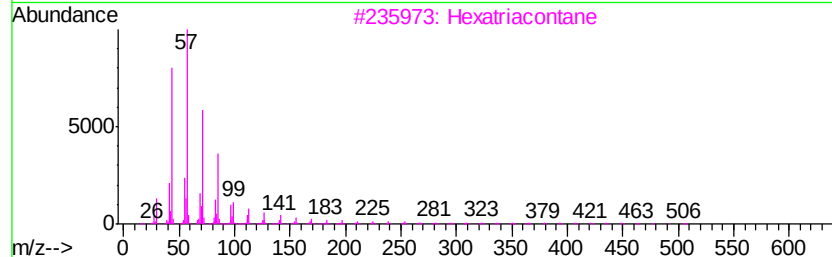
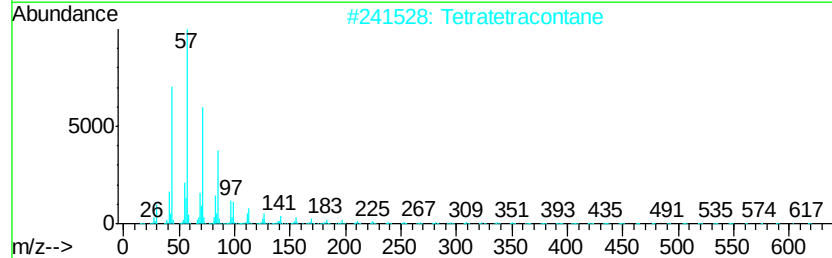
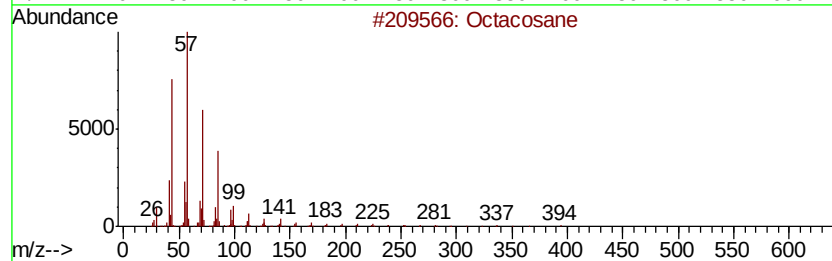
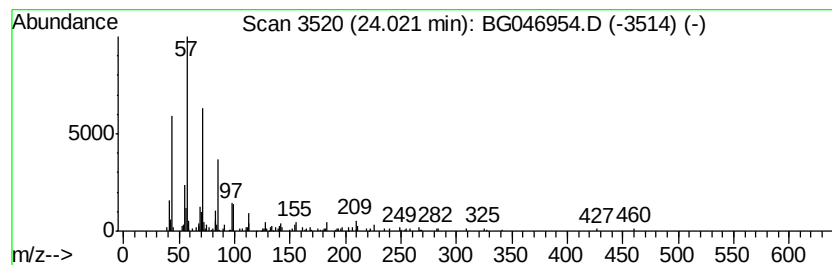
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.30 ng/ul	127972	Perylene-d12	24.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Tetratetracontane	619	C44H90	007098-22-8	86
3		Hexatriacontane	507	C36H74	000630-06-8	86
4		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	83
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046954.D
Acq On : 18 Oct 2020 00:23
Operator : CG/JU
Sample : L4201-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ9

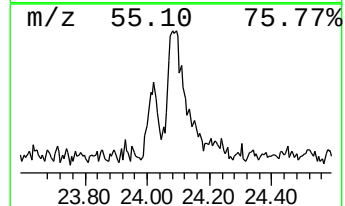
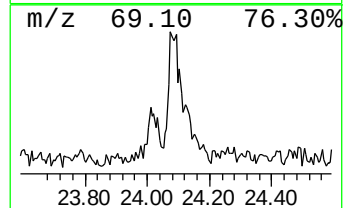
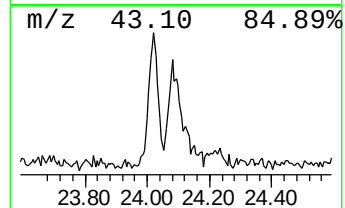
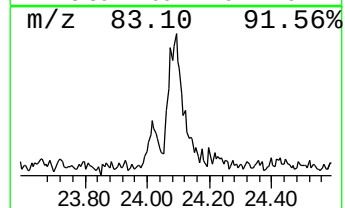
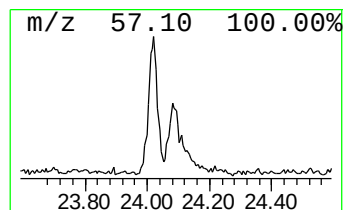
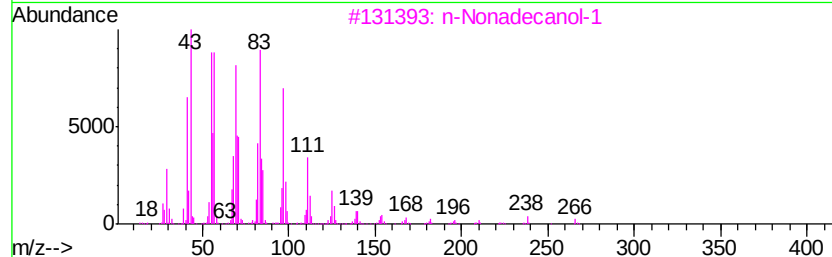
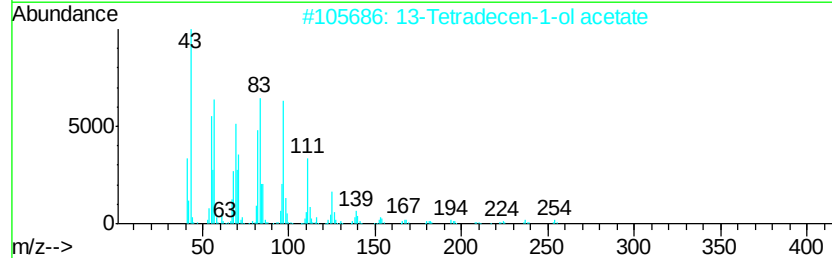
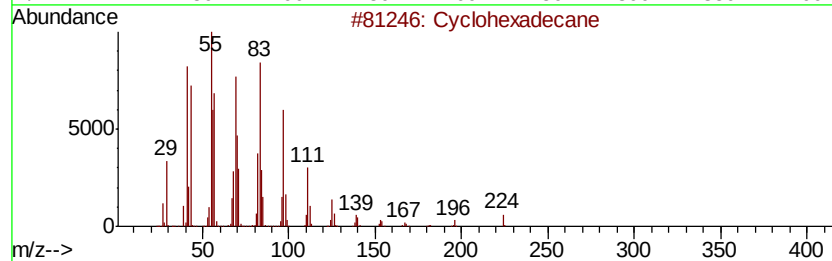
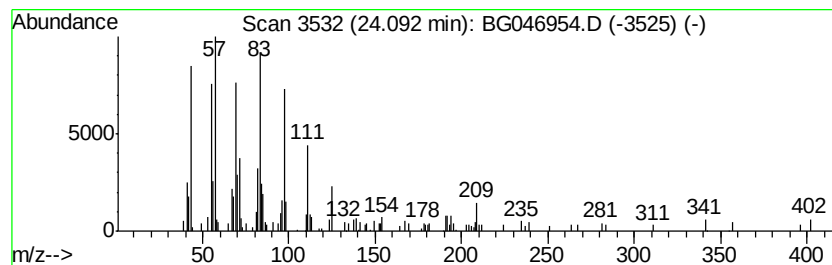
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic24.09 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	3.00 ng/ul	167370	Perylene-d12	24.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	93
2		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	89
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	87
4		1-Octadecanol	270	C18H38O	000112-92-5	87
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046954.D
Acq On : 18 Oct 2020 00:23
Operator : CG/JU
Sample : L4201-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ9

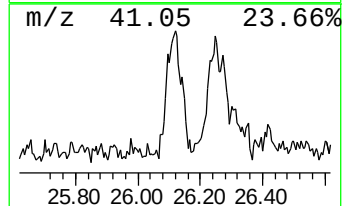
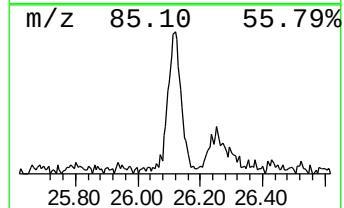
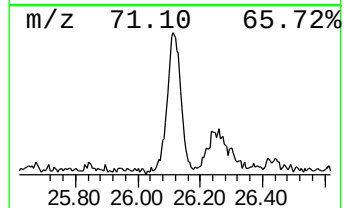
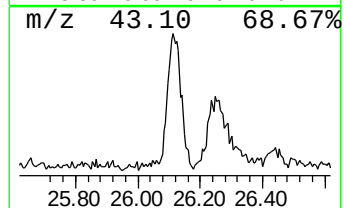
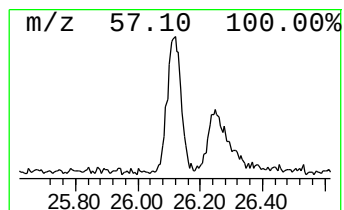
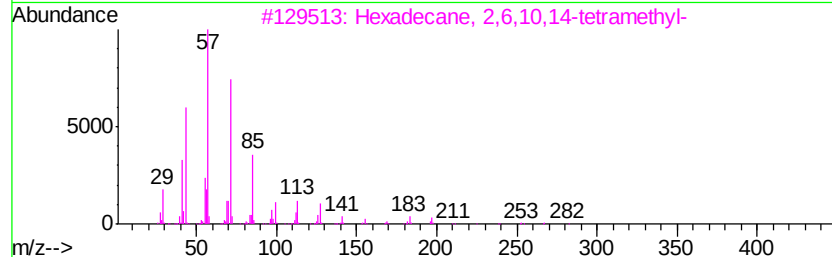
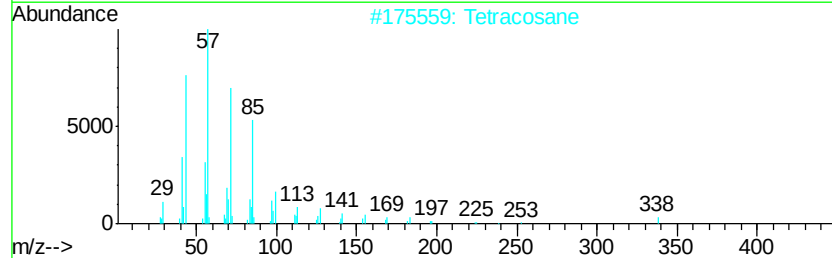
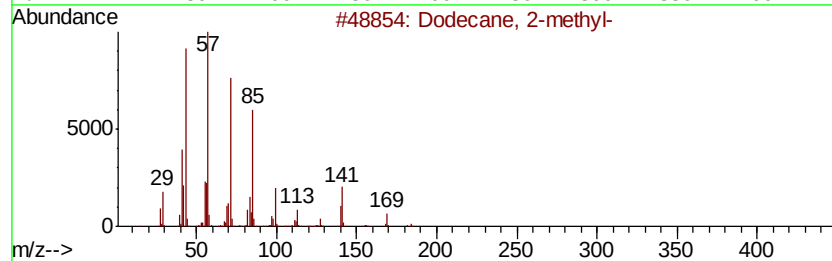
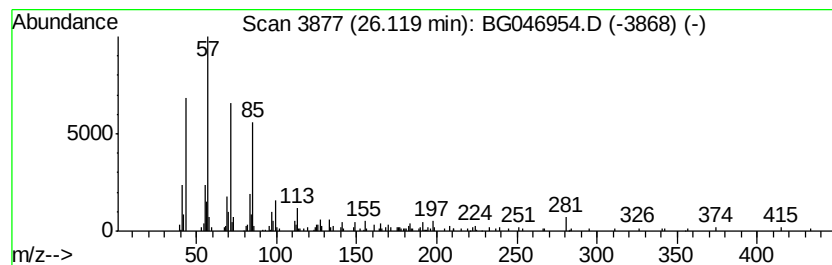
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	3.93 ng/ul	218971	Perylene-d12	24.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
2		Tetracosane	338	C24H50	000646-31-1	87
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		2-methyloctacosane	408	C29H60	1000376-72-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046954.D
Acq On : 18 Oct 2020 00:23
Operator : CG/JU
Sample : L4201-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ9

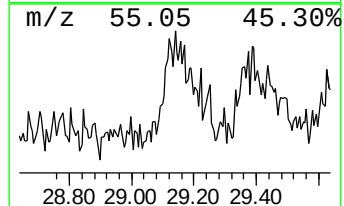
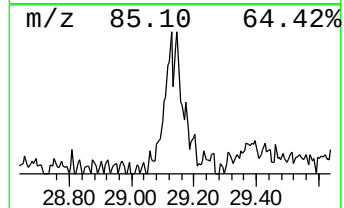
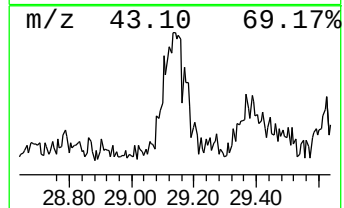
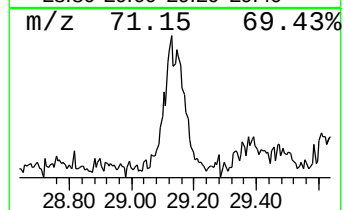
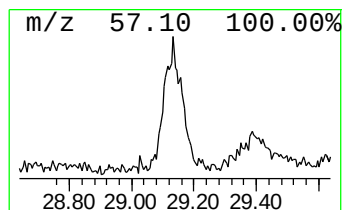
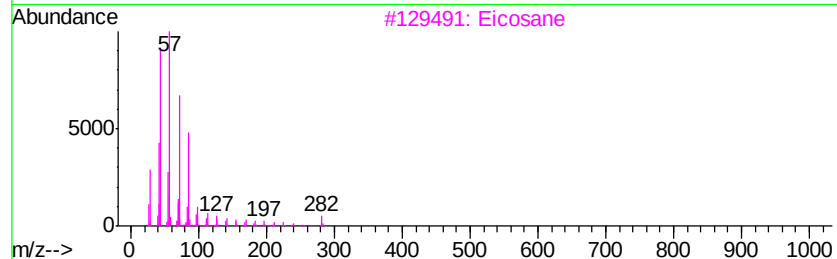
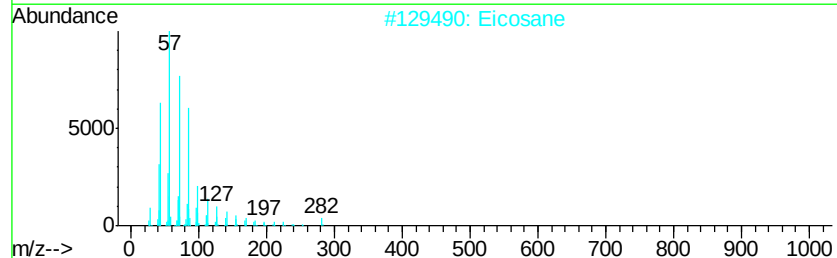
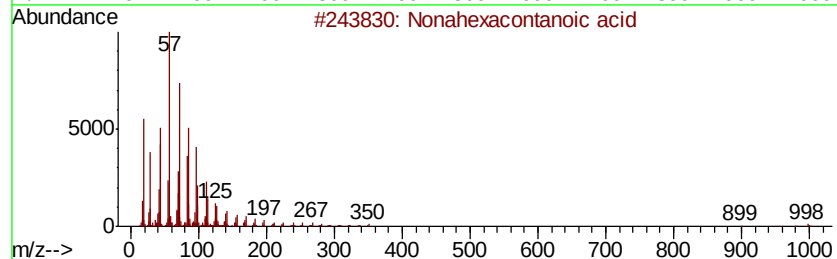
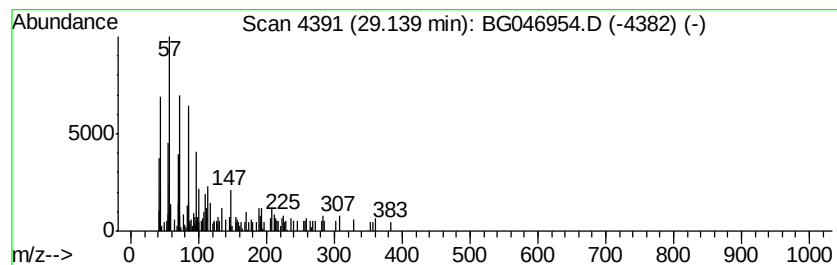
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Nonaheptacontanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.14	2.21 ng/ul	123421	Perylene-d12	24.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonaheptacontanoic acid	999	C69H138O2	040710-32-5	52
2		Eicosane	282	C20H42	000112-95-8	50
3		Eicosane	282	C20H42	000112-95-8	46
4		10-Methylnonadecane	282	C20H42	056862-62-5	45
5		Tetracosane	338	C24H50	000646-31-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101720\
Data File : BG046954.D
Acq On : 18 Oct 2020 00:23
Operator : CG/JU
Sample : L4201-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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	18.32	6.8	ng/ul	348104	4	17.44	1021210	20.0
Heptadecyl heptaf...	21.34	10.7	ng/ul	573166	5	21.71	1068510	20.0
(DEL) Alkane: Str...	24.02	2.3	ng/ul	127972	6	24.94	1114770	20.0
(DEL) Alkane: Cyc...	24.09	3.0	ng/ul	167370	6	24.94	1114770	20.0
(DEL) Alkane: Str...	26.12	3.9	ng/ul	218971	6	24.94	1114770	20.0
Nonahexacontanoic...	29.14	2.2	ng/ul	123421	6	24.94	1114770	20.0