

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005765.D
 Acq On : 18 May 2019 22:14
 Operator : JU/SJ
 Sample : K2690-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5167

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	6.763	636	642	657	rBV	437427	841304	17.17%	1.922%
2	6.916	663	668	681	rVB	354481	596049	12.16%	1.362%
3	7.111	695	701	716	rVB	485586	841998	17.18%	1.924%
4	7.569	774	779	789	rBV	355250	608317	12.41%	1.390%
5	8.281	894	900	918	rVB2	599215	1091286	22.27%	2.494%
6	8.722	968	975	987	rBV	501993	910784	18.58%	2.081%
7	9.434	1090	1096	1110	rVB	448323	804588	16.42%	1.838%
8	9.975	1181	1188	1207	rBV	590505	1192109	24.33%	2.724%
9	10.334	1242	1249	1257	rVB	595135	971205	19.82%	2.219%
10	10.481	1268	1274	1301	rVB	551779	1152673	23.52%	2.634%
11	11.963	1520	1526	1537	rVB3	6180	15595	0.32%	0.036%
12	13.628	1803	1809	1814	rBV	1419373	2039311	41.61%	4.660%
13	13.675	1814	1817	1829	rVB	296766	425555	8.68%	0.972%
14	13.898	1848	1855	1867	rBV	1607131	2446804	49.93%	5.591%
15	14.210	1901	1908	1920	rVB2	982068	1500184	30.61%	3.428%
16	14.457	1944	1950	1971	rBV2	354244	900809	18.38%	2.058%
17	15.216	2072	2079	2095	rVB	2010730	3031350	61.86%	6.927%
18	15.375	2100	2106	2116	rBV	519365	926315	18.90%	2.117%
19	15.457	2117	2120	2125	rVB2	26595	36621	0.75%	0.084%
20	15.951	2200	2204	2207	rBV3	4339	6423	0.13%	0.015%
21	15.998	2209	2212	2216	rVB5	8874	10833	0.22%	0.025%
22	16.122	2229	2233	2238	rBV6	5230	7463	0.15%	0.017%
23	16.410	2278	2282	2287	rBV4	3259	4982	0.10%	0.011%
24	16.757	2336	2341	2345	rBV4	5379	10530	0.21%	0.024%
25	16.969	2371	2377	2388	rBV2	1400717	1977276	40.35%	4.518%
26	17.069	2388	2394	2410	rVV2	2191611	3358103	68.52%	7.673%
27	17.386	2443	2448	2455	rBV5	3812	8870	0.18%	0.020%
28	17.763	2509	2512	2518	rBV7	4198	9191	0.19%	0.021%
29	17.886	2528	2533	2559	rBV	311957	646431	13.19%	1.477%
30	18.175	2580	2582	2586	rVB4	5775	6310	0.13%	0.014%
31	18.269	2591	2598	2599	rBV6	8361	14915	0.30%	0.034%
32	19.022	2721	2726	2730	rBV	25832	41807	0.85%	0.096%
33	19.186	2748	2754	2763	rBV2	86980	200822	4.10%	0.459%
34	19.269	2765	2768	2774	rVB	32535	47878	0.98%	0.109%

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35	19.386	2781	2788	2796	rBV2	2871728	4186895	85.44%	9.567%
36	20.333	2943	2949	2957	rBV	313743	433324	8.84%	0.990%
37	20.922	3045	3049	3059	rBV2	213052	446344	9.11%	1.020%
38	21.204	3091	3097	3108	rBV	1672033	2486703	50.74%	5.682%
39	21.363	3121	3124	3128	rBV2	79209	91473	1.87%	0.209%
40	21.792	3194	3197	3201	rBV2	116914	115385	2.35%	0.264%
41	22.245	3270	3274	3278	rBV2	284005	366133	7.47%	0.837%
42	22.369	3291	3295	3299	rVB	137952	172057	3.51%	0.393%
43	22.739	3354	3358	3365	rVB	271207	379745	7.75%	0.868%
44	23.268	3441	3448	3457	rBV2	2560665	4900672	100.00%	11.198%
45	23.404	3465	3471	3482	rVB	1265686	2494158	50.89%	5.699%
46	23.910	3552	3557	3565	rVB2	274083	510204	10.41%	1.166%
47	24.627	3674	3679	3690	rVB2	244968	496110	10.12%	1.134%

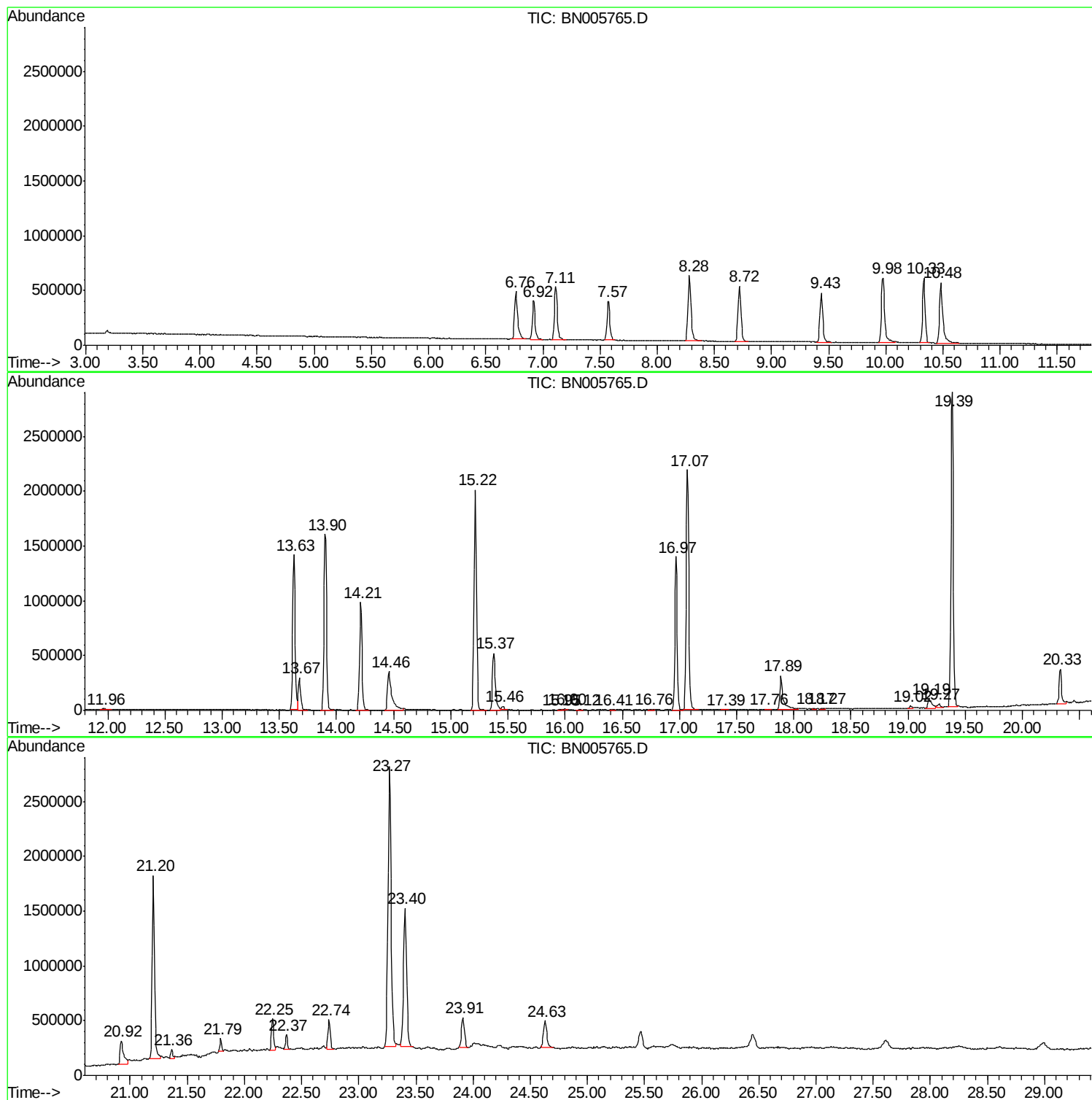
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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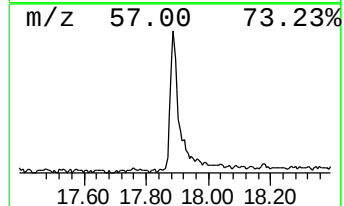
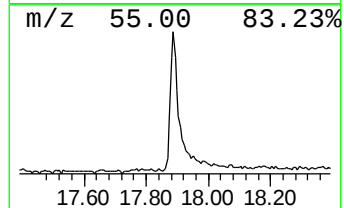
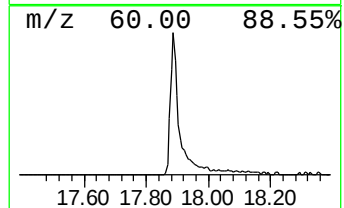
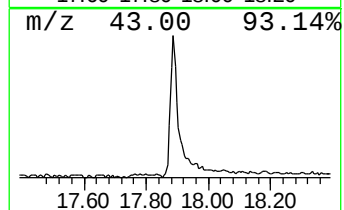
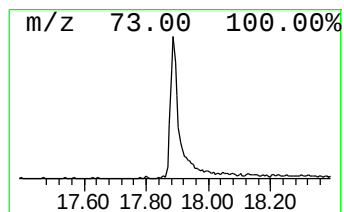
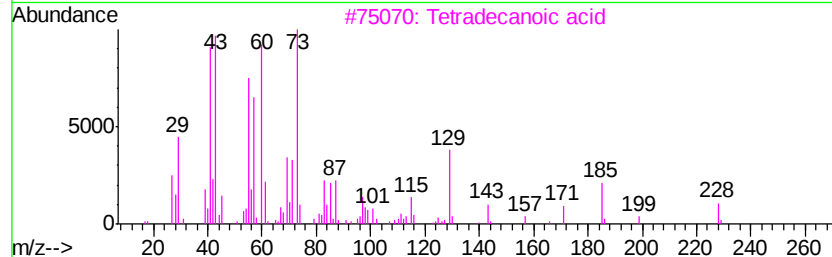
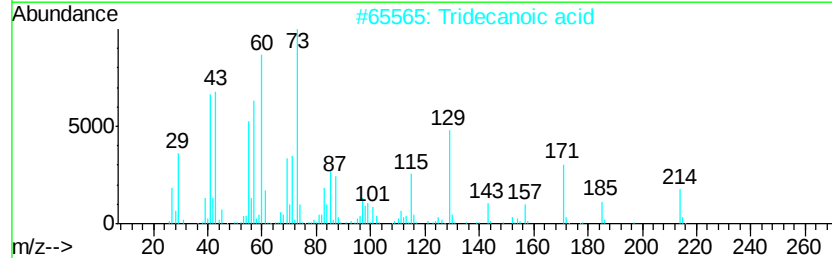
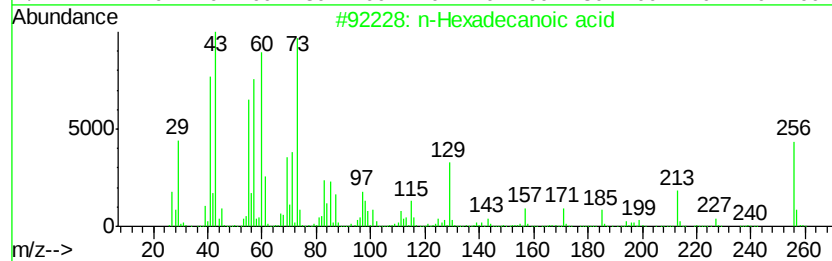
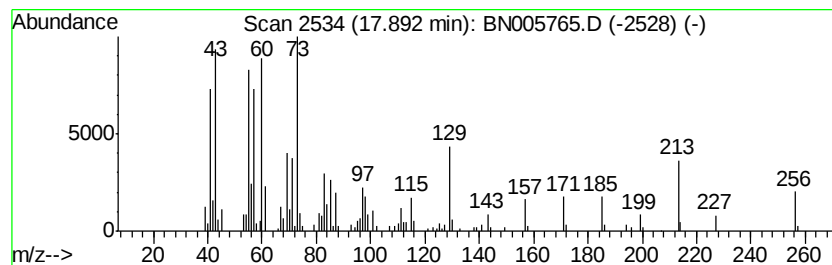
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.89	6.54 ng/ul	646431	Phenanthrene-d10	16.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	76



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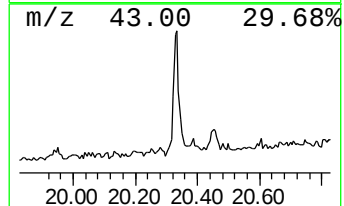
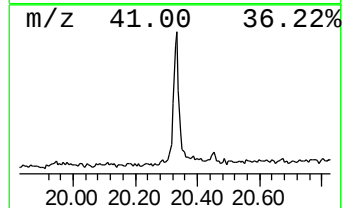
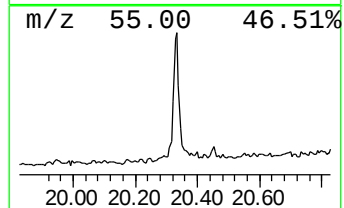
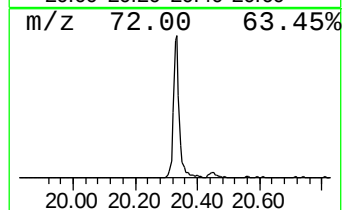
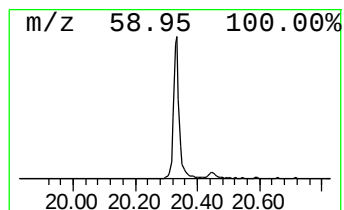
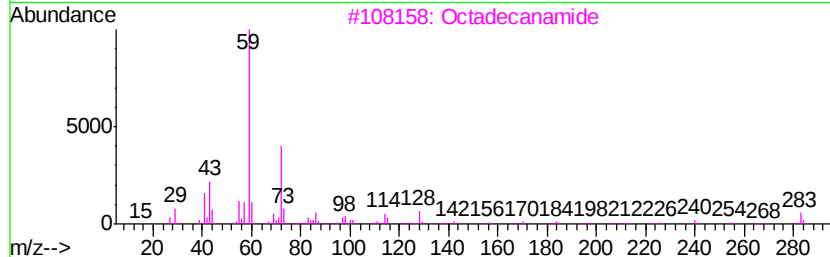
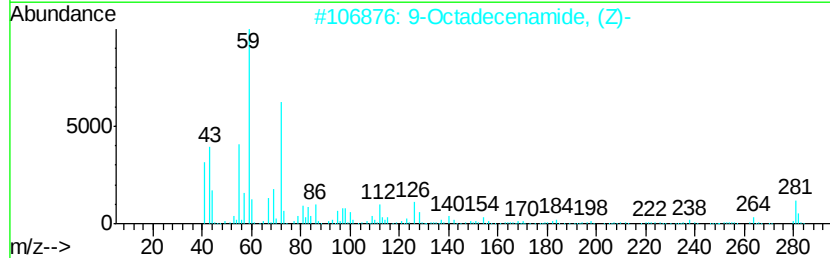
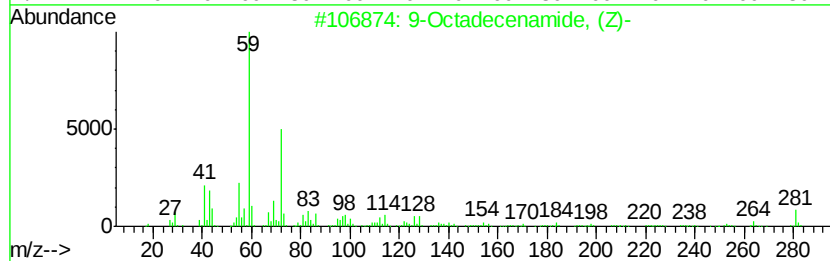
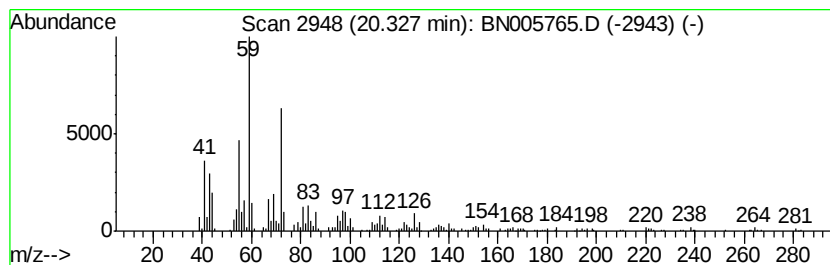
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Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	3.49 ng/ul	433324	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
3		Octadecanamide	283	C18H37NO	000124-26-5	59
4		Dodecanamide	199	C12H25NO	001120-16-7	58
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58



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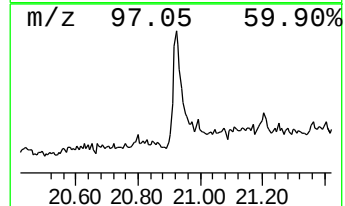
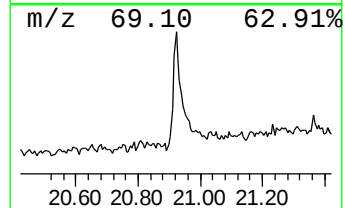
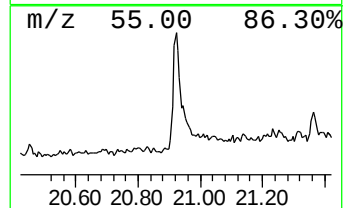
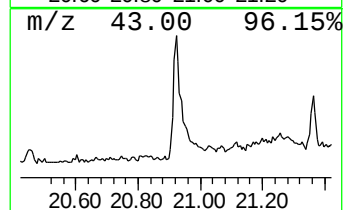
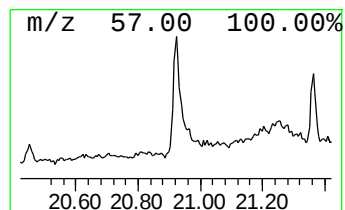
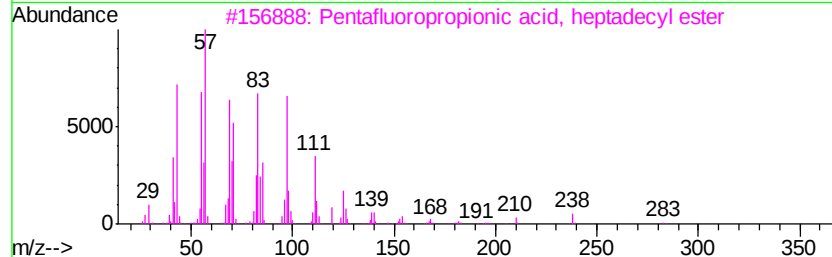
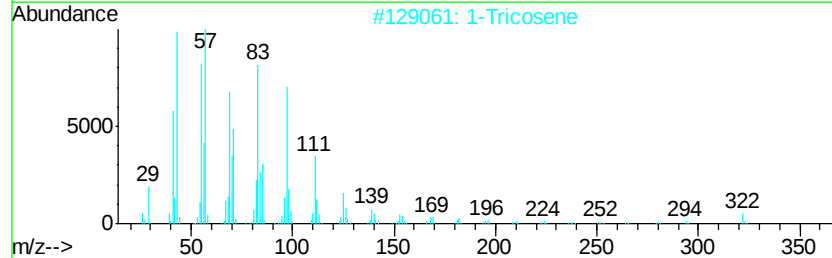
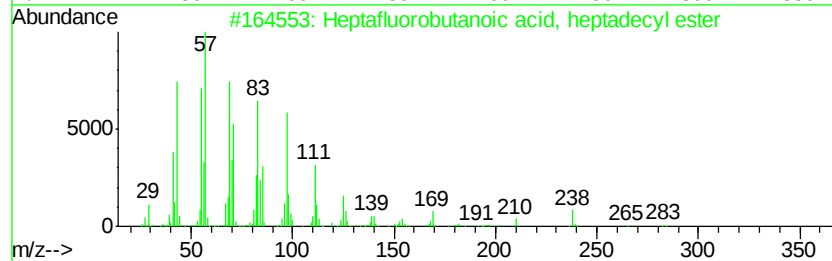
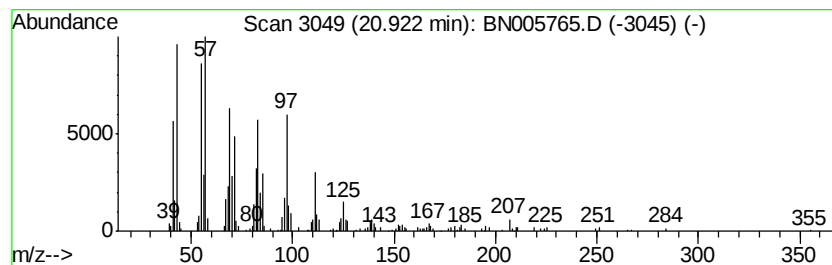
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.59 ng/ul	446344	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2			1-Tricosene	322	C23H46	018835-32-0	91
3			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
4			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5			17-Pentatriacontene	491	C35H70	006971-40-0	91



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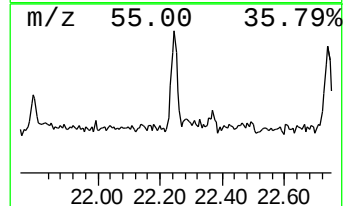
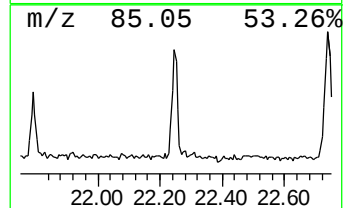
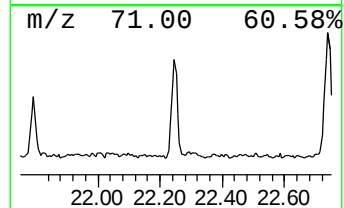
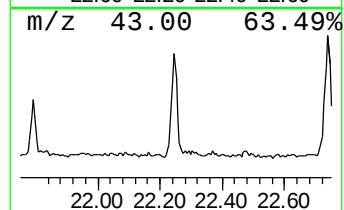
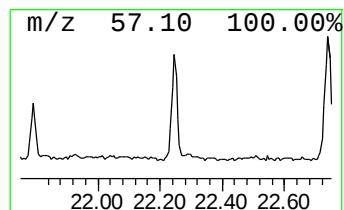
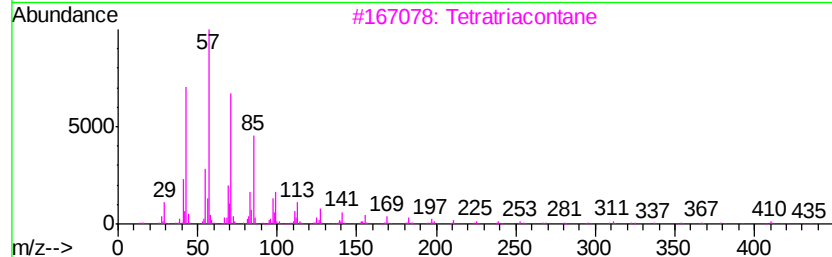
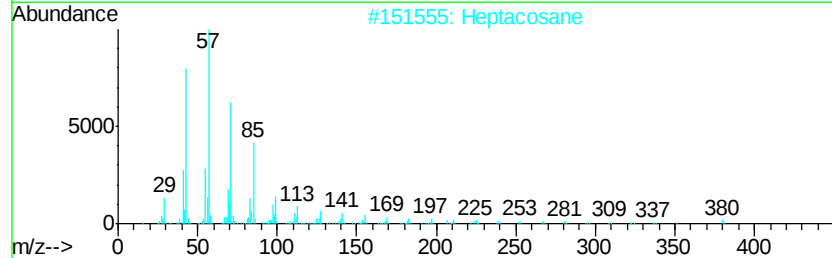
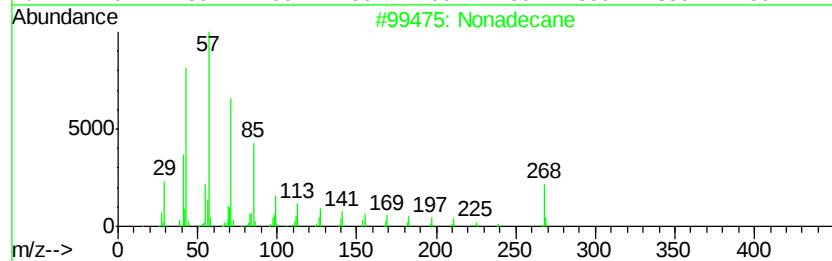
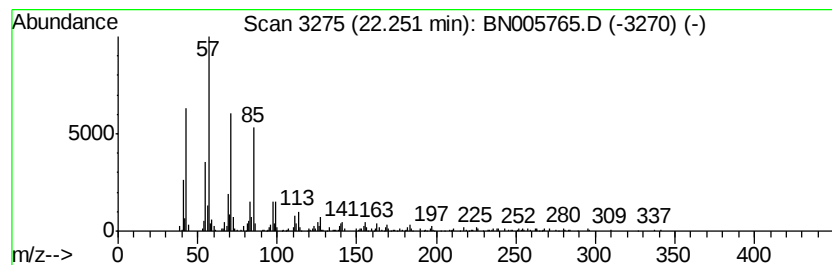
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	2.94 ng/ul	366133	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	92
2		Heptacosane	380	C27H56	000593-49-7	87
3		Tetratriacontane	479	C34H70	014167-59-0	87
4		Octacosane	394	C28H58	000630-02-4	83
5		Tetratetracontane	619	C44H90	007098-22-8	83



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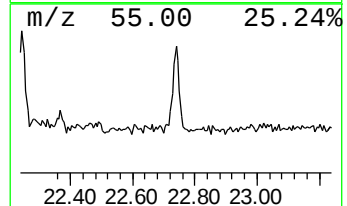
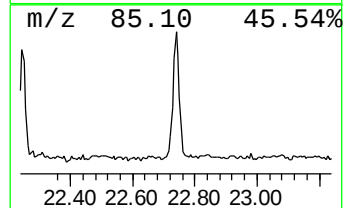
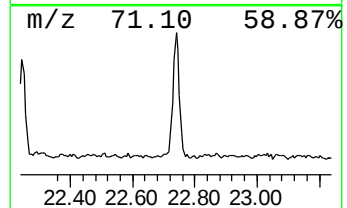
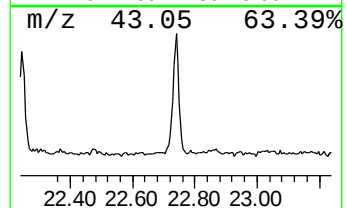
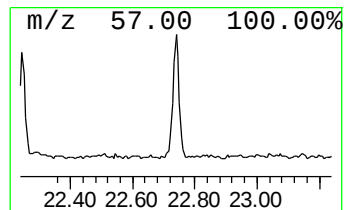
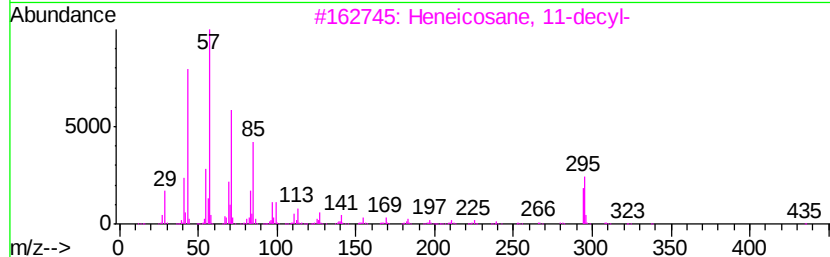
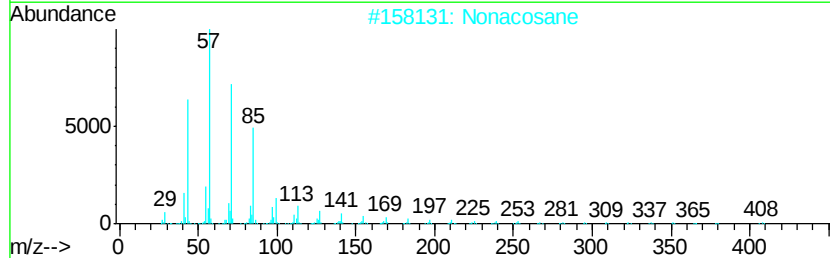
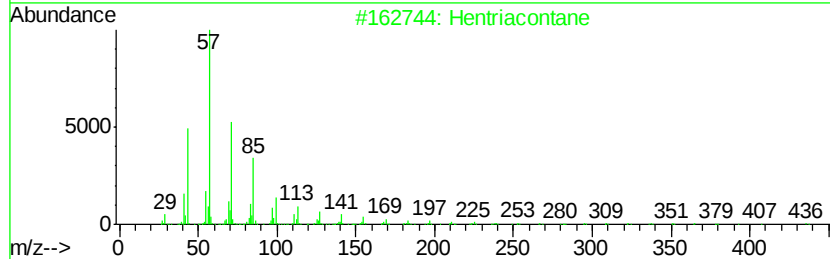
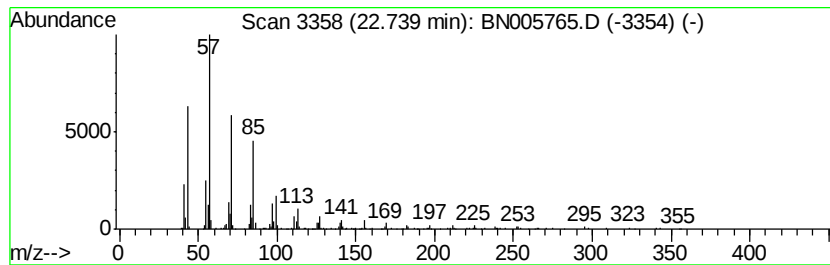
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	3.05 ng/ul	379745	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	91
2			Nonacosane	408	C29H60	000630-03-5	91
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005765.D
Acq On : 18 May 2019 22:14
Operator : JU/SJ
Sample : K2690-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5167

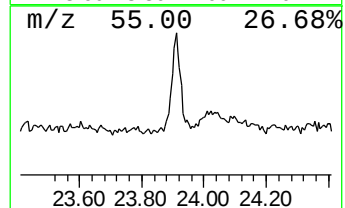
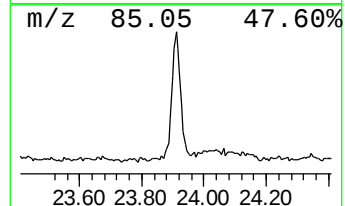
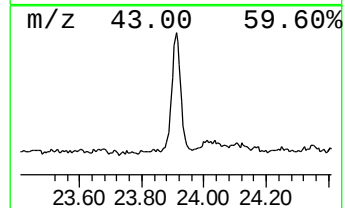
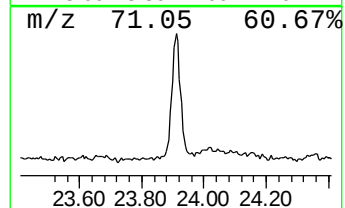
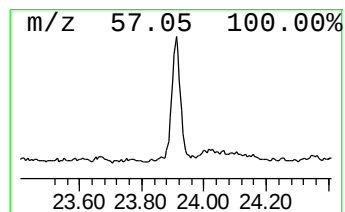
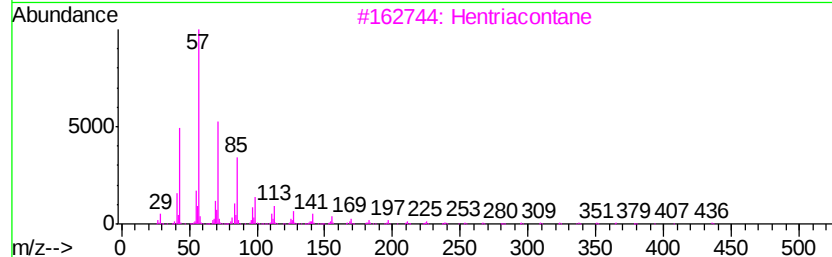
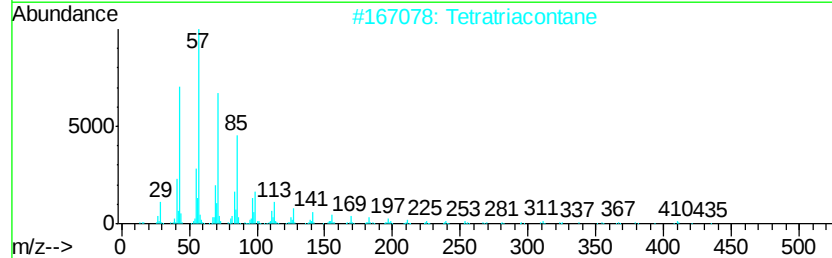
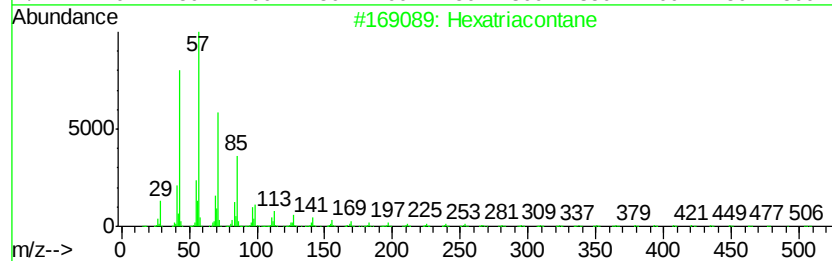
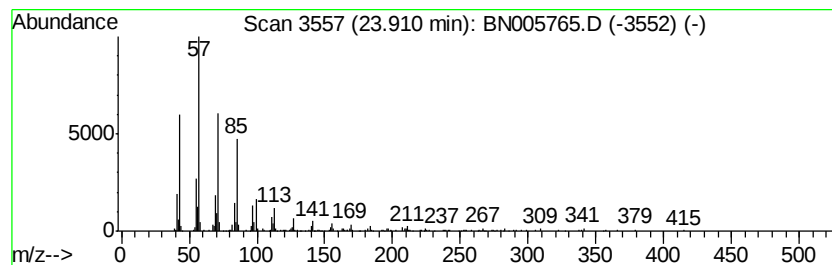
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Quant Title : SVOA CALIBRATION

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.
23.91	4.09 ng/ul	510204	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	91
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005765.D
Acq On : 18 May 2019 22:14
Operator : JU/SJ
Sample : K2690-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5167

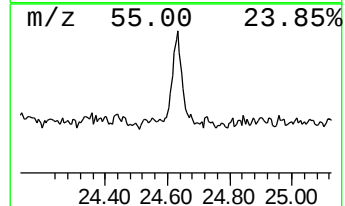
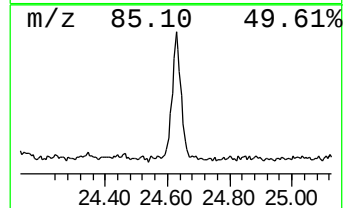
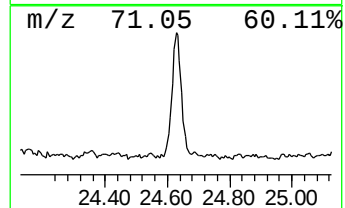
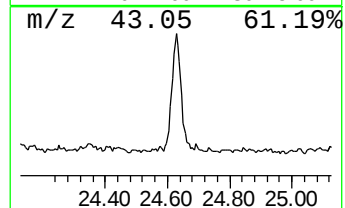
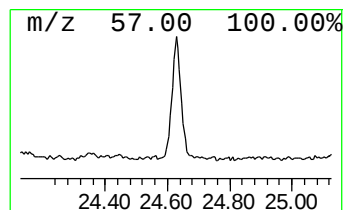
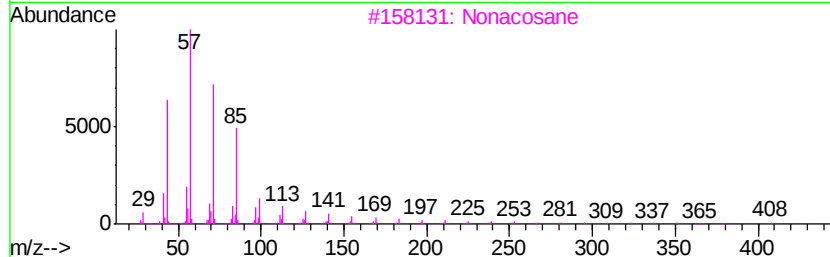
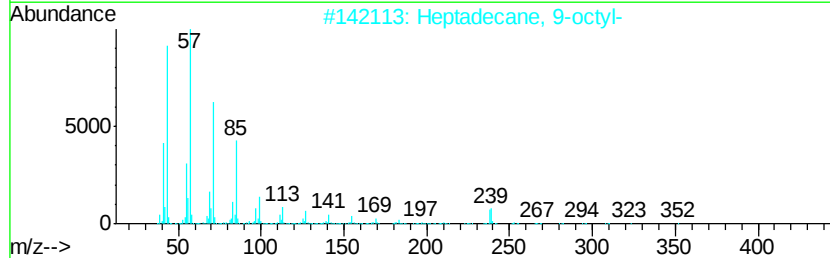
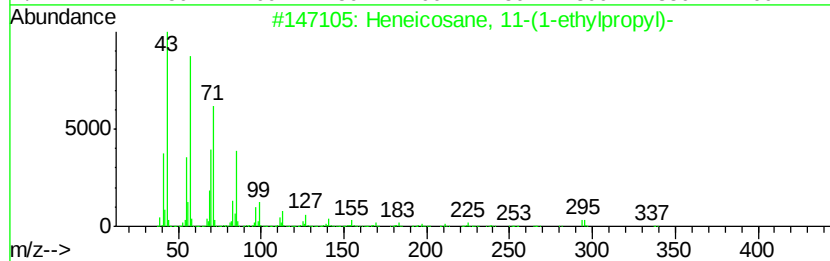
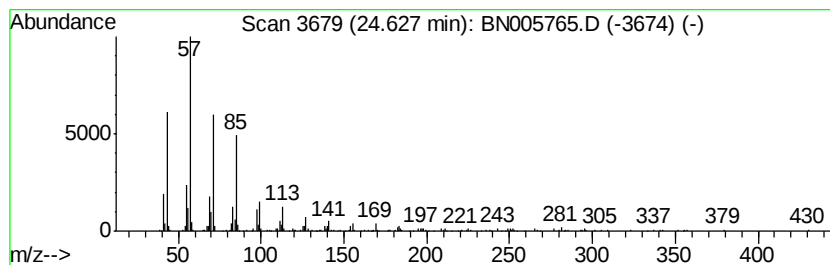
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.63	3.98 ng/ul	496110	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Nonacosane	408	C29H60	000630-03-5	87
4		Heptadecane	240	C17H36	000629-78-7	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
Data File : BN005765.D
Acq On : 18 May 2019 22:14
Operator : JU/SJ
Sample : K2690-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5167

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
n-Hexadecanoic acid	17.89	6.5	ng/ul	646431	4	16.97	1977280	20.0
9-Octadecenamide,...	20.33	3.5	ng/ul	433324	5	21.20	2486700	20.0
Heptafluorobutano...	20.92	3.6	ng/ul	446344	5	21.20	2486700	20.0
(DEL) Alkane: Str...	22.25	2.9	ng/ul	366133	5	21.20	2486700	20.0
(DEL) Alkane: Str...	22.74	3.0	ng/ul	379745	6	23.40	2494160	20.0
(DEL) Alkane: Str...	23.91	4.1	ng/ul	510204	6	23.40	2494160	20.0
(DEL) Alkane: Str...	24.63	4.0	ng/ul	496110	6	23.40	2494160	20.0