

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019398.D
 Acq On : 24 Mar 2019 18:49
 Operator : JU/SJ
 Sample : K2044-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5T5

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-BM032219MA.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	3.146	24	27	35	rVB	44485	59498	1.63%	0.172%
2	3.846	144	146	149	rBV3	3376	3714	0.10%	0.011%
3	6.787	640	646	664	rBV	389357	760298	20.80%	2.195%
4	6.957	670	675	694	rBV	320862	571400	15.63%	1.649%
5	7.140	700	706	719	rBV	466505	763673	20.89%	2.204%
6	7.610	779	786	795	rBV	427324	728541	19.93%	2.103%
7	7.710	801	803	810	rVB3	2269	4199	0.11%	0.012%
8	8.316	901	906	923	rBV	465924	893294	24.43%	2.579%
9	8.775	978	984	1001	rBV	369530	666626	18.23%	1.924%
10	9.104	1035	1040	1047	rVB3	7153	12085	0.33%	0.035%
11	9.492	1100	1106	1120	rBV	296091	552972	15.13%	1.596%
12	10.022	1189	1196	1219	rBV	453769	893605	24.44%	2.579%
13	10.386	1250	1258	1272	rBV	639556	1088051	29.76%	3.141%
14	10.551	1279	1286	1312	rBV	380343	906821	24.80%	2.618%
15	11.239	1398	1403	1407	rBV3	2282	5047	0.14%	0.015%
16	12.027	1531	1537	1545	rVB2	4353	12820	0.35%	0.037%
17	13.686	1811	1819	1824	rBV	939398	1420509	38.85%	4.100%
18	13.733	1824	1827	1835	rVB	149270	225407	6.17%	0.651%
19	13.957	1857	1865	1877	rBV	1199950	1763387	48.23%	5.090%
20	14.151	1893	1898	1901	rBV4	2903	4020	0.11%	0.012%
21	14.263	1911	1917	1928	rBV2	980564	1496246	40.93%	4.319%
22	14.510	1954	1959	1986	rBV2	134943	458293	12.54%	1.323%
23	14.692	1986	1990	1996	rVB4	15331	25855	0.71%	0.075%
24	15.051	2048	2051	2056	rVV4	3439	4692	0.13%	0.014%
25	15.104	2057	2060	2063	rVB3	6919	7695	0.21%	0.022%
26	15.262	2081	2087	2101	rBV	1551158	2238797	61.24%	6.462%
27	15.404	2106	2111	2125	rVV	332375	508990	13.92%	1.469%
28	15.510	2125	2129	2134	rVB3	17659	26019	0.71%	0.075%
29	15.974	2204	2208	2216	rBV3	5891	11875	0.32%	0.034%
30	16.045	2216	2220	2225	rVB2	6099	7601	0.21%	0.022%
31	16.221	2247	2250	2253	rVB2	4074	4187	0.11%	0.012%
32	16.774	2340	2344	2347	rVB4	3841	6098	0.17%	0.018%
33	16.815	2347	2351	2355	rBV3	6368	9774	0.27%	0.028%
34	17.021	2380	2386	2397	rVV	1301263	1800399	49.25%	5.197%

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Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	17.121	2397	2403	2422	rVV2	1629060	2403251	65.74%	6.937%
36	17.504	2466	2468	2475	rVB5	3859	6132	0.17%	0.018%
37	17.680	2494	2498	2507	rVB4	4491	7591	0.21%	0.022%
38	17.915	2533	2538	2550	rBV	155255	280284	7.67%	0.809%
39	18.121	2572	2573	2577	rVB3	3926	3792	0.10%	0.011%
40	18.198	2583	2586	2590	rBV6	9676	12358	0.34%	0.036%
41	18.839	2691	2695	2699	rBV6	7920	11241	0.31%	0.032%
42	19.062	2729	2733	2742	rBV3	27376	54399	1.49%	0.157%
43	19.203	2753	2757	2767	rBV4	71803	122988	3.36%	0.355%
44	19.315	2772	2776	2781	rVB2	13670	19386	0.53%	0.056%
45	19.427	2789	2795	2805	rBV	2193775	2902152	79.38%	8.377%
46	19.962	2882	2886	2890	rVB5	29410	36677	1.00%	0.106%
47	20.462	2967	2971	2975	rBV2	57352	66587	1.82%	0.192%
48	20.933	3046	3051	3065	rBV	277339	543374	14.86%	1.568%
49	21.227	3096	3101	3114	rBV	1682273	2249412	61.53%	6.493%
50	21.362	3121	3124	3128	rBV	154516	166615	4.56%	0.481%
51	21.791	3193	3197	3201	rBV	212614	253729	6.94%	0.732%
52	22.244	3270	3274	3284	rBV	295083	383145	10.48%	1.106%
53	22.738	3354	3358	3364	rVB	296696	417766	11.43%	1.206%
54	23.303	3447	3454	3464	rBV2	2002429	3655939	100.00%	10.553%
55	23.444	3471	3478	3488	rBV	1256571	2333288	63.82%	6.735%
56	23.927	3555	3560	3567	rVB	249328	429767	11.76%	1.241%
57	24.656	3680	3684	3691	rVB	176826	341301	9.34%	0.985%

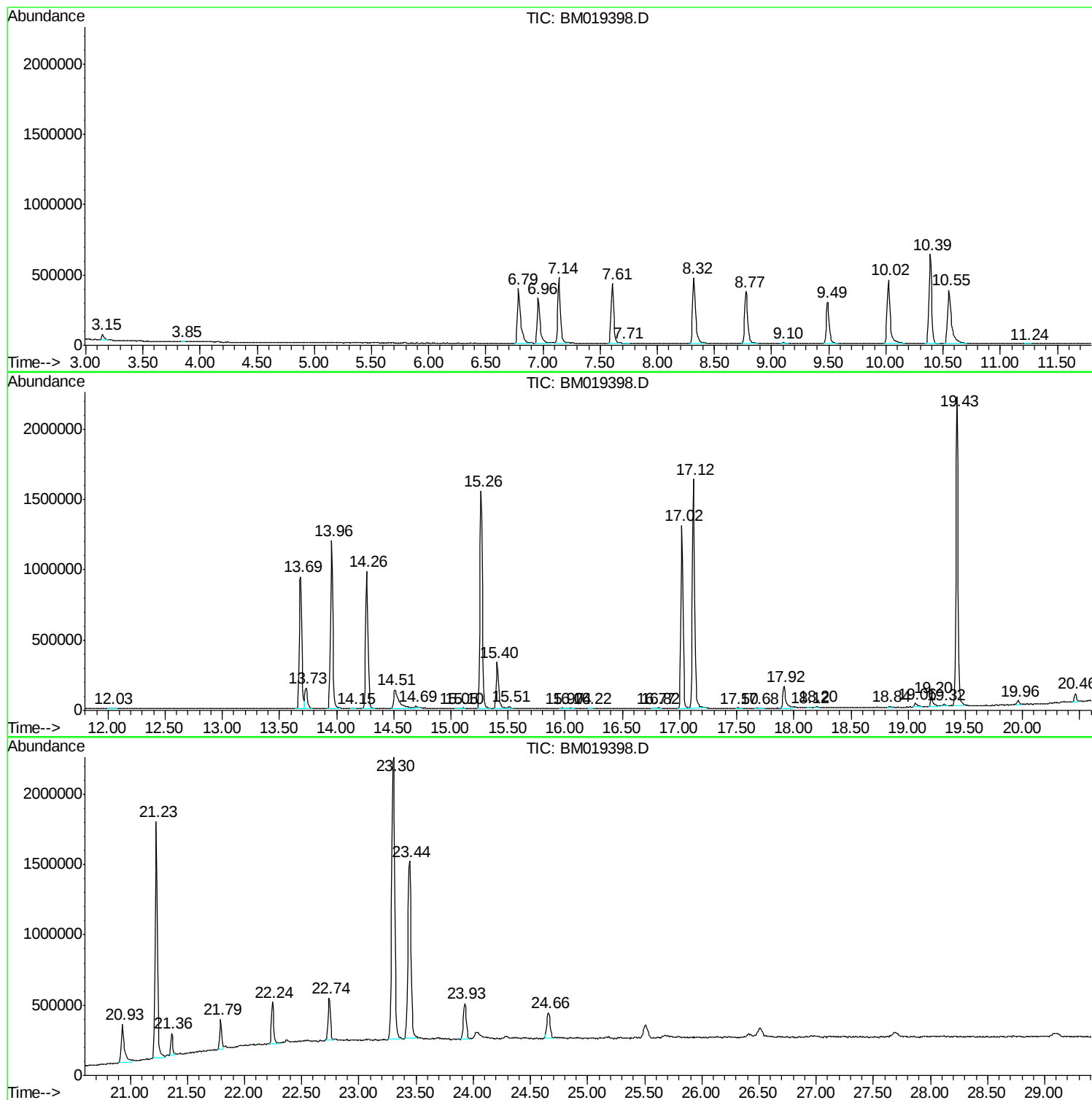
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Quant Title : SVOA CALIBRATION

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



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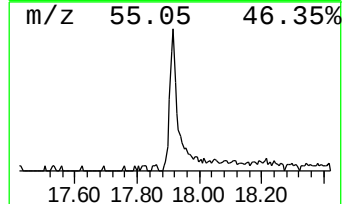
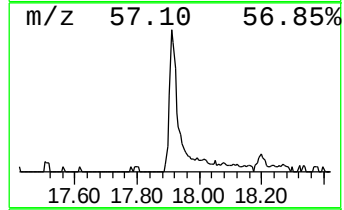
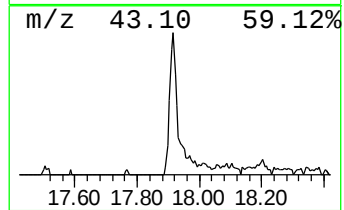
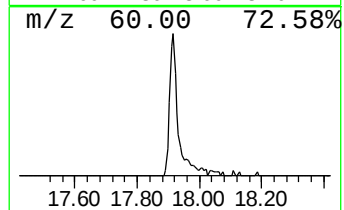
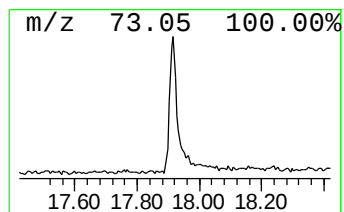
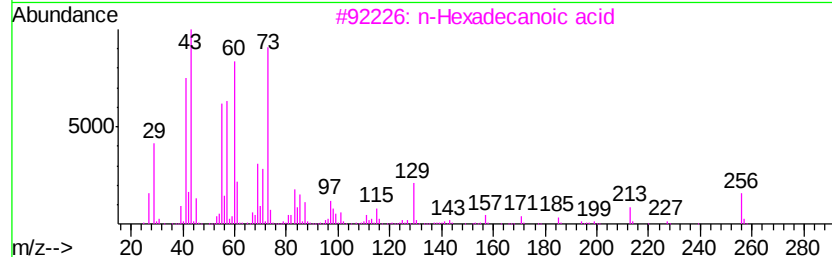
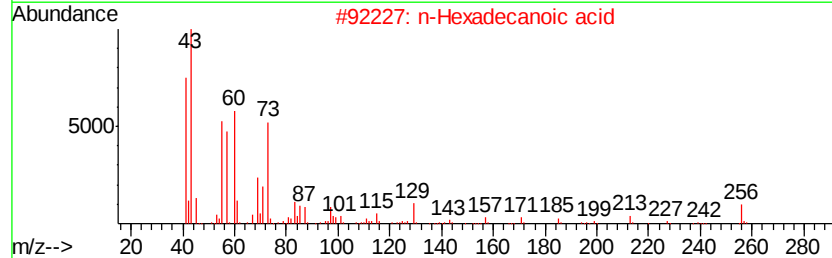
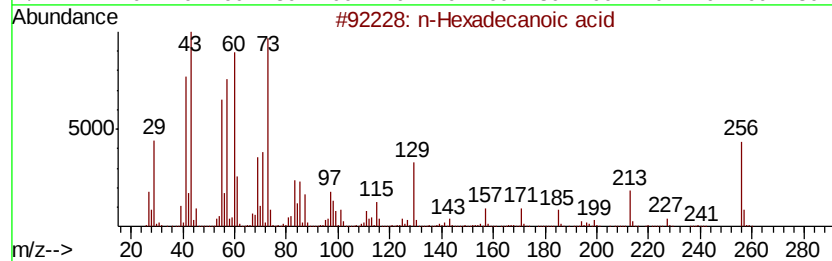
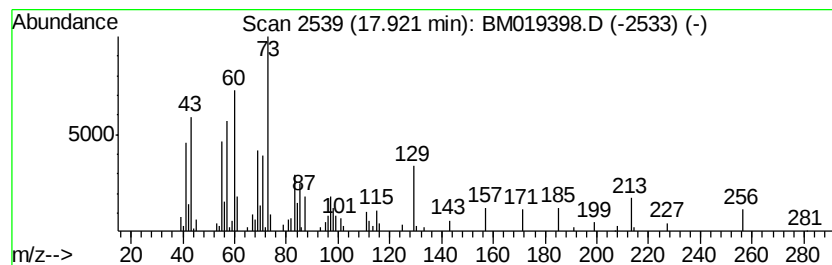
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.92	3.11 ng/ul	280284	Phenanthrene-d10		17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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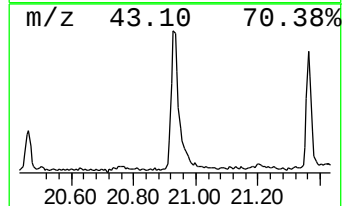
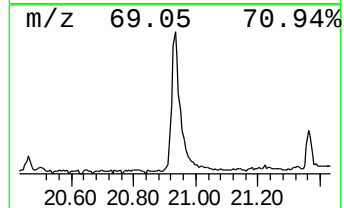
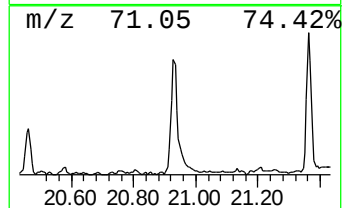
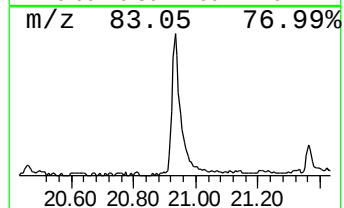
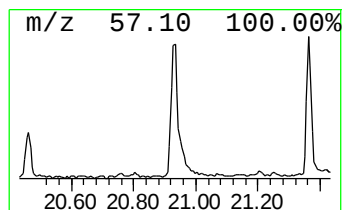
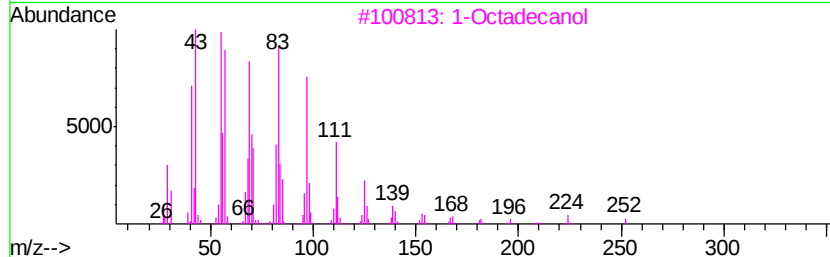
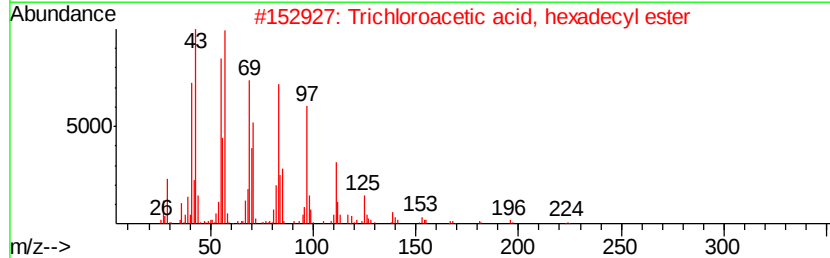
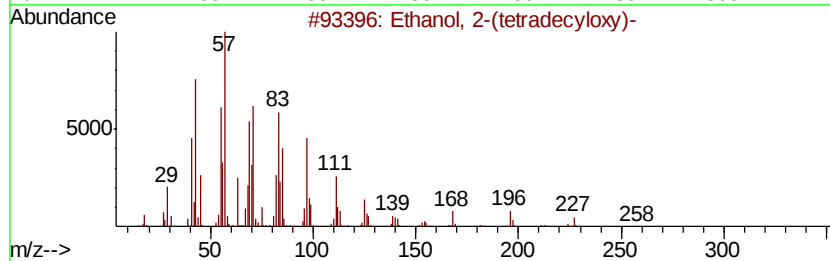
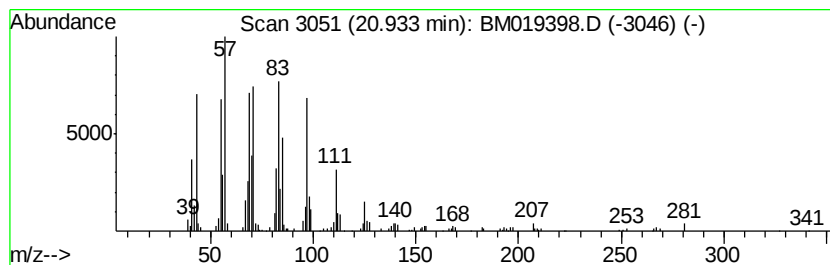
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Ethanol, 2-(tetradecyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.83 ng/ul	543374	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	72
3		1-Octadecanol	270	C18H38O	000112-92-5	70
4		1-Hexadecanol	242	C16H34O	036653-82-4	70
5		1-Nonadecanol	284	C19H40O	001454-84-8	70



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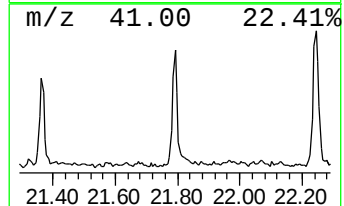
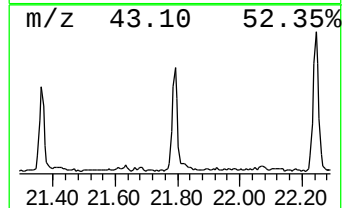
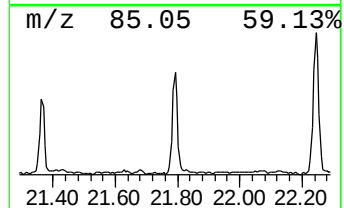
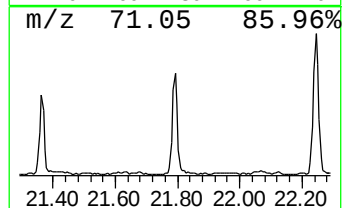
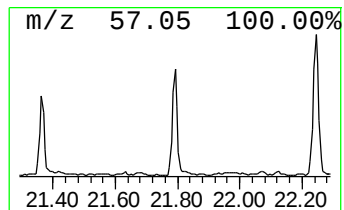
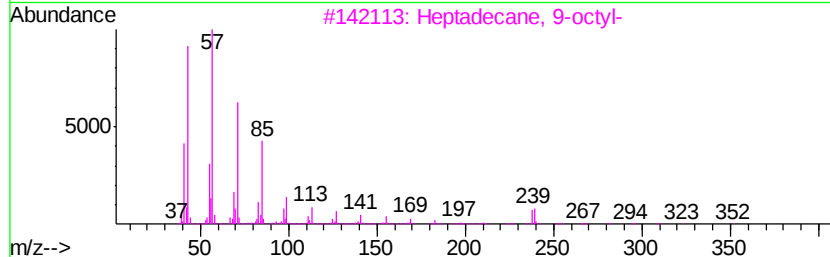
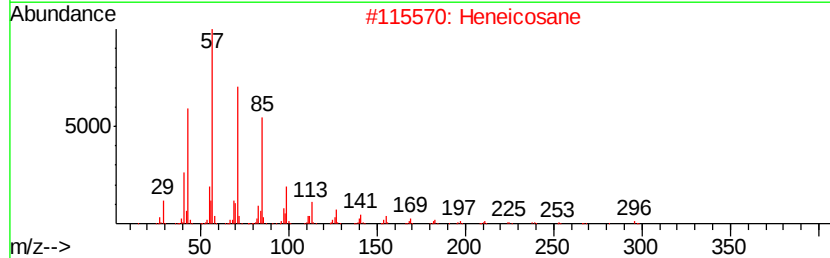
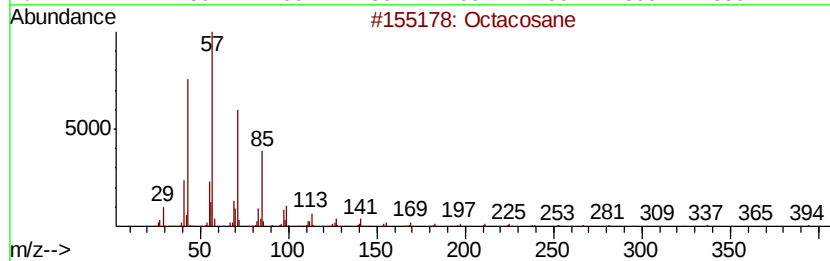
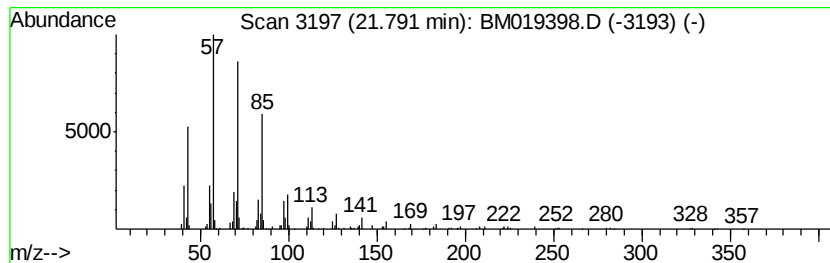
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.26 ng/ul	253729	Chrysene-d12	21.23

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		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Heptacosane	380	C27H56	000593-49-7	91



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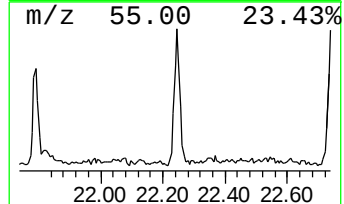
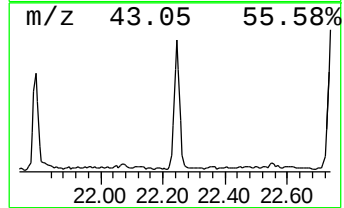
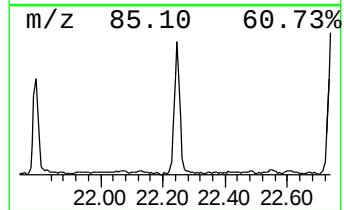
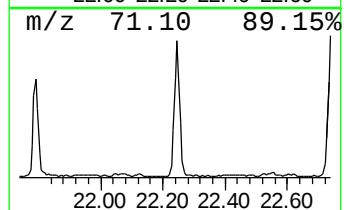
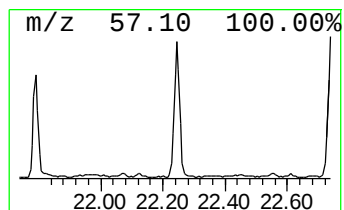
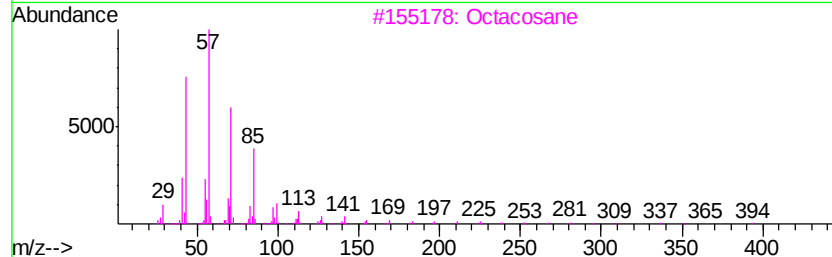
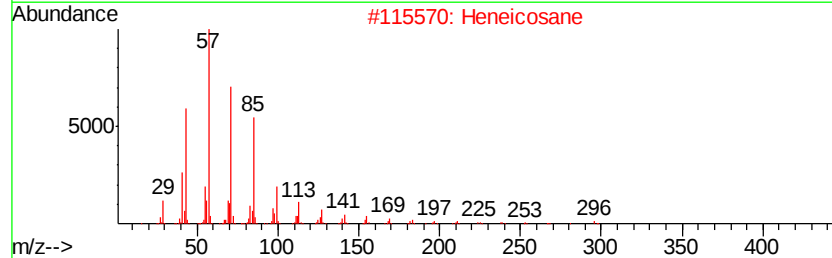
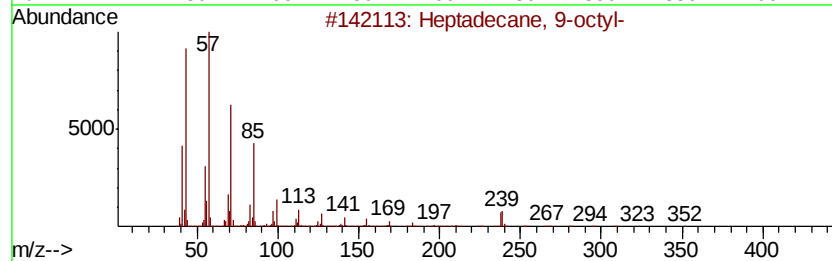
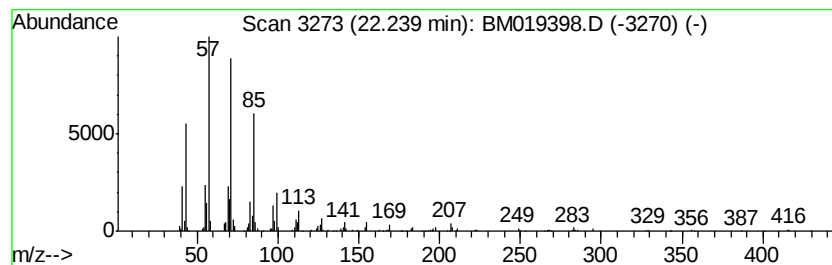
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	3.41 ng/ul	383145	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Hexadecane	226	C16H34	000544-76-3	90



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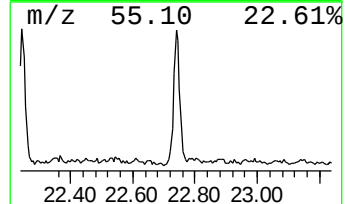
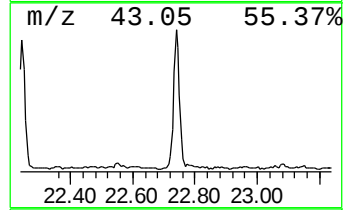
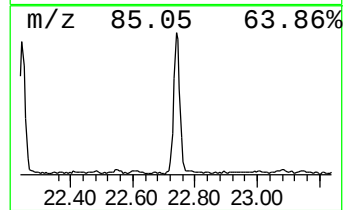
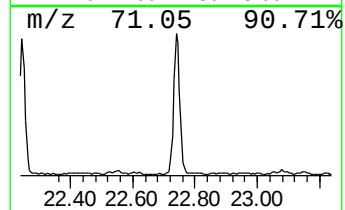
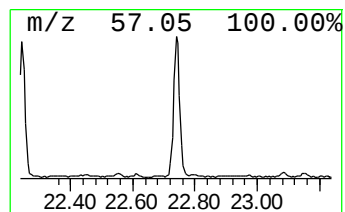
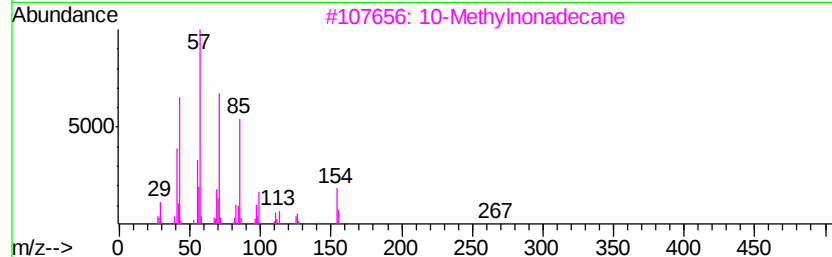
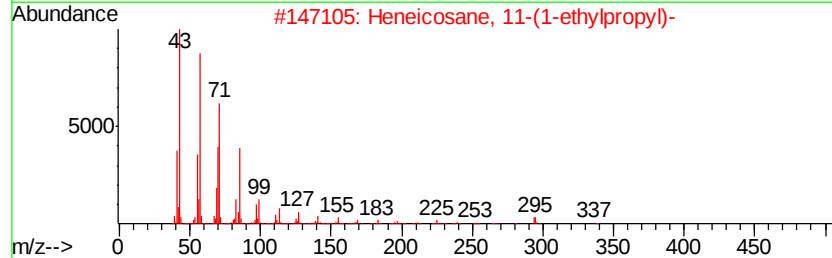
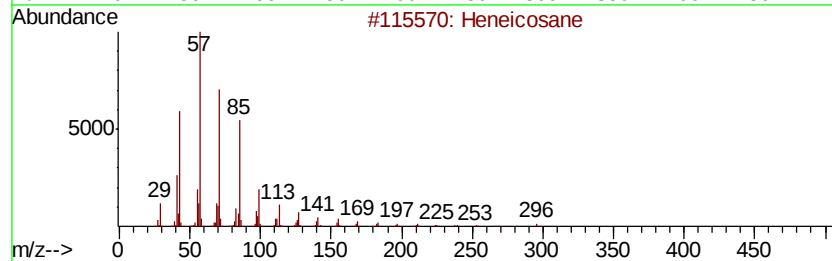
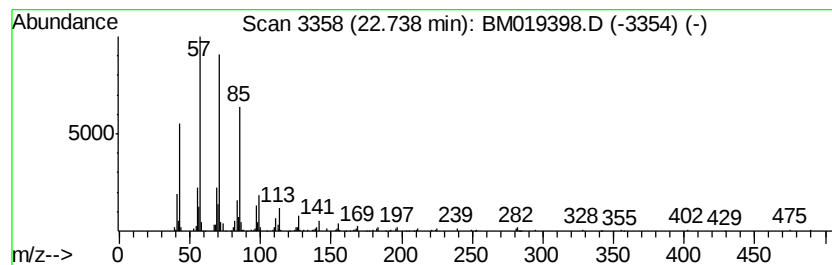
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Quant Title : SVOA CALIBRATION

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.
22.74	3.58 ng/ul	417766	Perylene-d12	23.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91
3	10-Methylnonadecane		282	C20H42	056862-62-5	90
4	Tetracosane		338	C24H50	000646-31-1	90
5	Nonacosane		408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019398.D
Acq On : 24 Mar 2019 18:49
Operator : JU/SJ
Sample : K2044-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5T5

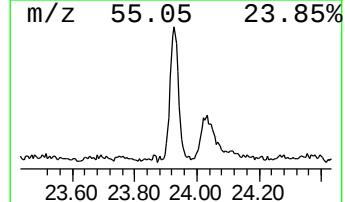
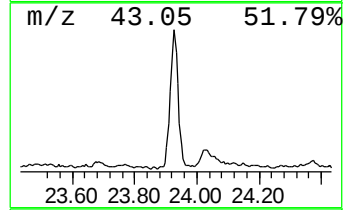
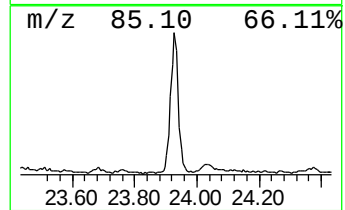
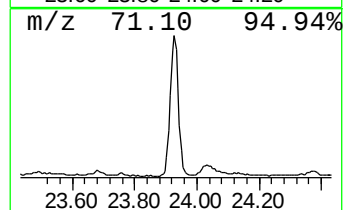
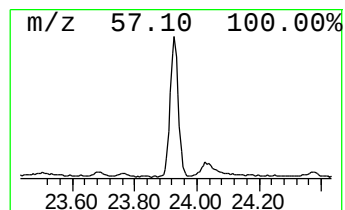
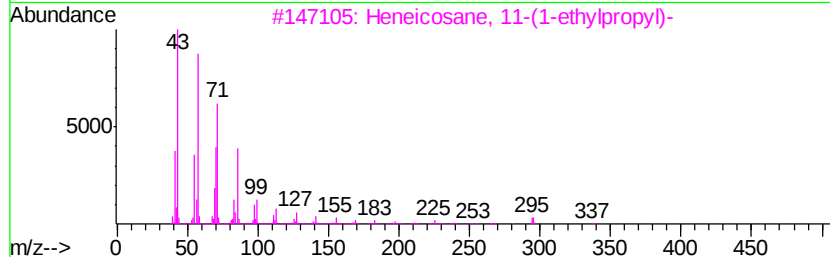
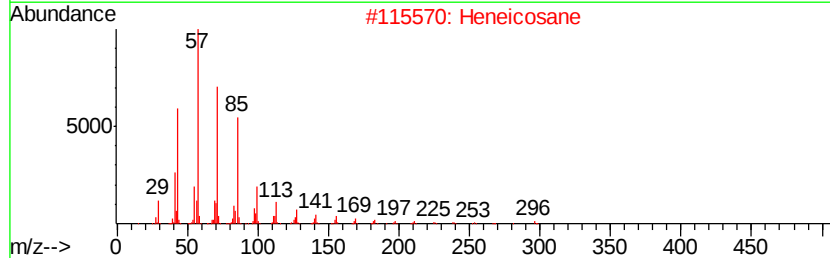
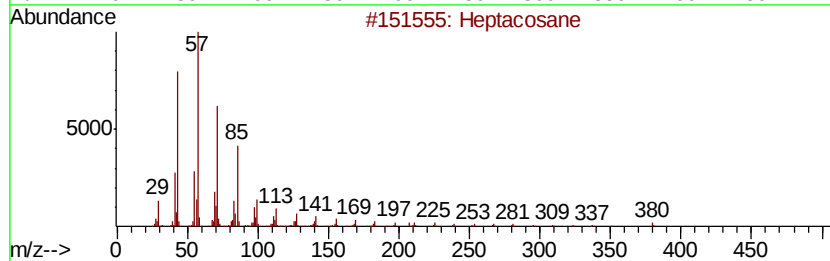
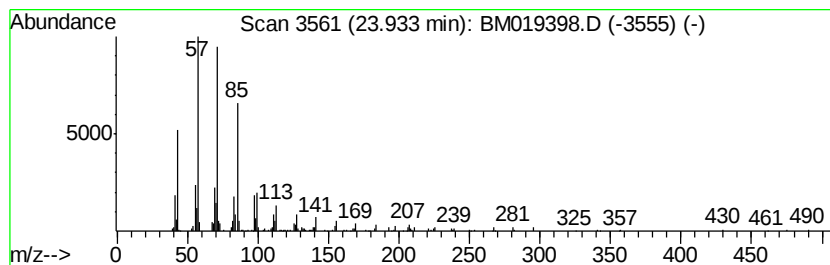
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Quant Title : SVOA CALIBRATION

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.
23.93	3.68 ng/ul	429767	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019398.D
Acq On : 24 Mar 2019 18:49
Operator : JU/SJ
Sample : K2044-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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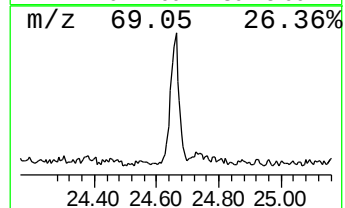
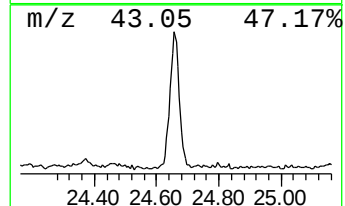
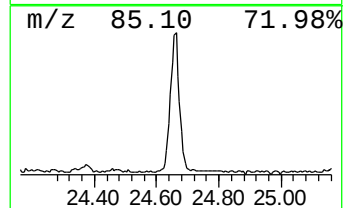
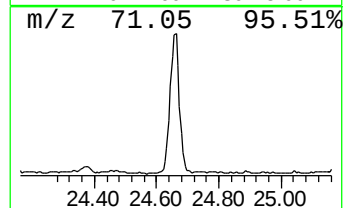
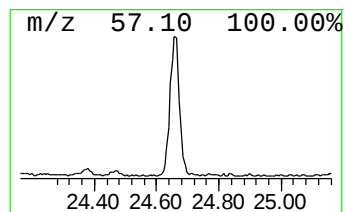
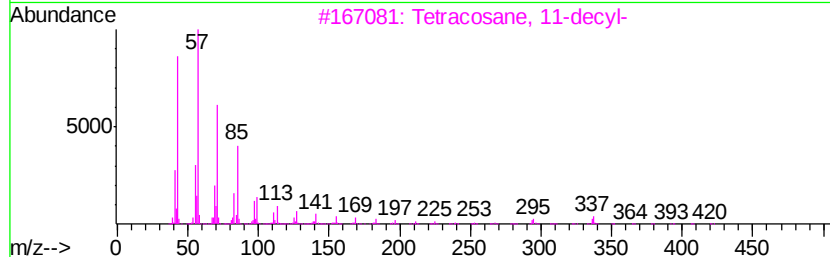
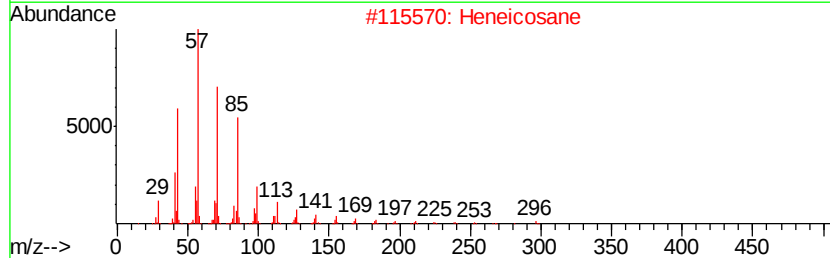
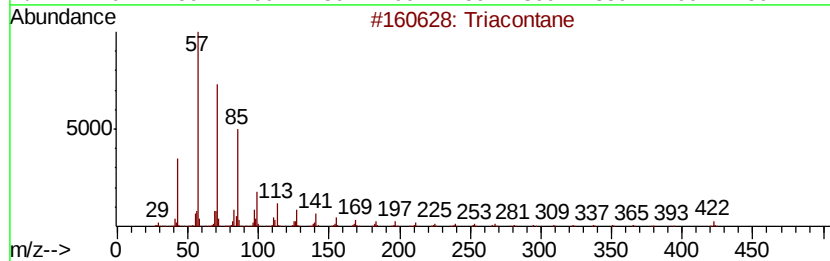
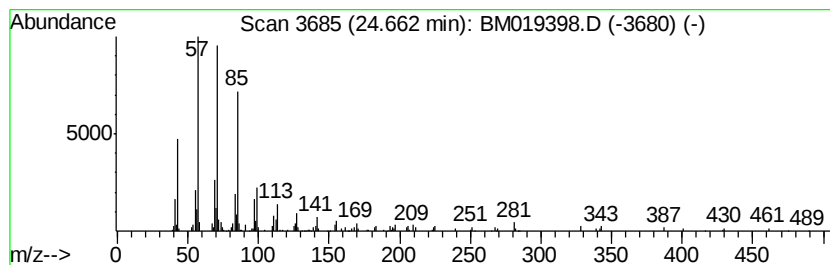
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	2.93 ng/ul	341301	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	87
2		Heneicosane	296	C21H44	000629-94-7	87
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
4		Heptacosane	380	C27H56	000593-49-7	83
5		Hentriacontane	437	C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
Data File : BM019398.D
Acq On : 24 Mar 2019 18:49
Operator : JU/SJ
Sample : K2044-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5T5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	17.92	3.1	ng/ul	280284	4	17.02	1800400	20.0
Ethanol, 2-(tetra...	20.93	4.8	ng/ul	543374	5	21.23	2249410	20.0
(DEL) Alkane: Str...	21.79	2.3	ng/ul	253729	5	21.23	2249410	20.0
(DEL) Alkane: Str...	22.24	3.4	ng/ul	383145	5	21.23	2249410	20.0
(DEL) Alkane: Str...	22.74	3.6	ng/ul	417766	6	23.44	2333290	20.0
(DEL) Alkane: Str...	23.93	3.7	ng/ul	429767	6	23.44	2333290	20.0
(DEL) Alkane: Str...	24.66	2.9	ng/ul	341301	6	23.44	2333290	20.0