

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
 Data File : BM020585.D
 Acq On : 28 May 2019 20:28
 Operator : JU/SJ
 Sample : K2692-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5173

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	6.810	645	650	667	rBV	117916	321054	9.49%	1.325%
2	6.975	673	678	693	rBV	117751	253684	7.50%	1.047%
3	7.163	704	710	734	rVB	191004	405322	11.98%	1.672%
4	7.634	784	790	805	rBV	127612	275180	8.13%	1.135%
5	8.345	906	911	937	rBV	166575	446025	13.18%	1.840%
6	8.804	983	989	1006	rBV	167270	394294	11.65%	1.627%
7	9.140	1041	1046	1050	rBV3	8338	12812	0.38%	0.053%
8	9.516	1104	1110	1125	rBV2	142792	342369	10.12%	1.413%
9	10.051	1194	1201	1217	rBV	212146	512992	15.16%	2.117%
10	10.192	1223	1225	1231	rVB3	6793	9603	0.28%	0.040%
11	10.416	1257	1263	1279	rBV	221221	431480	12.75%	1.780%
12	10.581	1285	1291	1311	rBV	128262	406043	12.00%	1.675%
13	13.710	1816	1823	1827	rBV	829111	1154150	34.10%	4.762%
14	13.751	1827	1830	1844	rVB	261809	420374	12.42%	1.735%
15	13.986	1863	1870	1887	rBV	776697	1269371	37.50%	5.238%
16	14.292	1915	1922	1934	rBV2	452897	718480	21.23%	2.965%
17	14.563	1959	1968	1971	rBV4	36356	94897	2.80%	0.392%
18	15.292	2085	2092	2111	rBV	1021778	1709390	50.51%	7.053%
19	15.433	2111	2116	2129	rVV	285774	485979	14.36%	2.005%
20	15.527	2129	2132	2139	rVB4	11910	21283	0.63%	0.088%
21	17.045	2384	2390	2401	rBV	644415	1011191	29.88%	4.172%
22	17.145	2401	2407	2435	rVB	1161981	1963491	58.01%	8.102%
23	17.904	2529	2536	2537	rBV4	3339	5650	0.17%	0.023%
24	17.933	2537	2541	2552	rBV	128124	245624	7.26%	1.014%
25	18.010	2552	2554	2557	rVB3	8691	9896	0.29%	0.041%
26	18.227	2585	2591	2594	rVB8	3121	5220	0.15%	0.022%
27	18.768	2680	2683	2685	rVB3	4174	4344	0.13%	0.018%
28	18.851	2695	2697	2703	rVB4	2749	3911	0.12%	0.016%
29	19.086	2732	2737	2743	rVV	13553	28802	0.85%	0.119%
30	19.221	2754	2760	2766	rBV3	45511	80459	2.38%	0.332%
31	19.339	2775	2780	2786	rVB	10363	16329	0.48%	0.067%
32	19.451	2792	2799	2820	rBV	1873662	2793336	82.53%	11.526%
33	19.851	2863	2867	2872	rBV7	4421	8314	0.25%	0.034%
34	19.968	2883	2887	2888	rBV3	5252	7022	0.21%	0.029%

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35	20.374	2951	2956	2969	rBV2	102035	211344	6.24%	0.872%
36	20.474	2970	2973	2980	rVB8	14819	24237	0.72%	0.100%
37	20.592	2990	2993	2996	rBV2	19576	20173	0.60%	0.083%
38	20.945	3048	3053	3066	rBV	230209	382921	11.31%	1.580%
39	21.145	3084	3087	3091	rBV2	38699	45142	1.33%	0.186%
40	21.245	3099	3104	3118	rBV	962091	1482333	43.80%	6.116%
41	21.374	3123	3126	3133	rVB	54912	78263	2.31%	0.323%
42	21.803	3196	3199	3202	rBV	106992	119366	3.53%	0.493%
43	22.256	3272	3276	3284	rBV	174623	257204	7.60%	1.061%
44	22.756	3357	3361	3367	rVB	215757	308615	9.12%	1.273%
45	23.327	3451	3458	3474	rVV	1584604	3384575	100.00%	13.966%
46	23.468	3476	3482	3497	rVB2	728538	1546445	45.69%	6.381%
47	23.950	3559	3564	3572	rVB	165038	298973	8.83%	1.234%
48	24.686	3685	3689	3697	rVB	103861	207033	6.12%	0.854%

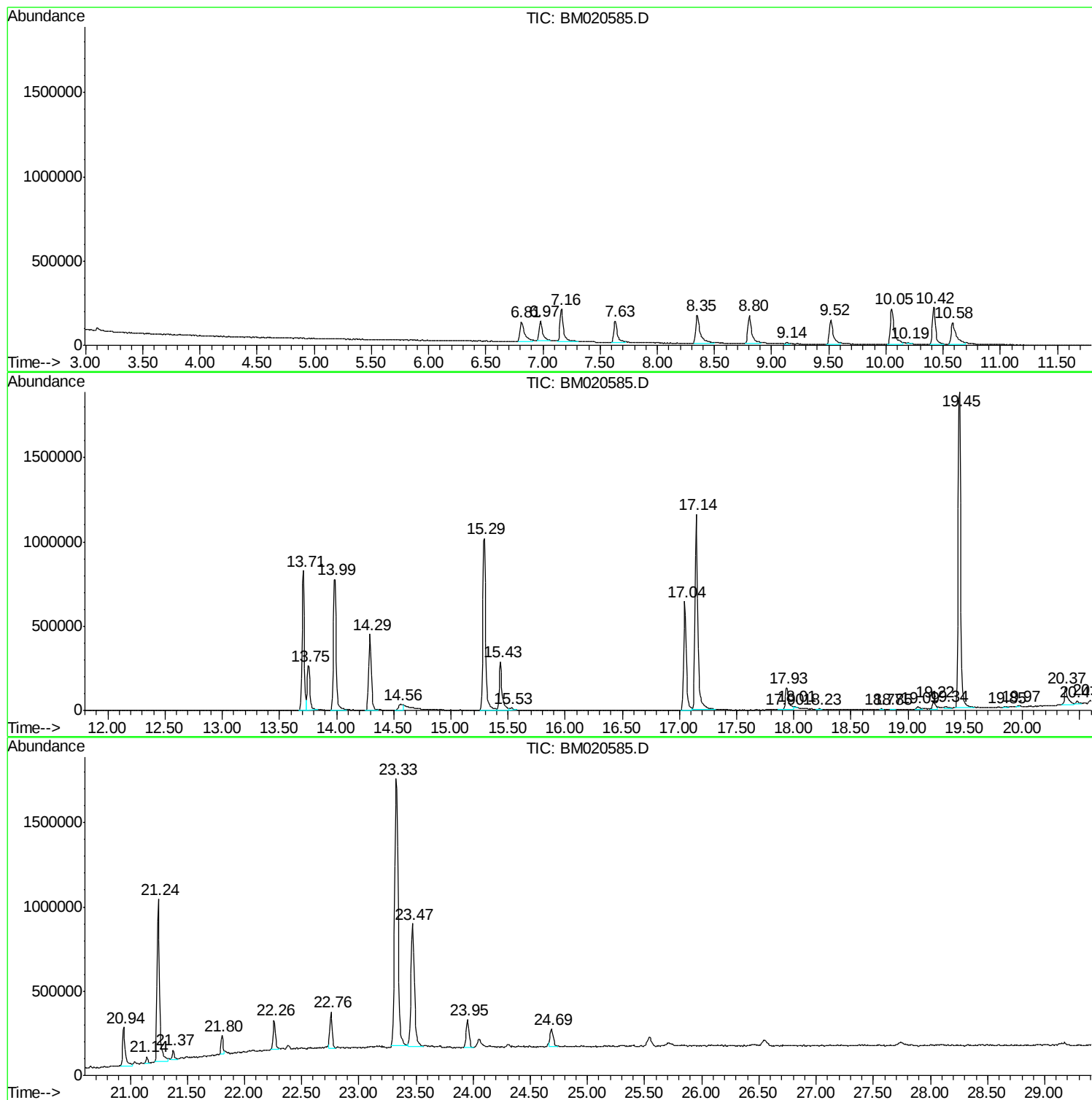
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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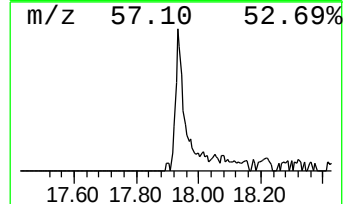
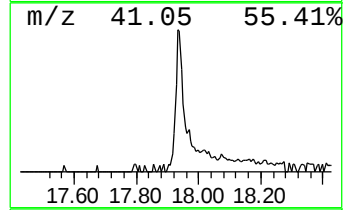
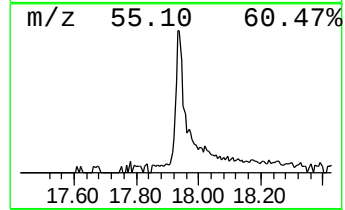
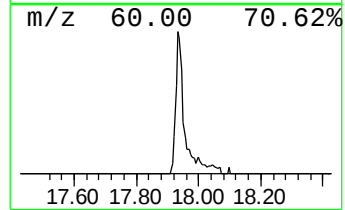
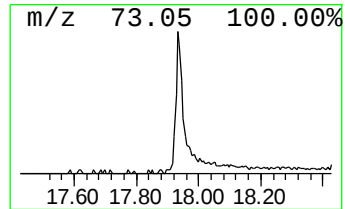
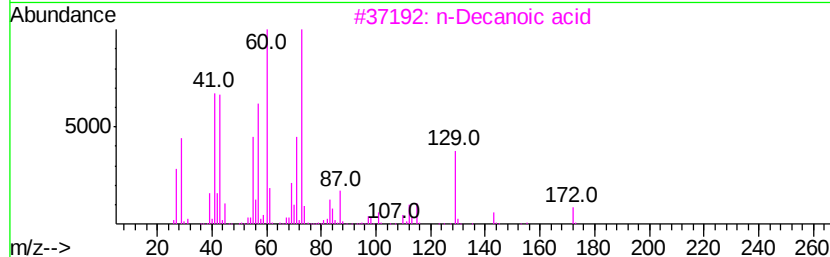
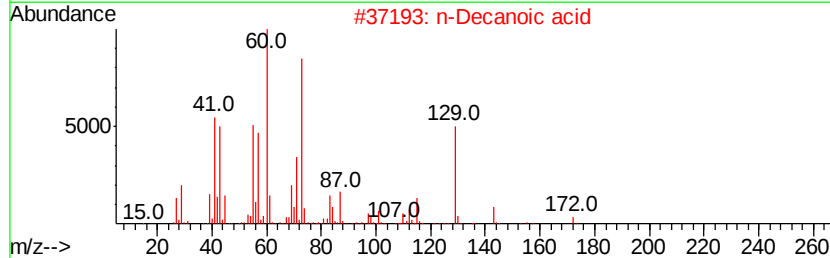
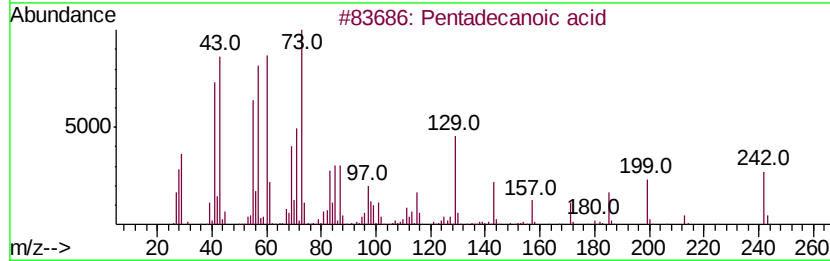
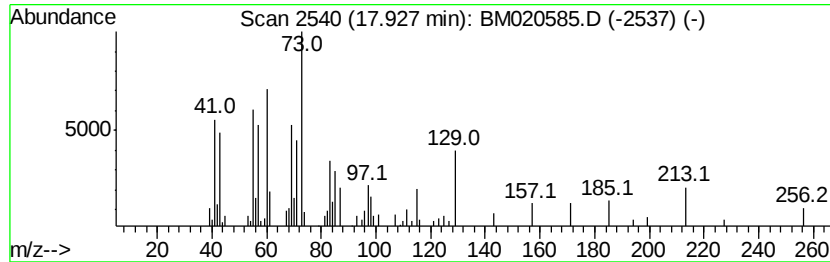
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.86 ng/ul	245624	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
2		n-Decanoic acid	172	C10H20O2	000334-48-5	50
3		n-Decanoic acid	172	C10H20O2	000334-48-5	50
4		n-Decanoic acid	172	C10H20O2	000334-48-5	50
5		Undecanoic acid	186	C11H22O2	000112-37-8	50



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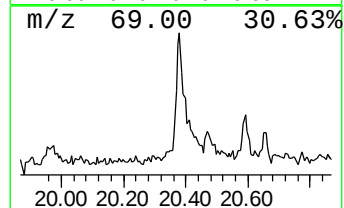
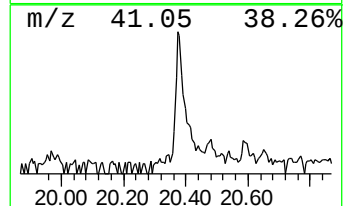
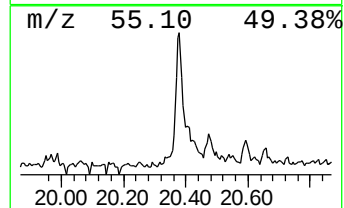
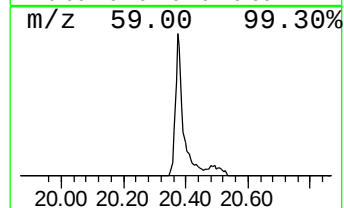
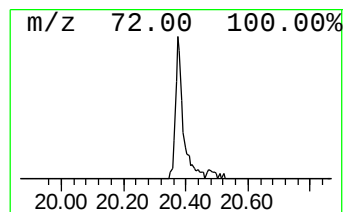
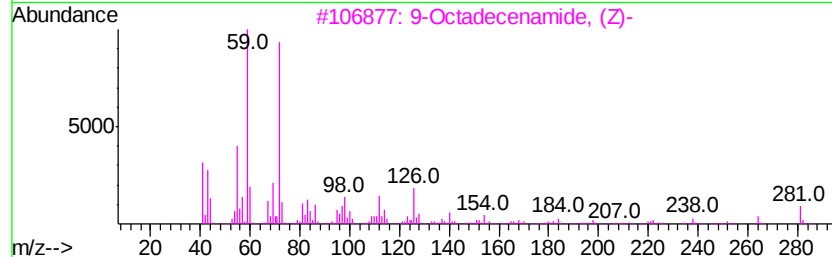
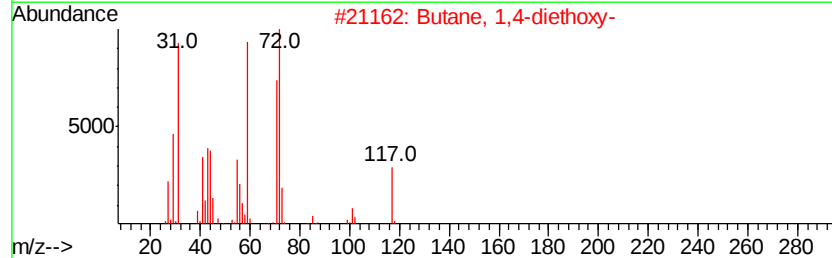
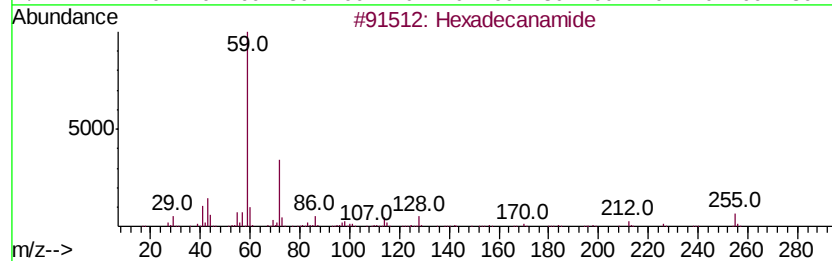
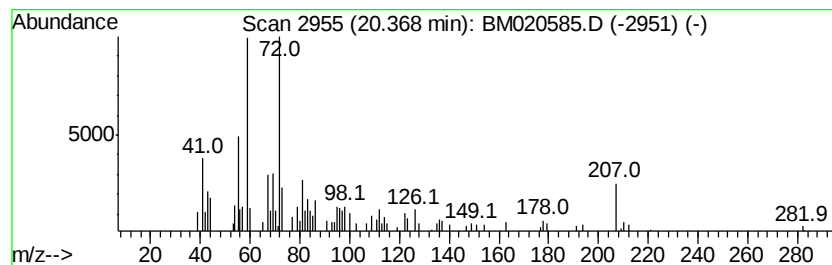
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Peak Number 2 Hexadecanamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.85 ng/ul	211344	Chrysene-d12	21.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide		255	C16H33NO	000629-54-9	59
2	Butane, 1,4-diethoxy-		146	C8H18O2	013344-00-8	59
3	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	50
4	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	47
5	13-Docosenamide, (Z)-		337	C22H43NO	000112-84-5	46



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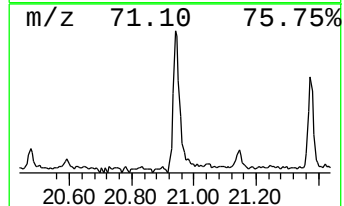
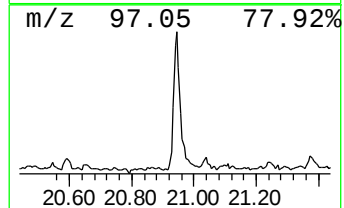
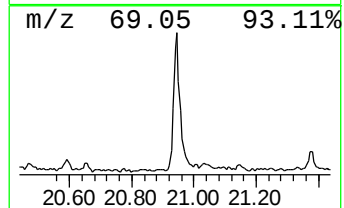
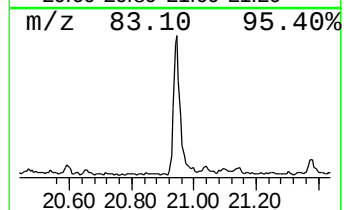
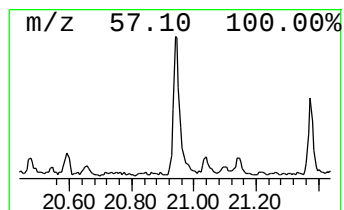
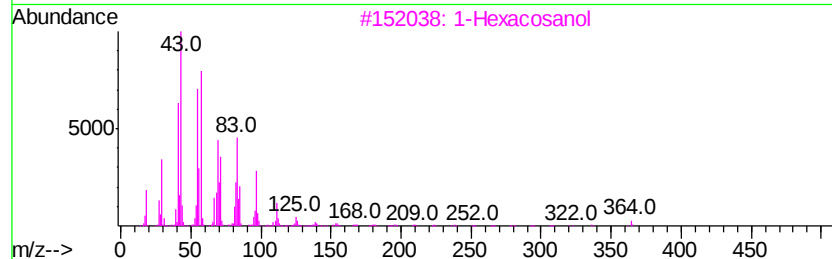
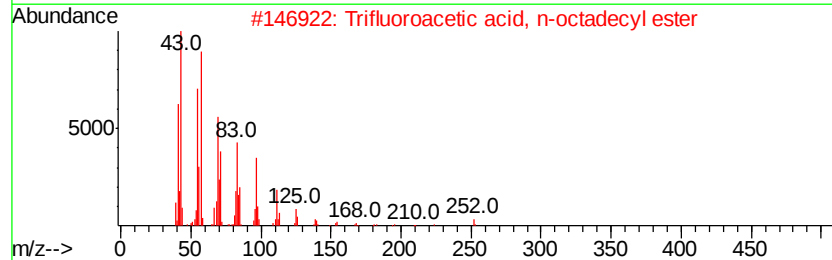
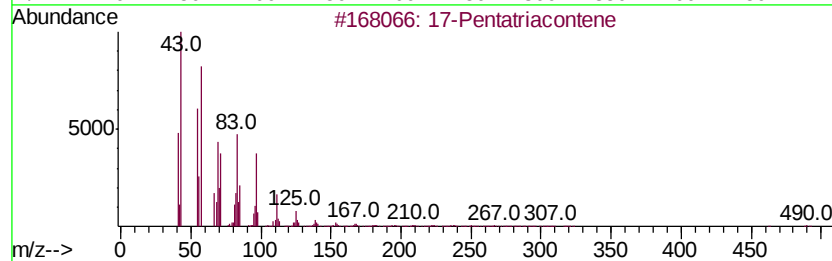
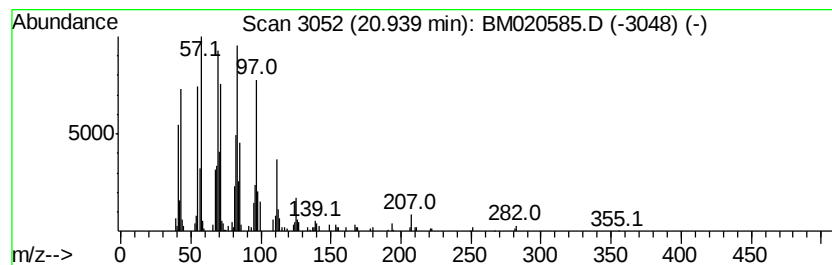
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Cyclic20.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.17 ng/ul	382921	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
3		1-Hexacosanol	382	C26H54O	000506-52-5	87
4		1-Tetracosanol	354	C24H50O	000506-51-4	87
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	86



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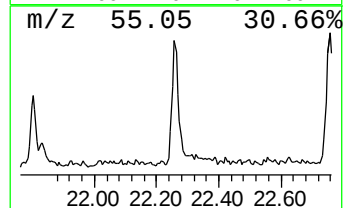
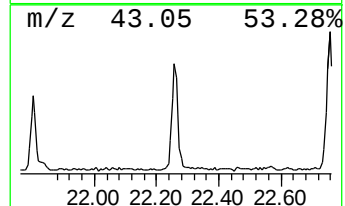
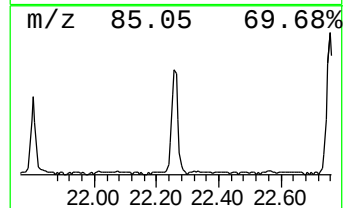
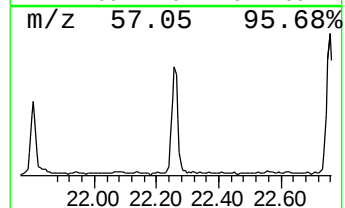
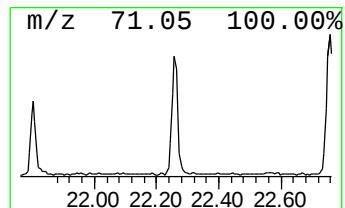
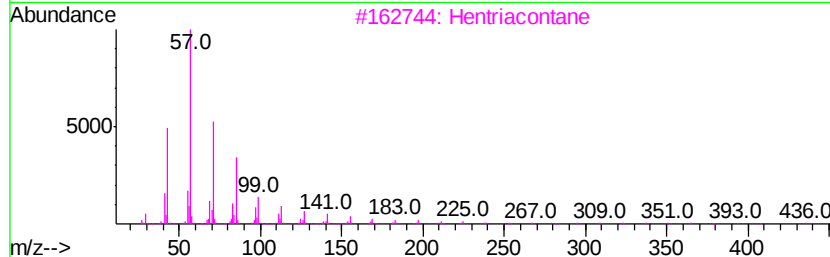
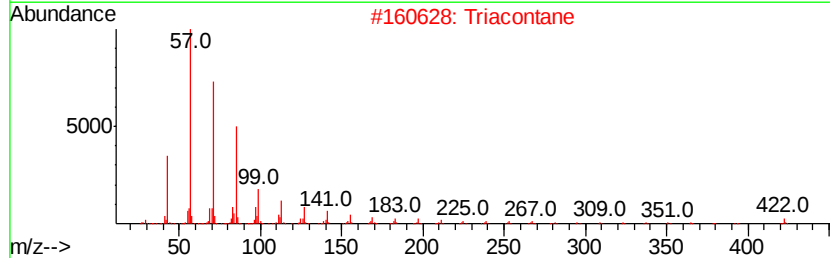
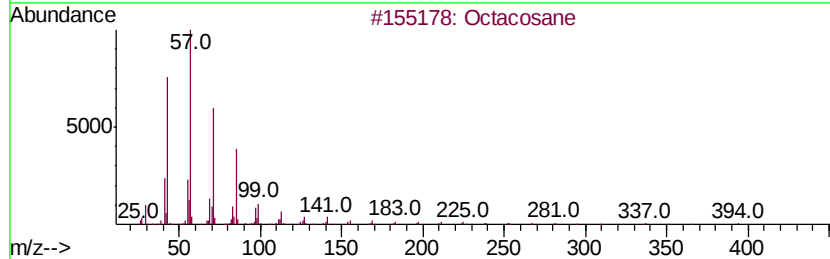
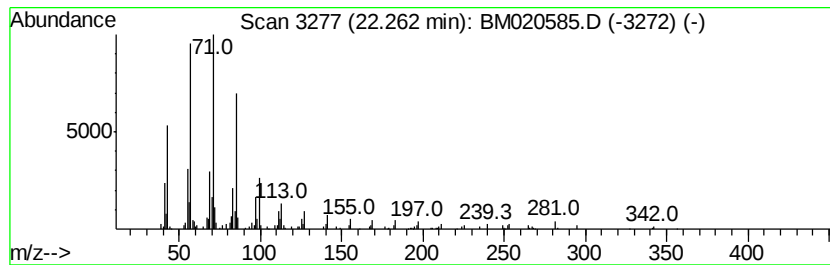
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	3.47 ng/ul	257204	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		triacontane	422	C30H62	000638-68-6	87
3		hentriacontane	437	C31H64	000630-04-6	83
4		tetratriacontane	479	C34H70	014167-59-0	83
5		hexatriacontane	507	C36H74	000630-06-8	80



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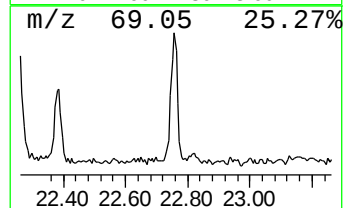
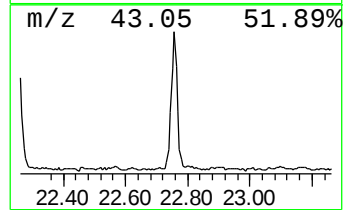
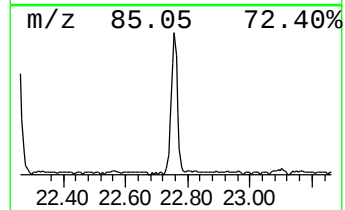
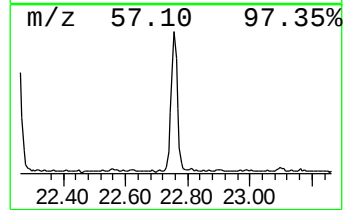
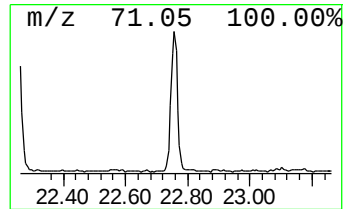
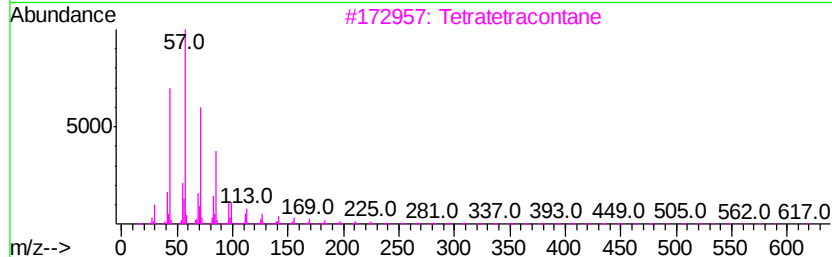
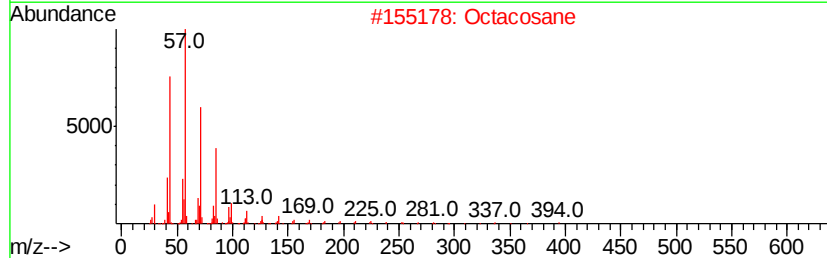
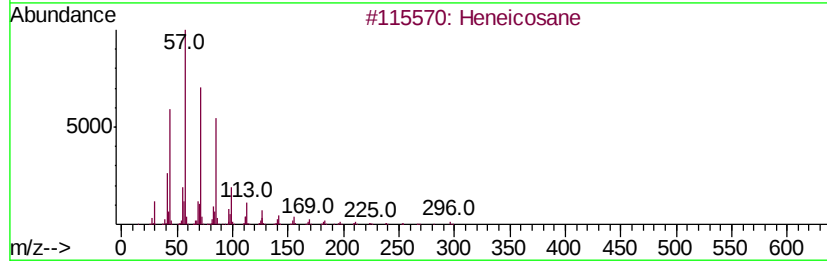
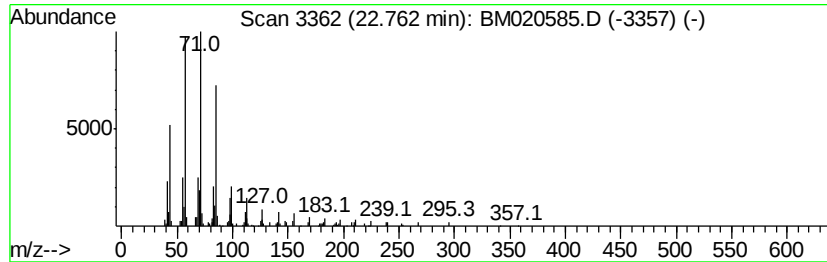
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Quant Title : SVOA CALIBRATION

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.
22.76	3.99 ng/ul	308615	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
5		Hexatriacontane	507	C36H74	000630-06-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
Data File : BM020585.D
Acq On : 28 May 2019 20:28
Operator : JU/SJ
Sample : K2692-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5173

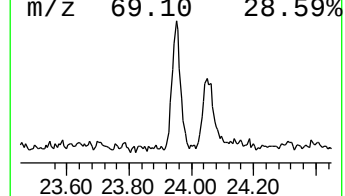
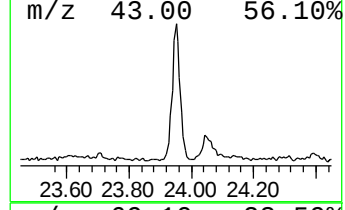
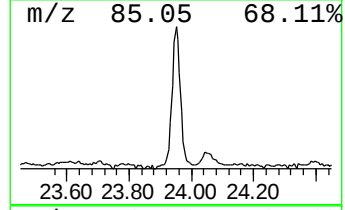
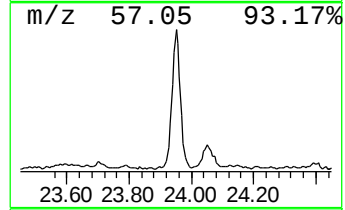
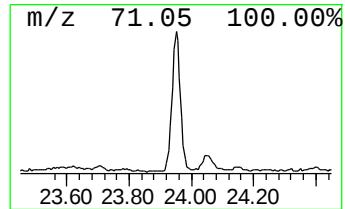
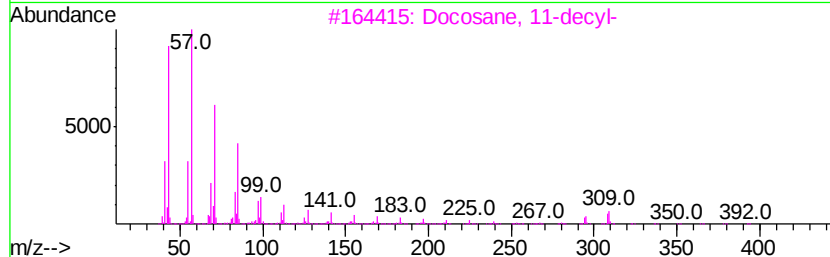
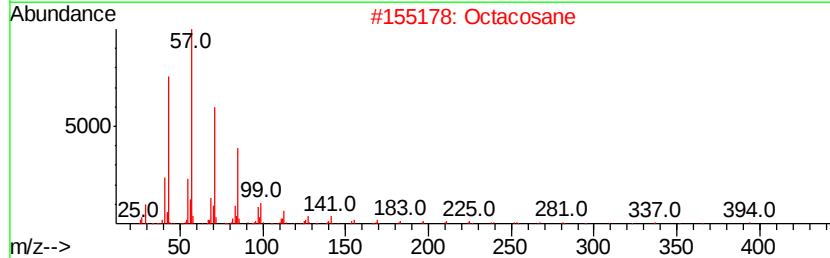
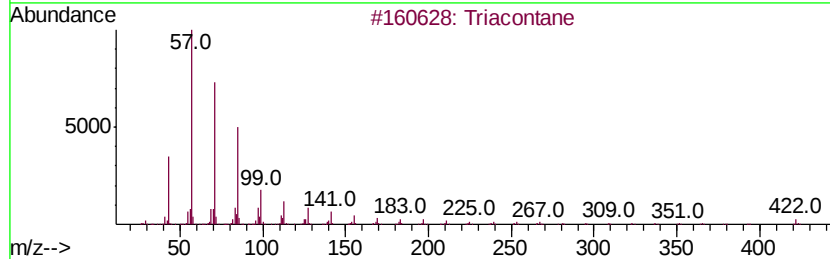
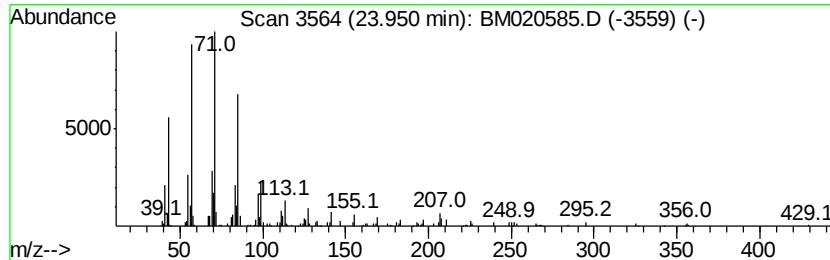
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.87 ng/ul	298973	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Docosane, 11-decyl-	451	C32H66	055401-55-3	83
4		Nonacosane	408	C29H60	000630-03-5	83
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
Data File : BM020585.D
Acq On : 28 May 2019 20:28
Operator : JU/SJ
Sample : K2692-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5173

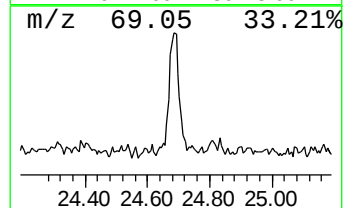
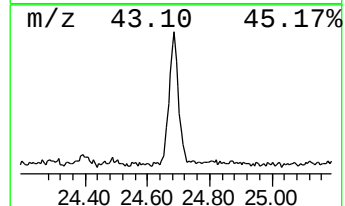
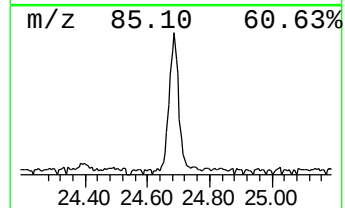
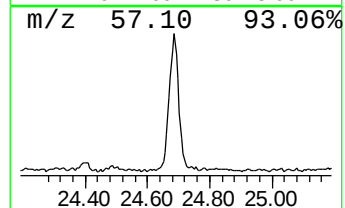
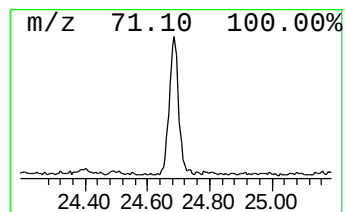
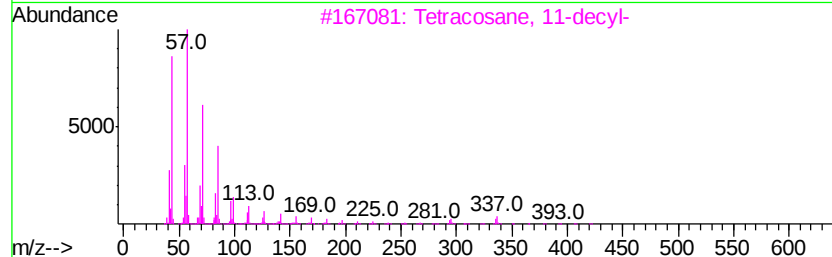
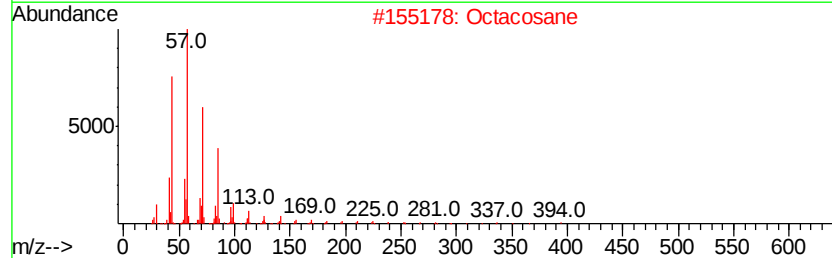
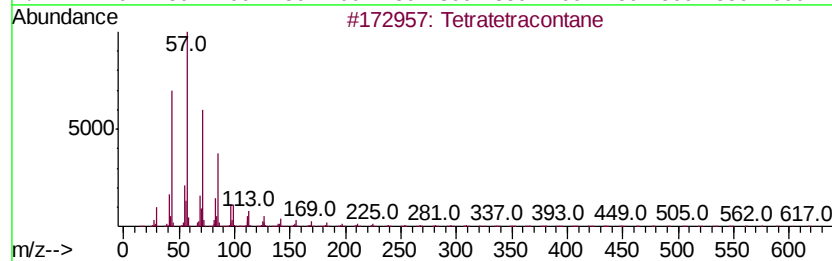
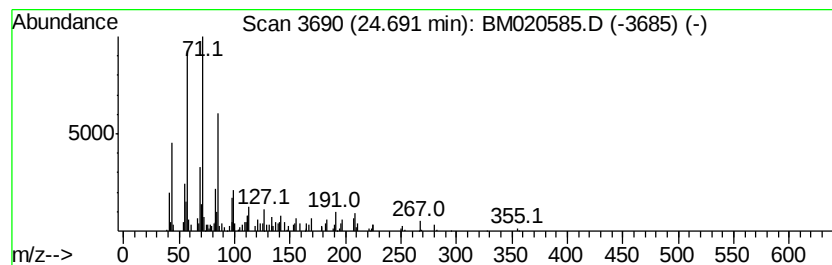
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	2.68 ng/ul	207033	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	83
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
5		Hexatriacontane	507	C36H74	000630-06-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052919\
Data File : BM020585.D
Acq On : 28 May 2019 20:28
Operator : JU/SJ
Sample : K2692-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5173

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
Pentadecanoic acid	17.93	4.9	ng/ul	245624	4	17.04	1011190	20.0
Hexadecanamide	20.37	2.9	ng/ul	211344	5	21.24	1482330	20.0
(DEL) Alkane: Cyc...	20.94	5.2	ng/ul	382921	5	21.24	1482330	20.0
(DEL) Alkane: Str...	22.26	3.5	ng/ul	257204	5	21.24	1482330	20.0
(DEL) Alkane: Str...	22.76	4.0	ng/ul	308615	6	23.47	1546450	20.0
(DEL) Alkane: Str...	23.95	3.9	ng/ul	298973	6	23.47	1546450	20.0
(DEL) Alkane: Str...	24.69	2.7	ng/ul	207033	6	23.47	1546450	20.0