

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
 Data File : BM021601.D
 Acq On : 23 Jul 2019 03:39
 Operator : HP/JU
 Sample : K3823-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52R6

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-BM070819MA.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	6.881	657	662	671	rBV	155522	275188	2.99%	0.456%
2	7.052	686	691	703	rVB	449172	736262	8.00%	1.219%
3	7.240	717	723	736	rVB	536608	878281	9.55%	1.454%
4	7.704	796	802	810	rVB	487126	764047	8.30%	1.265%
5	8.410	916	922	934	rVB	489866	810959	8.81%	1.343%
6	8.869	993	1000	1017	rVB	663347	1124143	12.22%	1.861%
7	9.581	1115	1121	1141	rVB	560818	959273	10.43%	1.588%
8	9.857	1164	1168	1172	rBV4	9805	14069	0.15%	0.023%
9	9.904	1173	1176	1182	rVB3	11902	17751	0.19%	0.029%
10	10.028	1193	1197	1205	rBV3	18410	31293	0.34%	0.052%
11	10.116	1205	1212	1233	rVB	835486	1553550	16.89%	2.572%
12	10.487	1268	1275	1285	rVB	754038	1238574	13.46%	2.051%
13	10.651	1296	1303	1318	rVB	97092	215504	2.34%	0.357%
14	12.098	1543	1549	1554	rVB2	8925	16562	0.18%	0.027%
15	12.169	1556	1561	1565	rBV5	6143	13219	0.14%	0.022%
16	13.769	1826	1833	1838	rBV	2156291	2961234	32.18%	4.903%
17	13.816	1838	1841	1849	rVV	121691	168740	1.83%	0.279%
18	14.045	1872	1880	1892	rBV	2271842	3360324	36.52%	5.564%
19	14.351	1922	1932	1942	rBV	1398256	2056858	22.36%	3.406%
20	14.433	1942	1946	1956	rVB5	4247	11592	0.13%	0.019%
21	14.586	1963	1972	1987	rBV2	113862	301572	3.28%	0.499%
22	14.769	1999	2003	2008	rVB4	8056	11374	0.12%	0.019%
23	15.345	2095	2101	2112	rBV	3022412	4479335	48.68%	7.417%
24	15.486	2116	2125	2138	rBV	875466	1265706	13.76%	2.096%
25	15.586	2138	2142	2148	rVB	32726	46521	0.51%	0.077%
26	16.133	2230	2235	2239	rBV4	15478	22421	0.24%	0.037%
27	16.616	2311	2317	2320	rBV3	9729	15653	0.17%	0.026%
28	16.886	2359	2363	2367	rVB6	6757	11220	0.12%	0.019%
29	17.104	2393	2400	2407	rBV2	1971616	2711902	29.47%	4.490%
30	17.204	2410	2417	2427	rBV	3693060	5359739	58.25%	8.874%
31	17.992	2547	2551	2561	rBV	170064	273803	2.98%	0.453%
32	18.345	2608	2611	2619	rVB9	6756	13498	0.15%	0.022%
33	18.916	2704	2708	2712	rBV5	21022	27550	0.30%	0.046%
34	19.133	2741	2745	2757	rBV	90035	183929	2.00%	0.305%

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35	19.274	2765	2769	2778	rBV2	102225	162350	1.76%	0.269%
36	19.386	2784	2788	2792	rBV	39741	51053	0.55%	0.085%
37	19.504	2801	2808	2813	rBV	5257214	7197045	78.22%	11.916%
38	19.733	2843	2847	2852	rBV	100812	125760	1.37%	0.208%
39	20.033	2895	2898	2902	rBV	90159	96436	1.05%	0.160%
40	20.533	2979	2983	2987	rBV	188578	222221	2.42%	0.368%
41	20.992	3058	3061	3070	rBV	383616	507855	5.52%	0.841%
42	21.292	3106	3112	3123	rBV	2897739	3792980	41.22%	6.280%
43	21.427	3132	3135	3139	rBV	435595	466958	5.08%	0.773%
44	21.862	3205	3209	3214	rBV	458700	561855	6.11%	0.930%
45	22.327	3284	3288	3295	rBV	513933	645486	7.02%	1.069%
46	22.833	3370	3374	3379	rVB	477276	664569	7.22%	1.100%
47	23.398	3463	3470	3481	rBV	4953364	9200731	100.00%	15.234%
48	23.539	3488	3494	3509	rVB2	2175366	4083369	44.38%	6.761%
49	24.039	3575	3579	3588	rVB	399953	685846	7.45%	1.136%

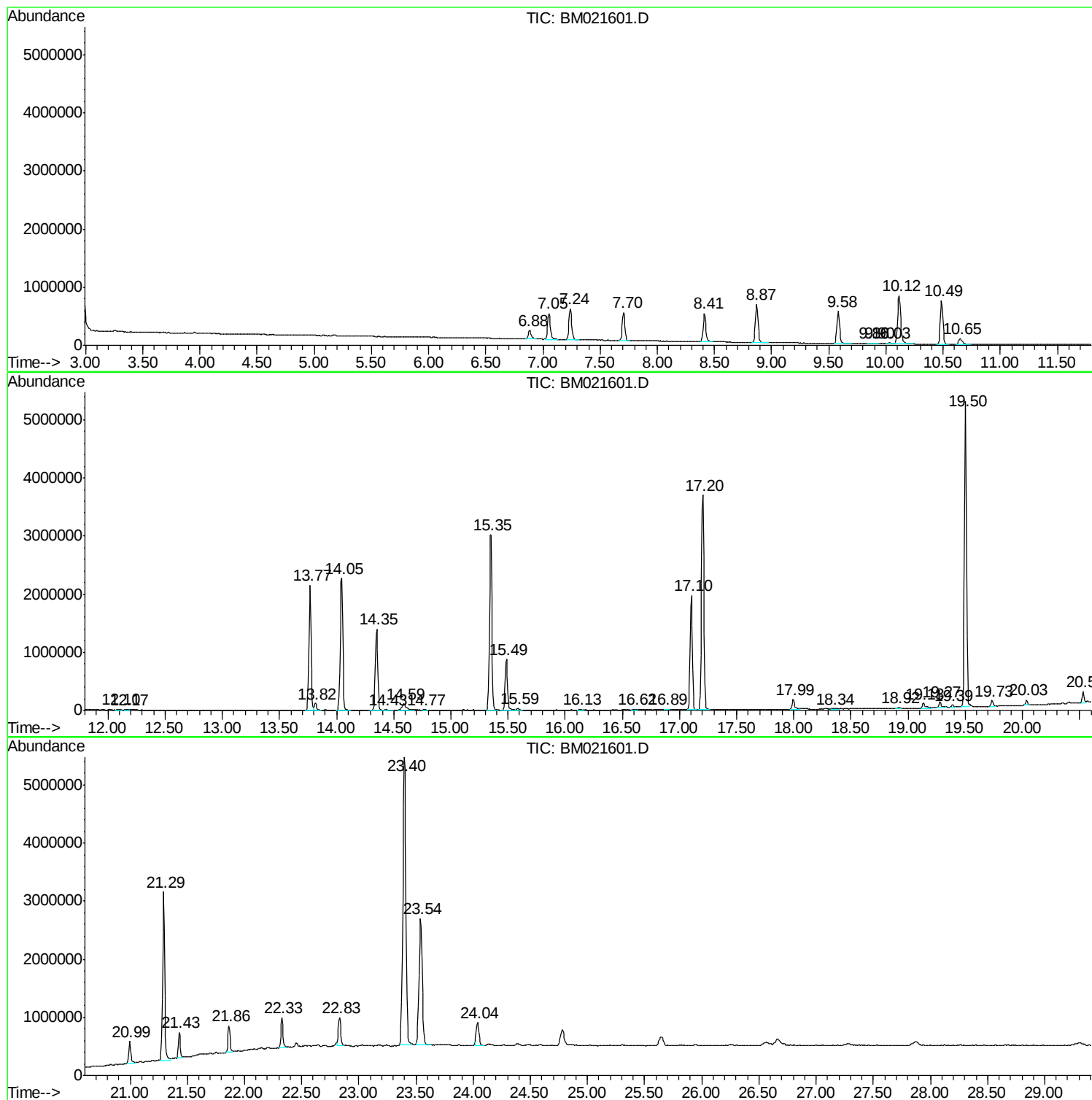
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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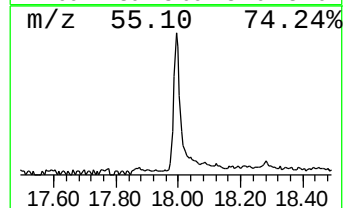
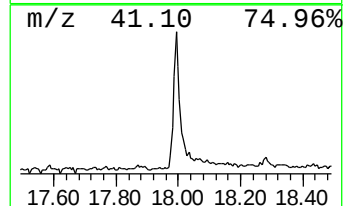
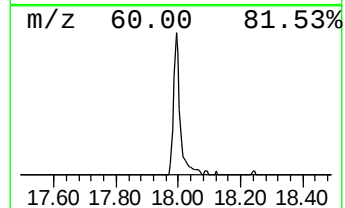
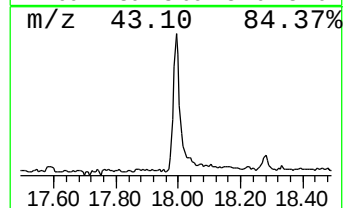
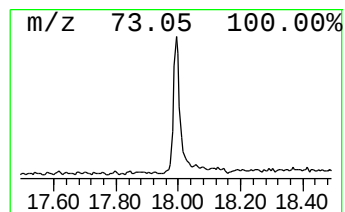
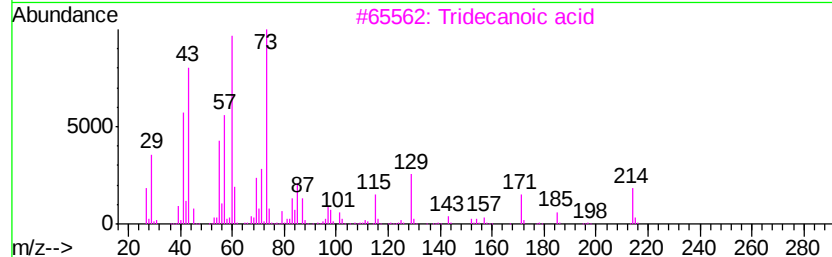
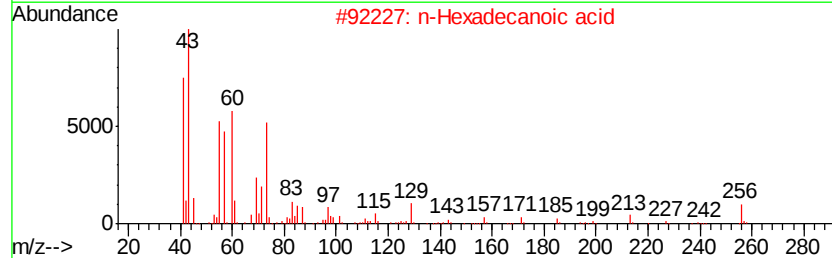
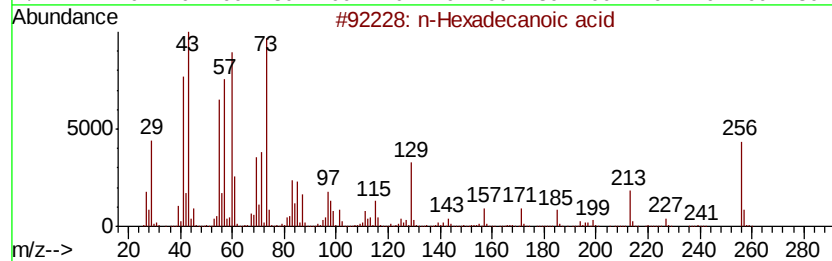
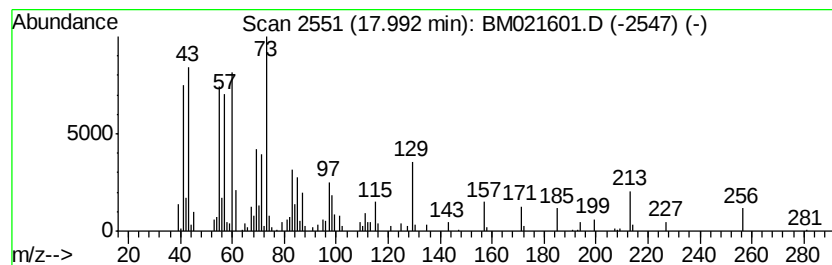
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.02 ng/ul	273803	Phenanthrene-d10	17.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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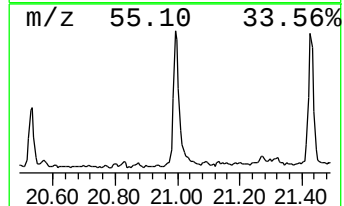
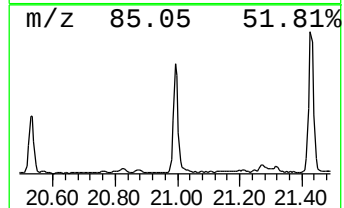
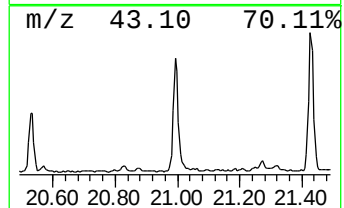
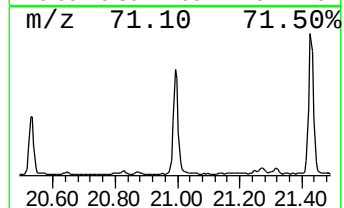
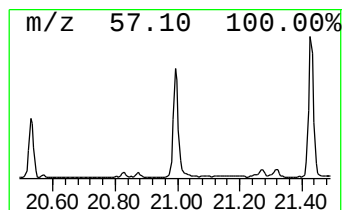
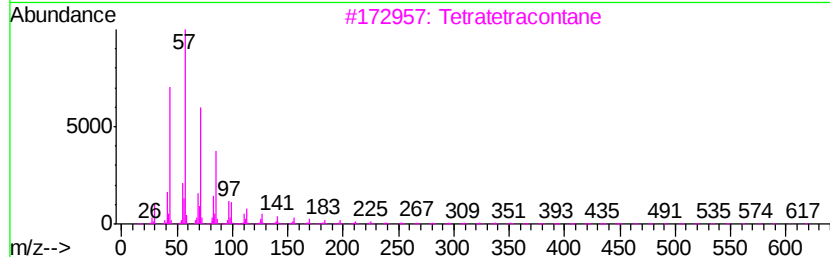
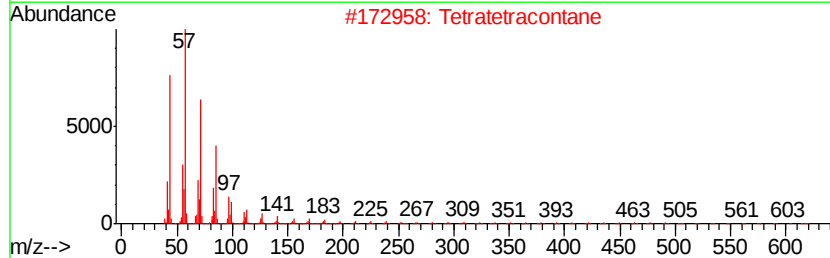
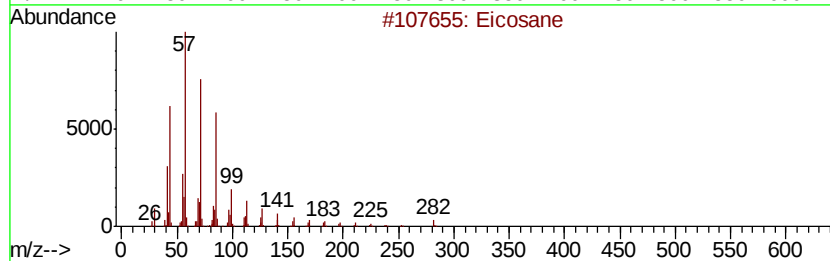
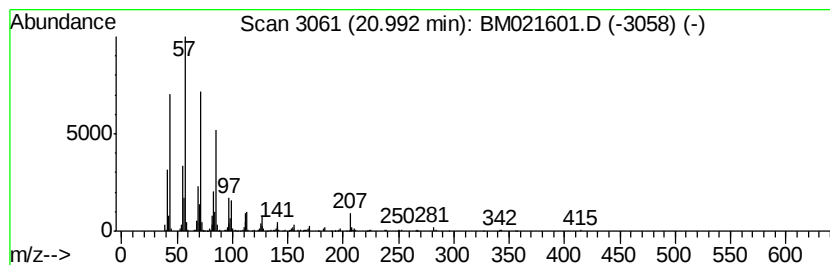
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.68 ng/ul	507855	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		1-Heptadecene	238	C17H34	006765-39-5	83
5		Tritetracontane	605	C43H88	007098-21-7	83



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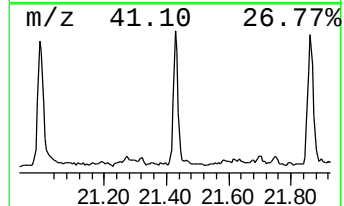
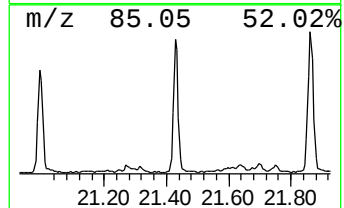
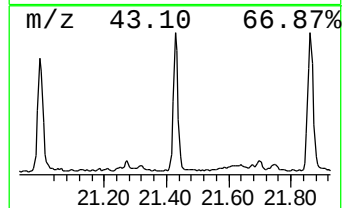
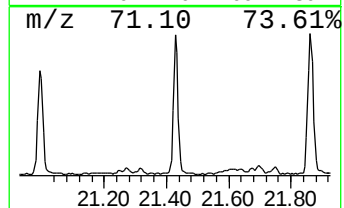
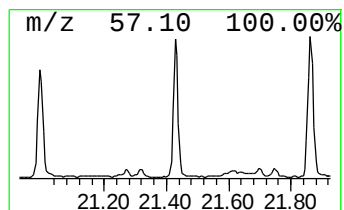
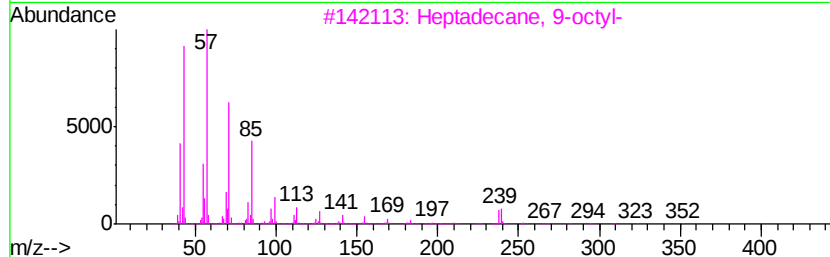
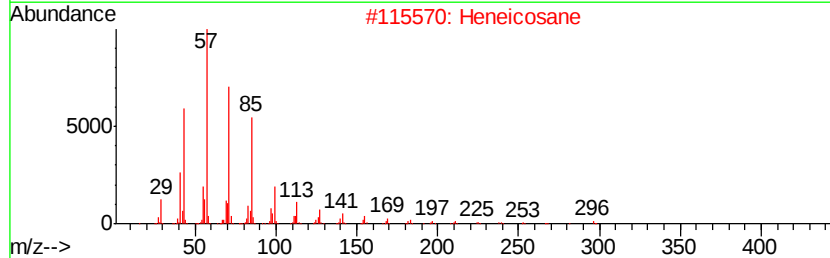
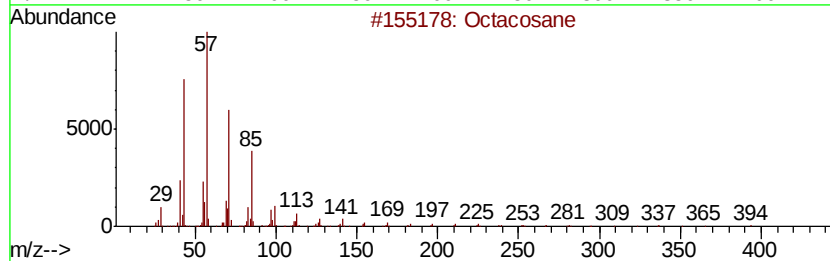
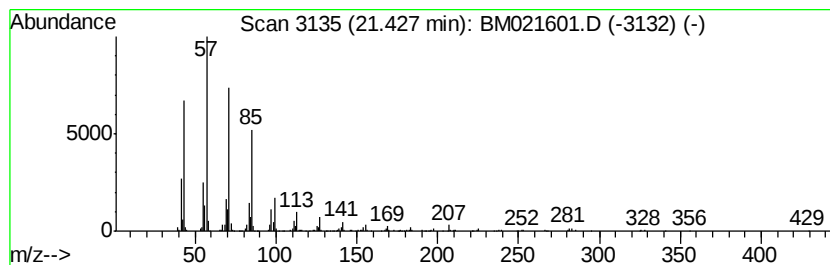
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.46 ng/ul	466958	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



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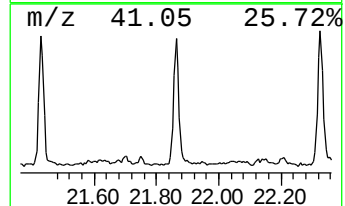
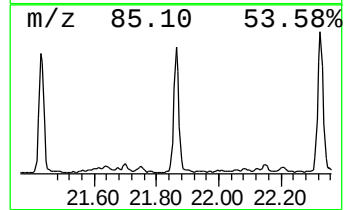
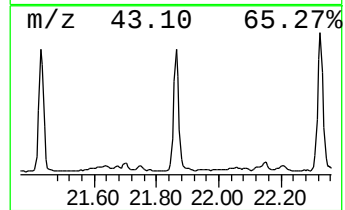
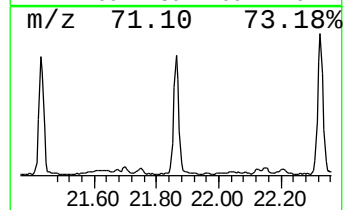
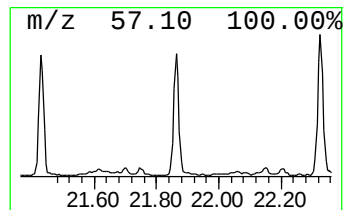
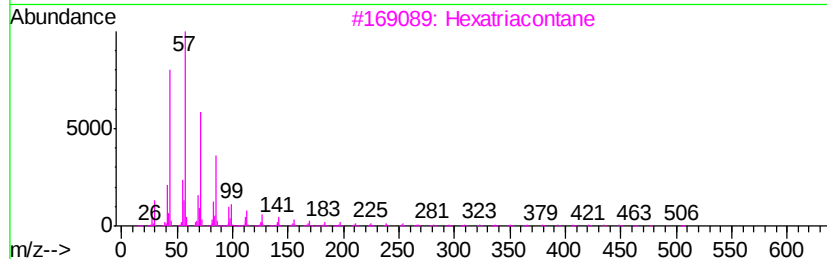
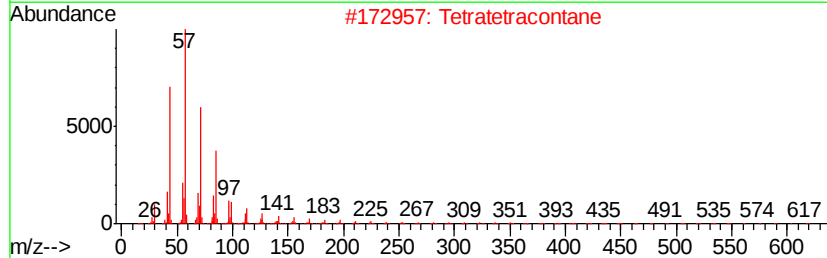
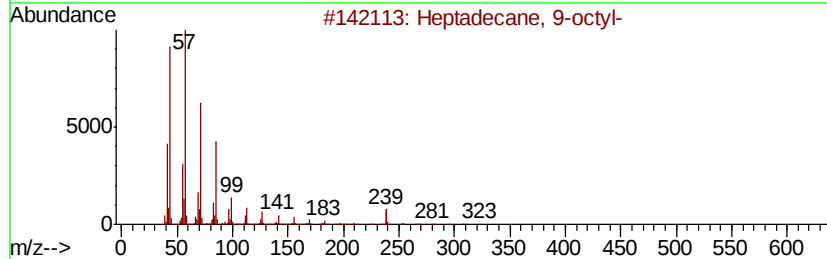
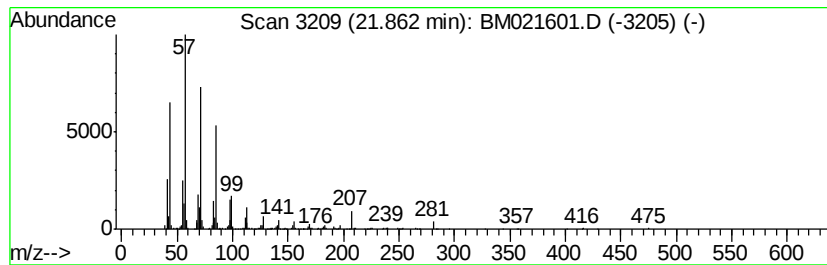
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.96 ng/ul	561855	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Hexatriacontane	507	C36H74	000630-06-8	87
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5		Heneicosane	296	C21H44	000629-94-7	87



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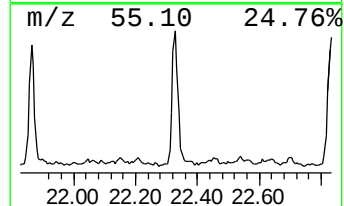
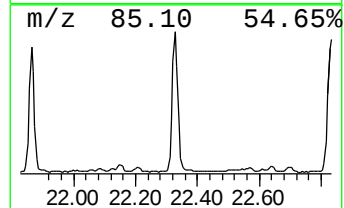
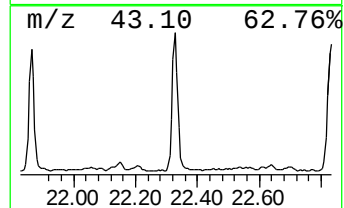
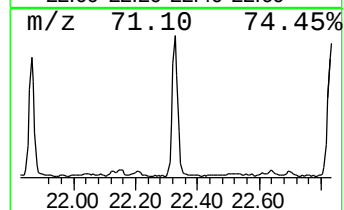
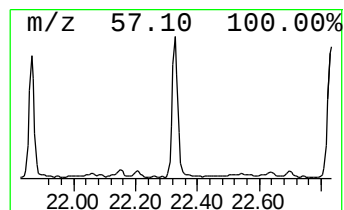
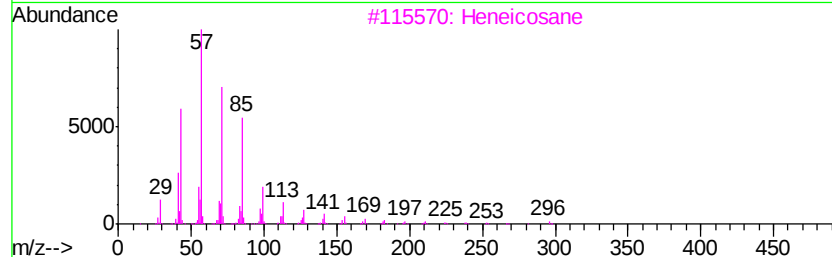
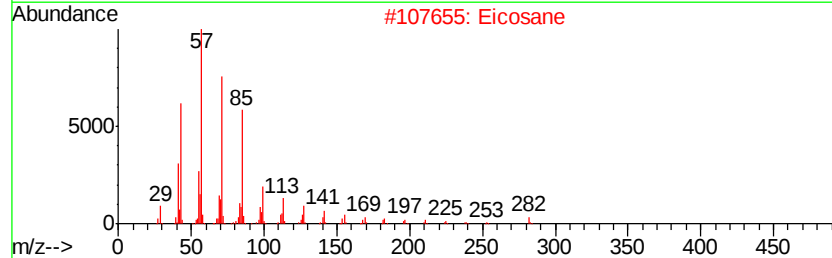
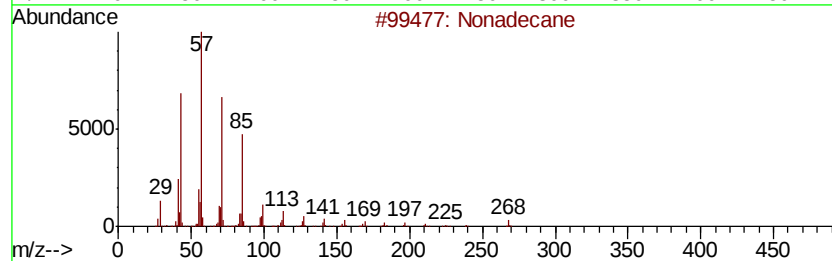
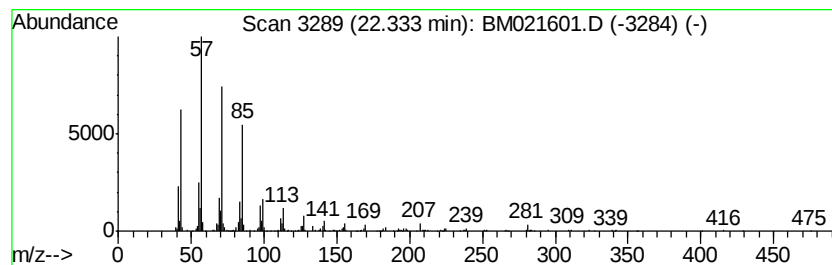
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Quant Title : SVOA CALIBRATION

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.
22.33	3.40 ng/ul	645486	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021601.D
Acq On : 23 Jul 2019 03:39
Operator : HP/JU
Sample : K3823-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52R6

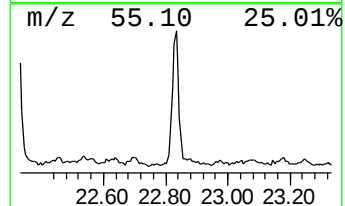
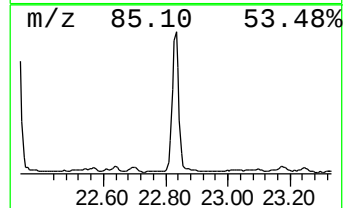
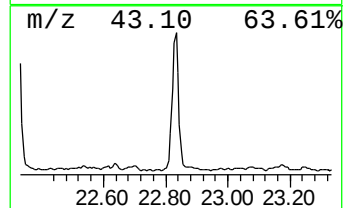
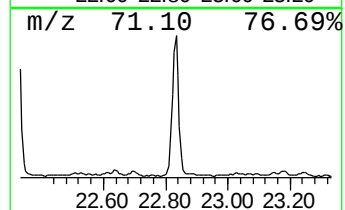
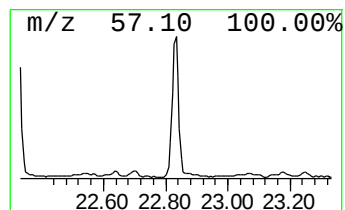
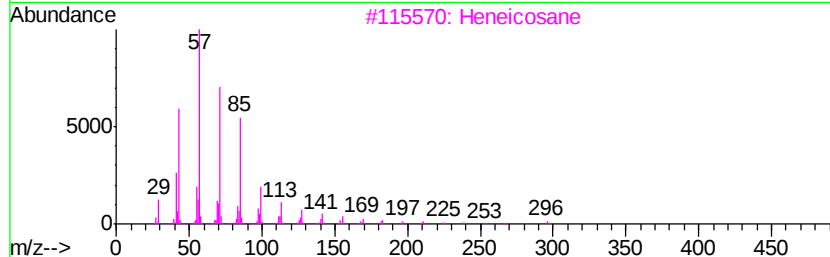
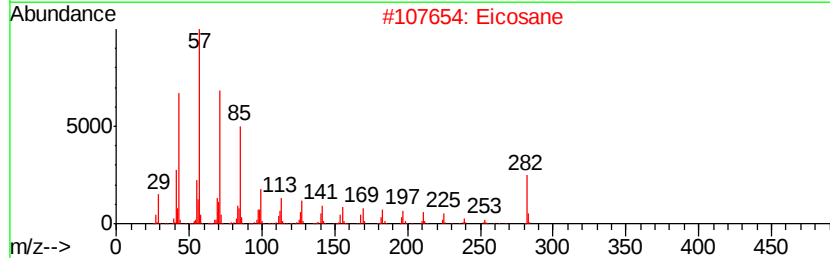
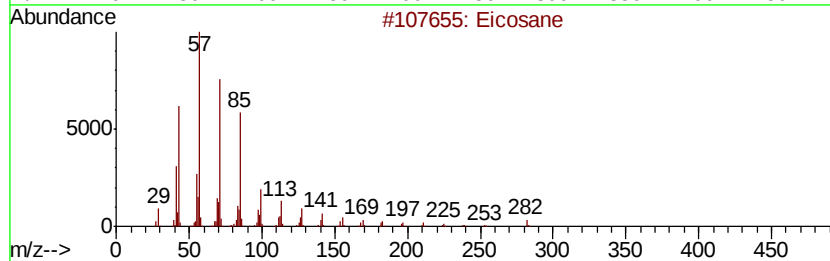
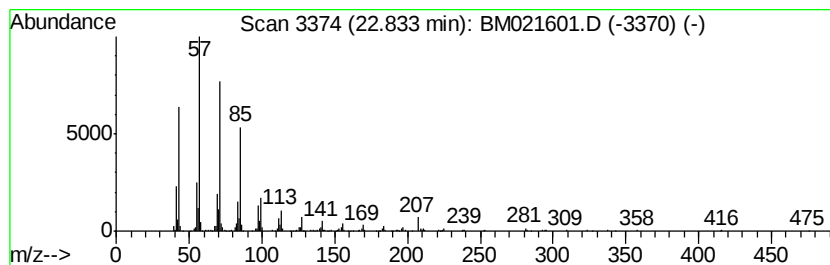
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	3.26 ng/ul	664569	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	93
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021601.D
Acq On : 23 Jul 2019 03:39
Operator : HP/JU
Sample : K3823-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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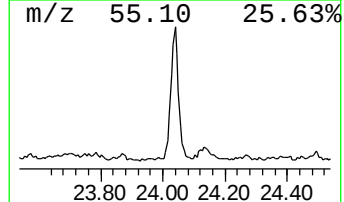
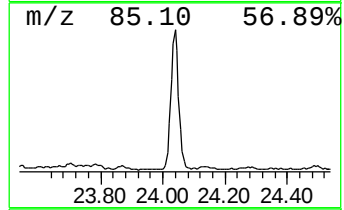
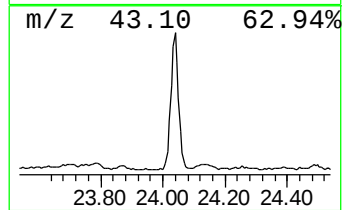
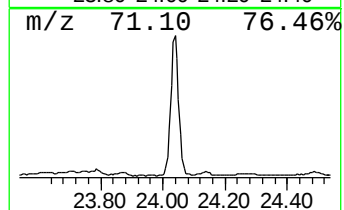
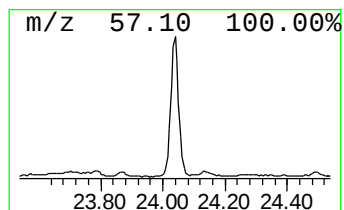
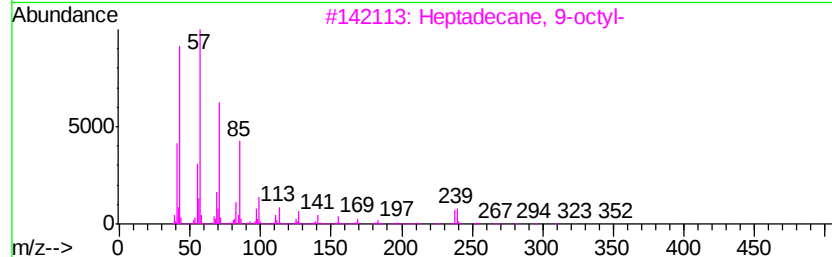
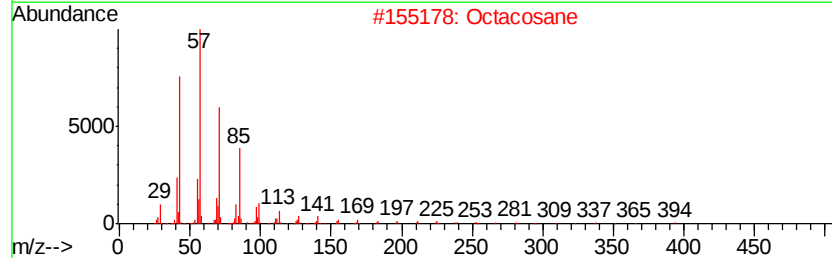
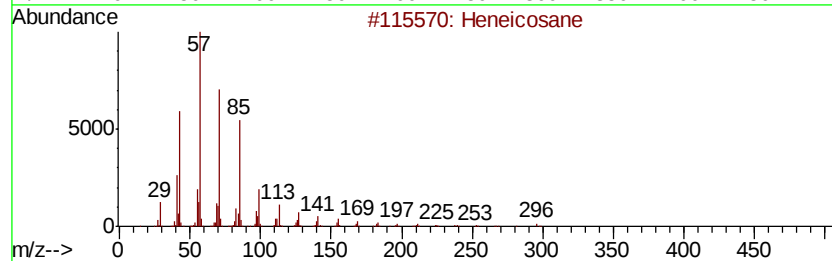
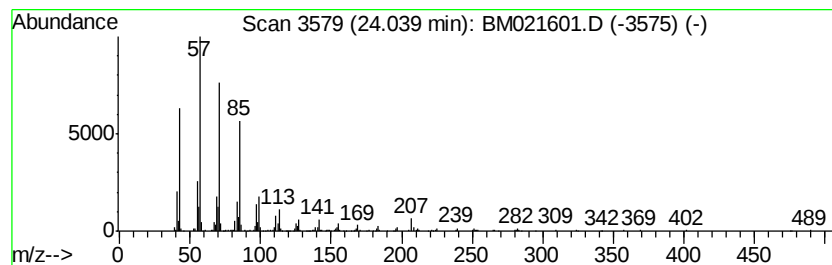
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	3.36 ng/ul	685846	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072219\
Data File : BM021601.D
Acq On : 23 Jul 2019 03:39
Operator : HP/JU
Sample : K3823-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52R6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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	2.0	ng/ul	273803	4	17.10	2711900	20.0
(DEL) Alkane: Str...	20.99	2.7	ng/ul	507855	5	21.29	3792980	20.0
(DEL) Alkane: Str...	21.43	2.5	ng/ul	466958	5	21.29	3792980	20.0
(DEL) Alkane: Str...	21.86	3.0	ng/ul	561855	5	21.29	3792980	20.0
(DEL) Alkane: Str...	22.33	3.4	ng/ul	645486	5	21.29	3792980	20.0
(DEL) Alkane: Str...	22.83	3.3	ng/ul	664569	6	23.54	4083370	20.0
(DEL) Alkane: Str...	24.04	3.4	ng/ul	685846	6	23.54	4083370	20.0