

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
 Data File : BM020584.D
 Acq On : 28 May 2019 19:51
 Operator : JU/SJ
 Sample : K2692-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5175

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-BM051619MA.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	3.099	17	19	29	rVB	30243	44831	1.07%	0.138%
2	6.810	644	650	667	rBV	207670	507707	12.13%	1.563%
3	6.975	673	678	694	rBV	202269	391437	9.35%	1.205%
4	7.163	703	710	730	rVB	300250	585631	13.99%	1.803%
5	7.628	784	789	806	rBV	167723	360787	8.62%	1.111%
6	8.345	905	911	934	rBV	271137	691663	16.52%	2.130%
7	8.804	982	989	1011	rBV	271653	617102	14.74%	1.900%
8	9.134	1041	1045	1050	rVB2	15402	21735	0.52%	0.067%
9	9.516	1104	1110	1135	rBV	237546	550280	13.14%	1.694%
10	10.051	1194	1201	1223	rBV	329232	831298	19.85%	2.559%
11	10.422	1257	1264	1280	rBV	283950	562835	13.44%	1.733%
12	10.581	1285	1291	1310	rBV	187544	574015	13.71%	1.767%
13	13.710	1816	1823	1827	rBV	1140268	1610554	38.46%	4.959%
14	13.757	1827	1831	1853	rVB	432419	675984	16.14%	2.081%
15	13.986	1863	1870	1886	rBV	1142487	1795623	42.88%	5.528%
16	14.292	1916	1922	1934	rBV2	564307	898030	21.45%	2.765%
17	14.551	1959	1966	1983	rBV4	67082	335128	8.00%	1.032%
18	15.127	2060	2064	2068	rVB3	4039	5607	0.13%	0.017%
19	15.292	2085	2092	2111	rBV	1558065	2403766	57.41%	7.401%
20	15.433	2111	2116	2128	rVV	426468	730677	17.45%	2.250%
21	15.527	2128	2132	2142	rVB2	22549	47082	1.12%	0.145%
22	17.045	2384	2390	2401	rBV2	790870	1245982	29.76%	3.836%
23	17.145	2401	2407	2436	rVB2	1519022	2547316	60.84%	7.843%
24	17.939	2537	2542	2551	rBV	194676	327032	7.81%	1.007%
25	18.221	2585	2590	2597	rVB6	4302	7591	0.18%	0.023%
26	18.333	2603	2609	2611	rBV4	7588	17012	0.41%	0.052%
27	18.745	2671	2679	2680	rBV4	3063	5275	0.13%	0.016%
28	18.768	2680	2683	2686	rVB4	3508	4939	0.12%	0.015%
29	18.857	2693	2698	2701	rBV6	3931	5722	0.14%	0.018%
30	19.080	2732	2736	2745	rBV2	23183	62028	1.48%	0.191%
31	19.157	2745	2749	2753	rVB	50299	61217	1.46%	0.188%
32	19.221	2756	2760	2769	rBV2	103786	178926	4.27%	0.551%
33	19.339	2775	2780	2784	rVB2	13913	23276	0.56%	0.072%
34	19.451	2792	2799	2819	rBV	2609438	3818098	91.19%	11.755%

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35	19.686	2837	2839	2845	rVB6	6224	6911	0.17%	0.021%
36	19.980	2882	2889	2894	rBV6	12327	27009	0.65%	0.083%
37	20.145	2915	2917	2922	rVB6	11336	13147	0.31%	0.040%
38	20.380	2953	2957	2961	rBV3	28551	43568	1.04%	0.134%
39	20.474	2969	2973	2978	rBV6	18410	23545	0.56%	0.072%
40	20.945	3048	3053	3061	rBV	190977	305384	7.29%	0.940%
41	21.245	3098	3104	3119	rBV	1162403	1811405	43.26%	5.577%
42	21.374	3123	3126	3131	rVV	78204	89820	2.15%	0.277%
43	21.803	3195	3199	3201	rBV	169457	193180	4.61%	0.595%
44	21.827	3201	3203	3210	rVB4	98173	143871	3.44%	0.443%
45	22.256	3272	3276	3282	rBV	232168	314843	7.52%	0.969%
46	22.756	3356	3361	3366	rVB	336472	465566	11.12%	1.433%
47	23.327	3450	3458	3474	rBV2	1928452	4187156	100.00%	12.891%
48	23.474	3476	3483	3495	rVB	781088	1594149	38.07%	4.908%
49	23.950	3558	3564	3572	rBV	230605	431547	10.31%	1.329%
50	24.686	3684	3689	3696	rVB2	136812	282747	6.75%	0.871%

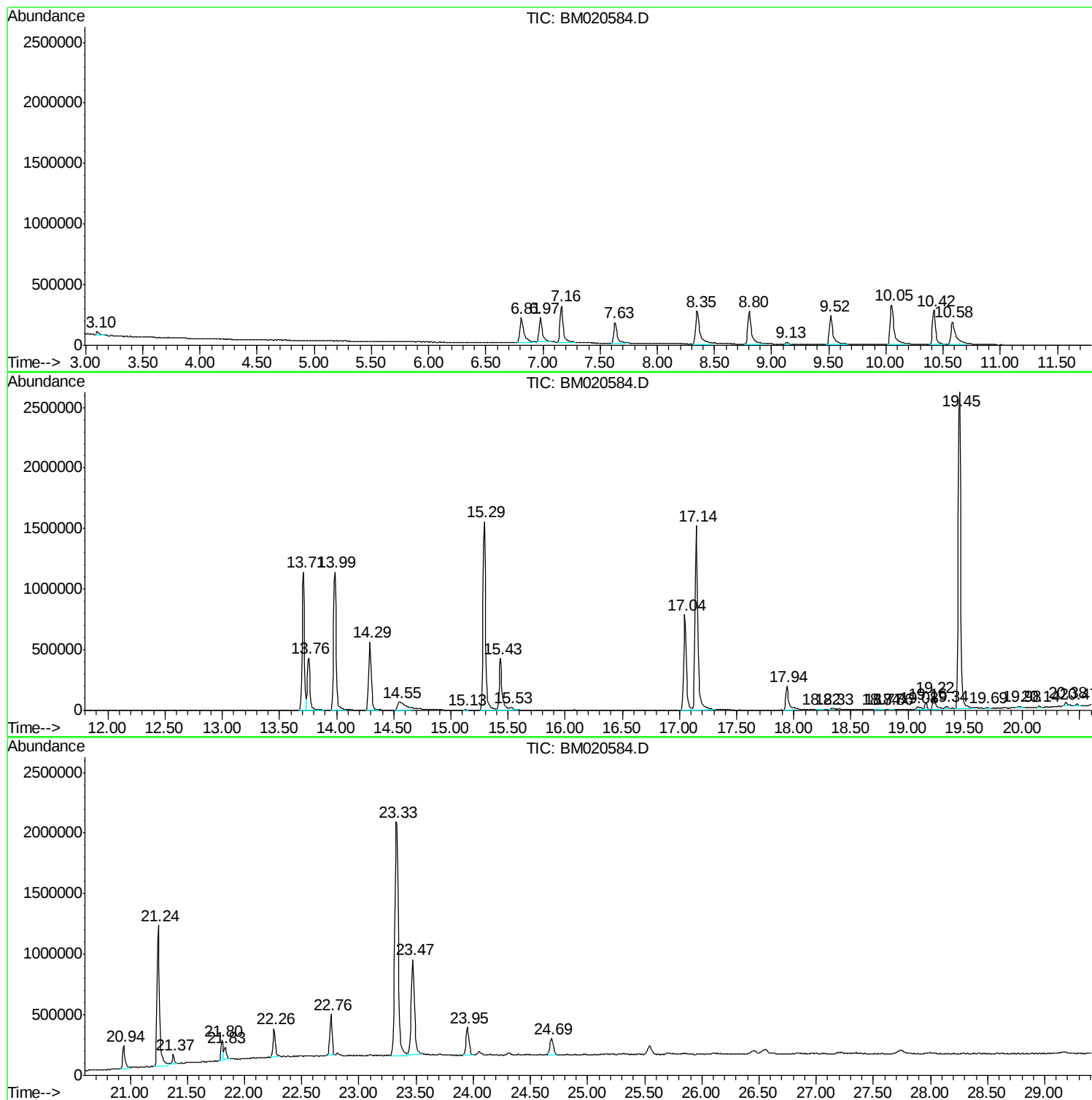
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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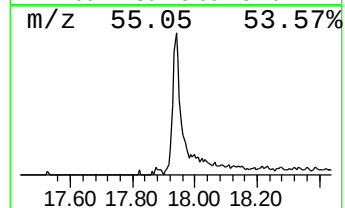
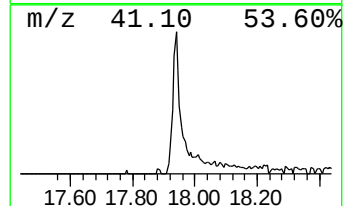
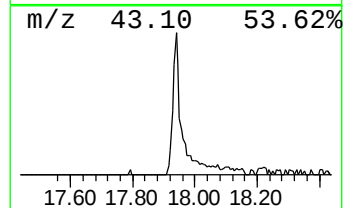
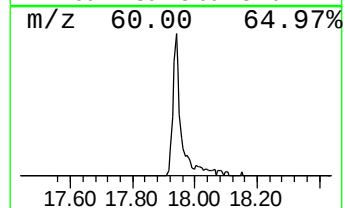
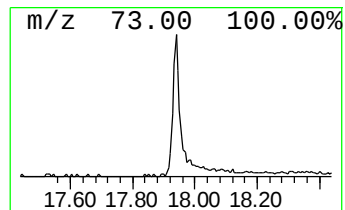
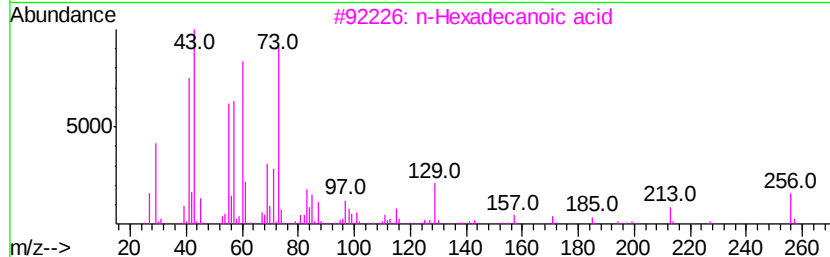
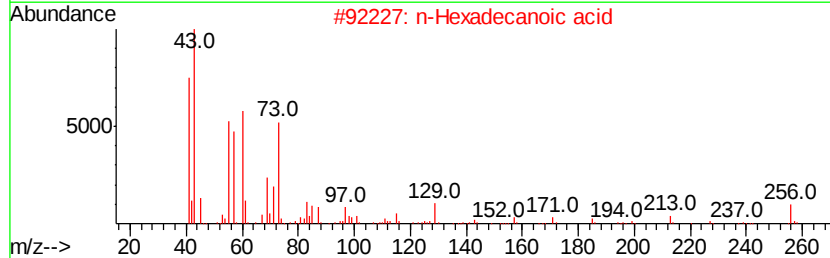
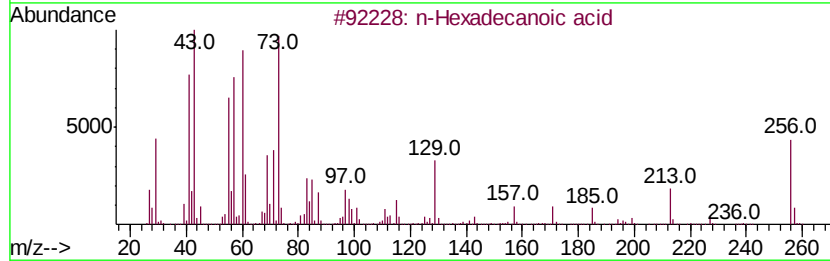
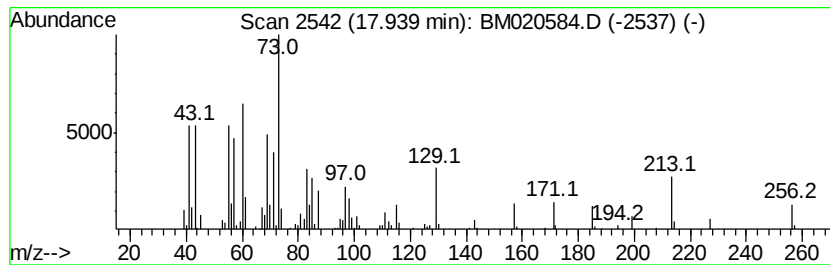
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.94	5.25 ng/ul	327032	Phenanthrene-d10		17.04		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	50



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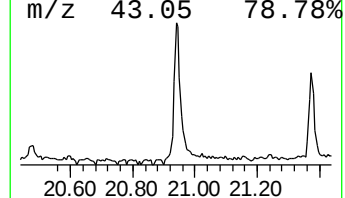
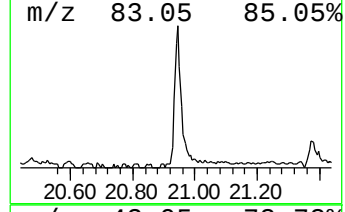
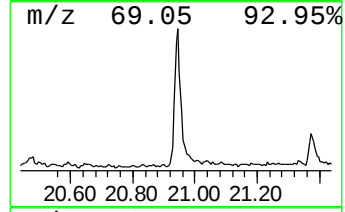
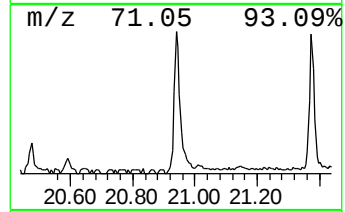
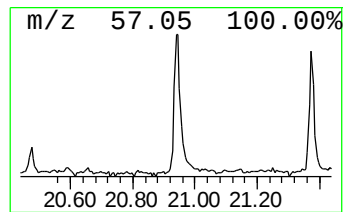
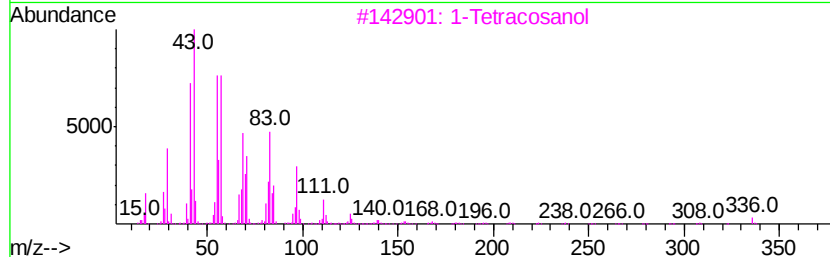
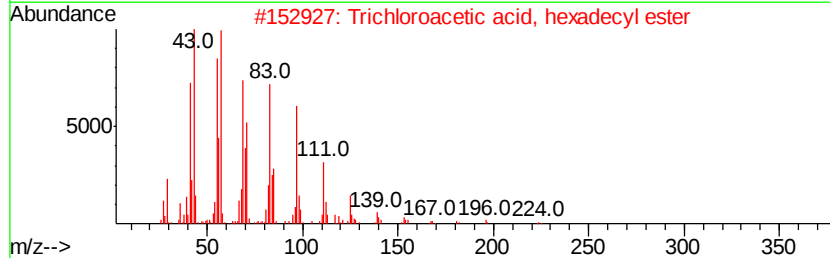
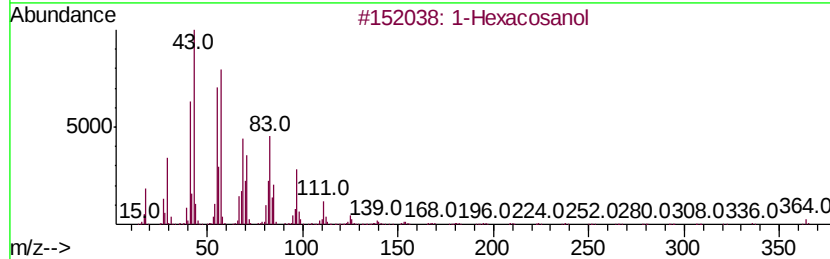
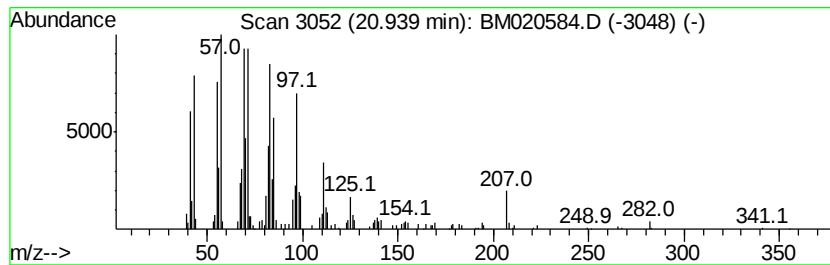
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Hexacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.37 ng/ul	305384	Chrysene-d12	21.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexacosanol		382 C26H54O	000506-52-5 91
2	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 91
3	1-Tetracosanol		354 C24H50O	000506-51-4 90
4	1-Heneicosyl formate		340 C22H44O2	077899-03-7 87
5	1-Nonadecanol		284 C19H40O	001454-84-8 87



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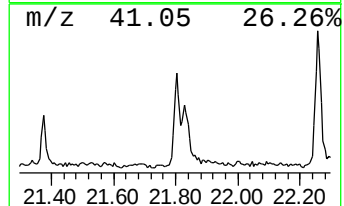
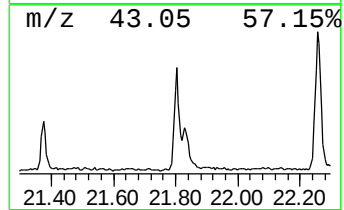
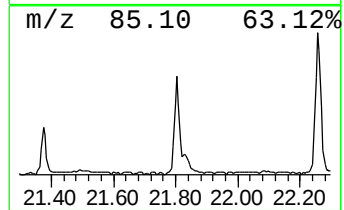
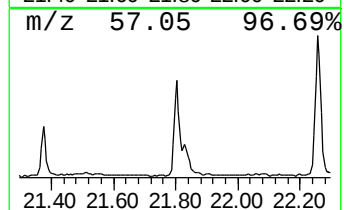
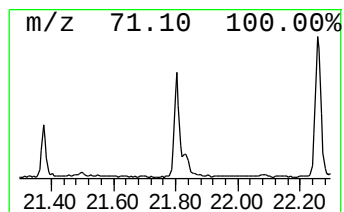
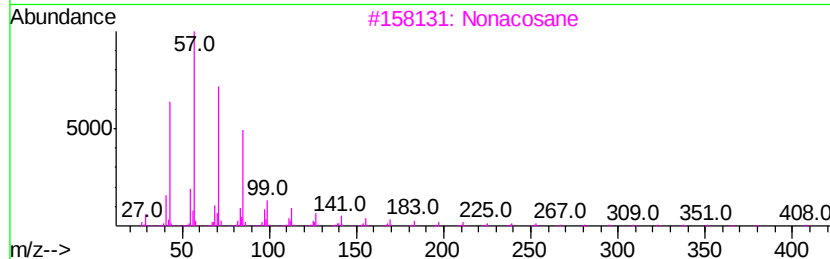
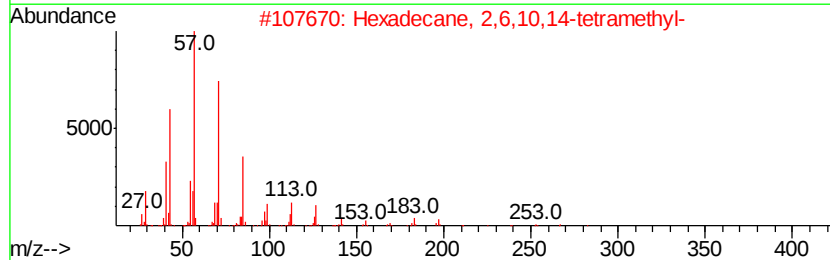
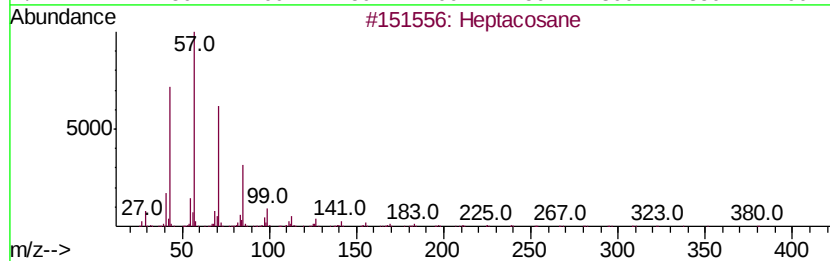
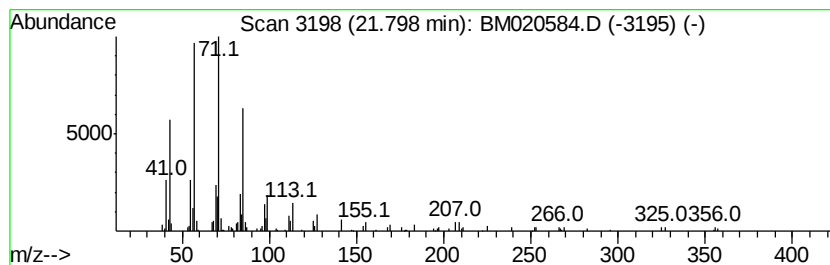
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.13 ng/ul	193180	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Nonacosane	408	C29H60	000630-03-5	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Hentriacontane	437	C31H64	000630-04-6	83



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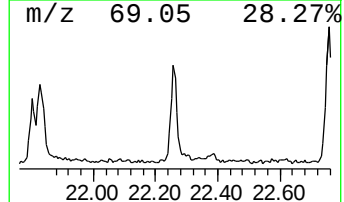
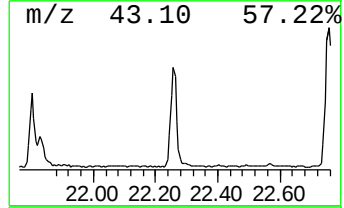
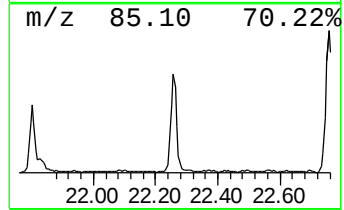
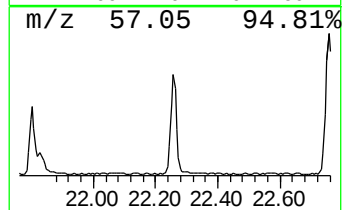
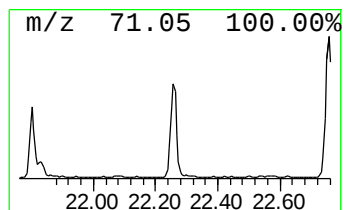
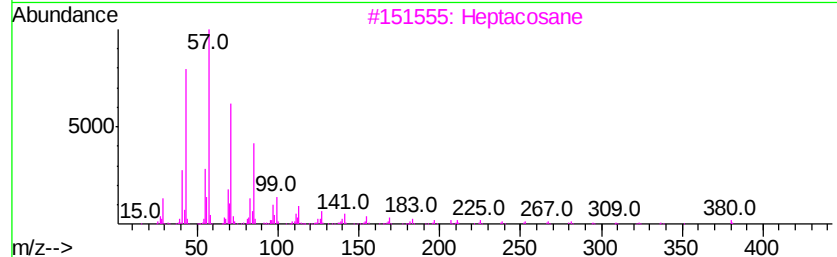
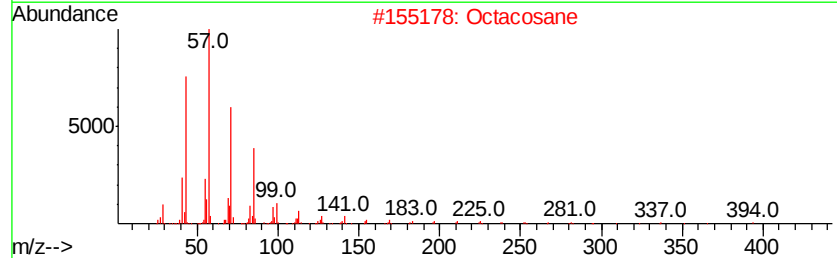
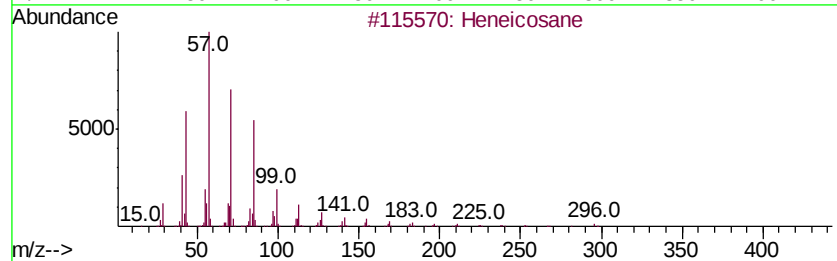
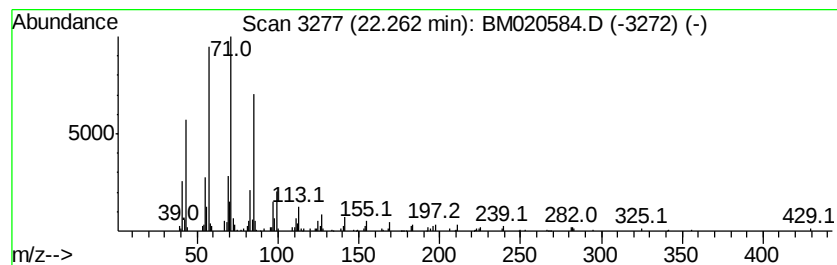
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	3.48 ng/ul	314843	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Hexatriacontane	507	C36H74	000630-06-8	86
5		Eicosane	282	C20H42	000112-95-8	72



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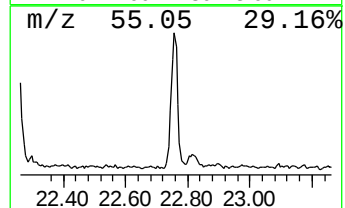
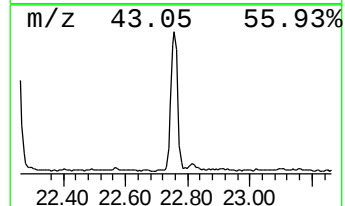
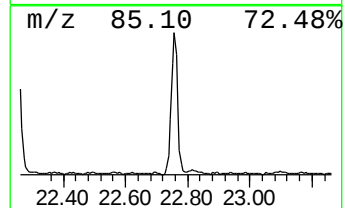
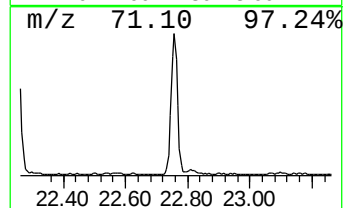
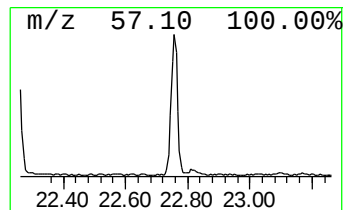
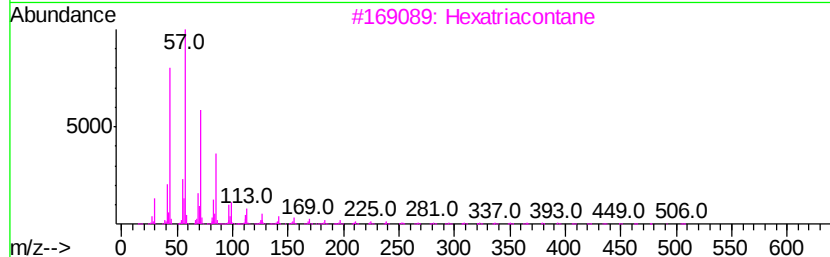
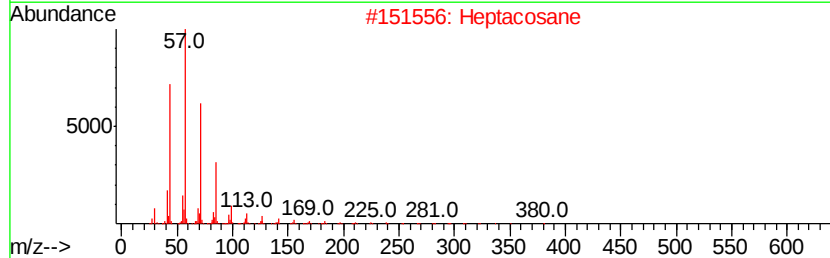
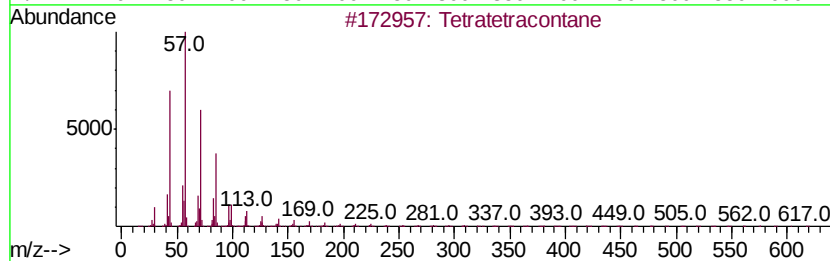
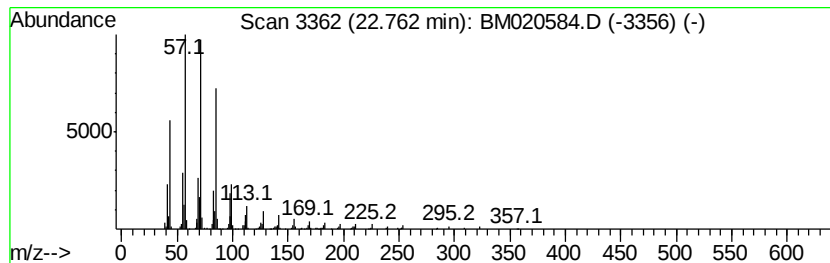
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	5.84 ng/ul	465566	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Heptacosane	380	C27H56	000593-49-7	87
3		Hexatriacontane	507	C36H74	000630-06-8	83
4		Octacosane	394	C28H58	000630-02-4	83
5		Nonacosane	408	C29H60	000630-03-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
Data File : BM020584.D
Acq On : 28 May 2019 19:51
Operator : JU/SJ
Sample : K2692-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5175

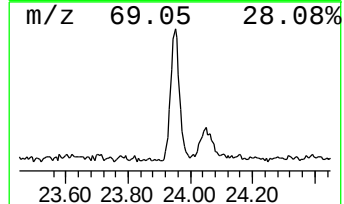
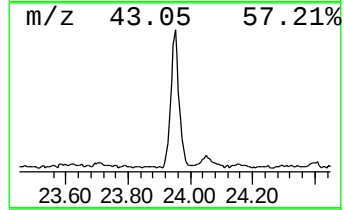
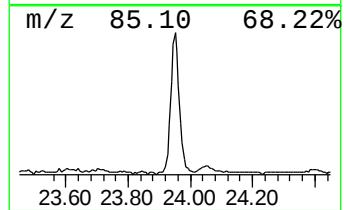
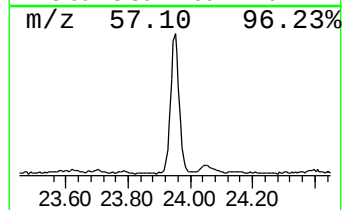
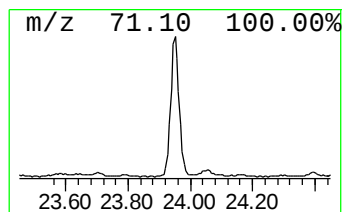
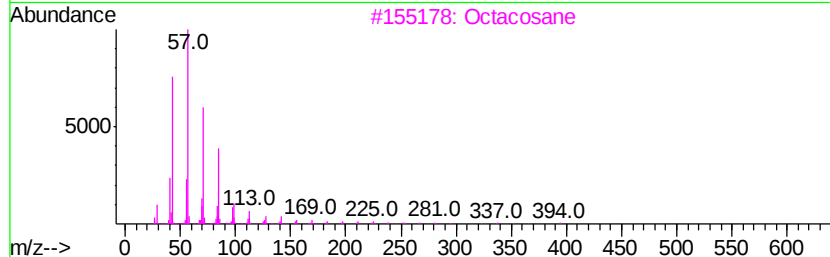
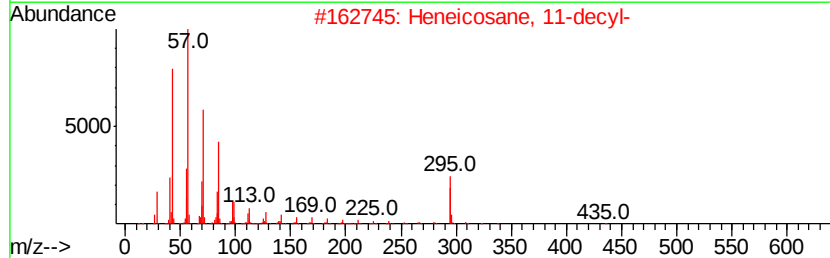
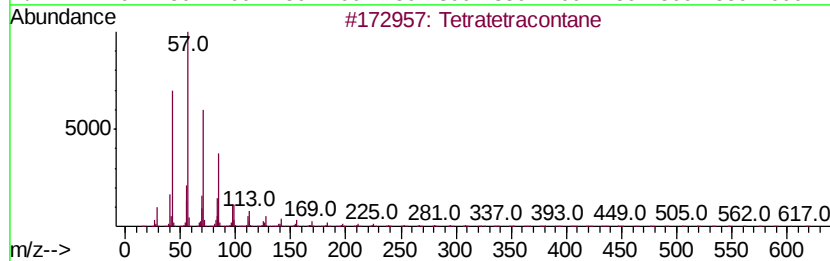
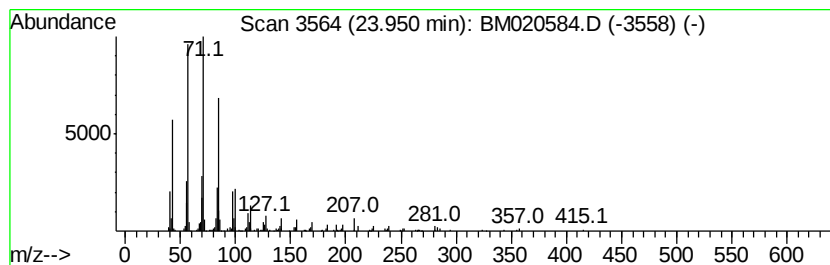
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Quant Title : SVOA CALIBRATION

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.
23.95	5.41 ng/ul	431547	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
3		Octacosane	394	C28H58	000630-02-4	81
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74
5		Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
Data File : BM020584.D
Acq On : 28 May 2019 19:51
Operator : JU/SJ
Sample : K2692-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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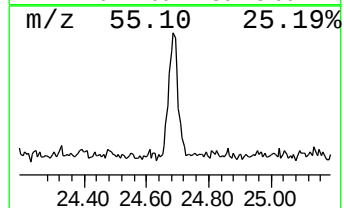
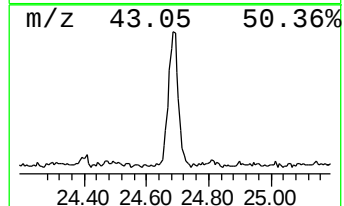
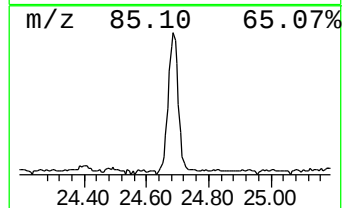
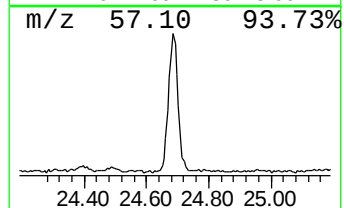
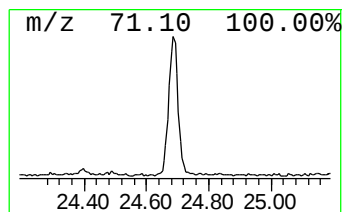
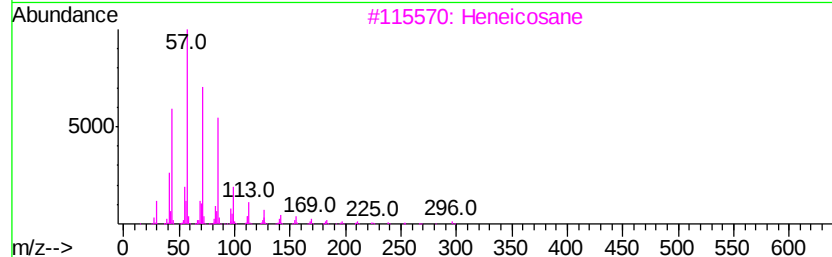
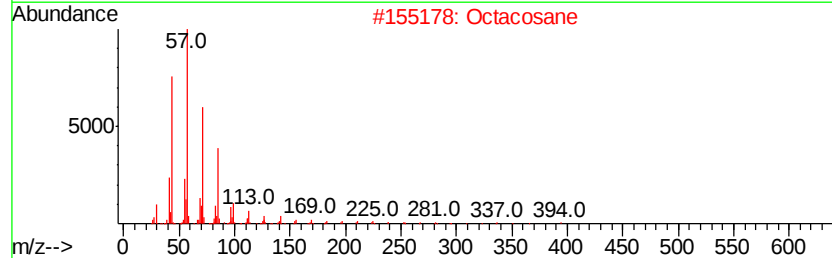
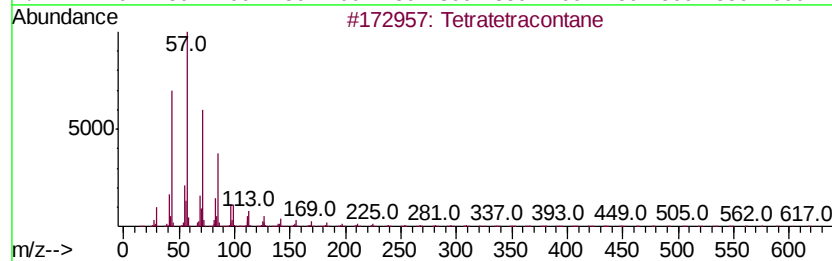
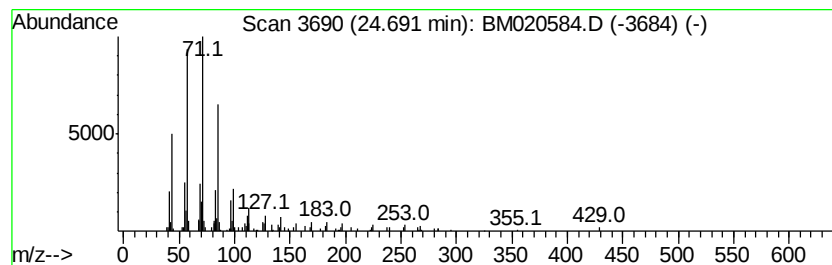
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	3.55 ng/ul	282747	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Heneicosane	296	C21H44	000629-94-7	83
4		Heptacosane	380	C27H56	000593-49-7	83
5		Hexatriacontane	507	C36H74	000630-06-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052919\
Data File : BM020584.D
Acq On : 28 May 2019 19:51
Operator : JU/SJ
Sample : K2692-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5175

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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	17.94	5.3	ng/ul	327032	4	17.04	1245980	20.0
1-Hexacosanol	20.94	3.4	ng/ul	305384	5	21.24	1811410	20.0
(DEL) Alkane: Str...	21.80	2.1	ng/ul	193180	5	21.24	1811410	20.0
(DEL) Alkane: Str...	22.26	3.5	ng/ul	314843	5	21.24	1811410	20.0
(DEL) Alkane: Str...	22.76	5.8	ng/ul	465566	6	23.47	1594150	20.0
(DEL) Alkane: Str...	23.95	5.4	ng/ul	431547	6	23.47	1594150	20.0
(DEL) Alkane: Str...	24.69	3.5	ng/ul	282747	6	23.47	1594150	20.0