

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
 Data File : BM019620.D
 Acq On : 30 Mar 2019 15:36
 Operator : JU/SJ
 Sample : K2084-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7W0

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	3.128	20	24	33	rBV	34160	57392	0.90%	0.118%
2	3.716	122	124	131	rVB4	5105	7349	0.12%	0.015%
3	4.769	300	303	313	rVB3	5930	11122	0.17%	0.023%
4	6.757	635	641	658	rBV	534949	1013073	15.90%	2.086%
5	6.928	664	670	691	rBV	431077	775599	12.17%	1.597%
6	7.110	695	701	716	rVB	602844	1032849	16.21%	2.127%
7	7.575	772	780	790	rBV	511402	841249	13.20%	1.733%
8	8.286	895	901	919	rBV	706430	1266747	19.88%	2.609%
9	8.745	971	979	992	rBV	537381	975167	15.31%	2.008%
10	9.075	1031	1035	1039	rVB2	4561	6612	0.10%	0.014%
11	9.457	1093	1100	1113	rBV	472523	846550	13.29%	1.743%
12	9.986	1184	1190	1209	rBV	711215	1305519	20.49%	2.689%
13	10.351	1245	1252	1264	rBV	756972	1248482	19.60%	2.571%
14	10.516	1274	1280	1298	rBV	597748	1296775	20.35%	2.671%
15	11.969	1522	1527	1534	rBV4	5120	13160	0.21%	0.027%
16	13.657	1807	1814	1819	rBV	1416954	2055712	32.27%	4.234%
17	13.704	1819	1822	1833	rVB	177075	244010	3.83%	0.503%
18	13.927	1849	1860	1876	rBV	1679246	2515822	39.49%	5.181%
19	14.233	1903	1912	1922	rBV2	1108014	1641487	25.77%	3.381%
20	14.480	1948	1954	1976	rBV	337869	897571	14.09%	1.849%
21	14.662	1980	1985	1996	rVB2	55398	94151	1.48%	0.194%
22	15.021	2042	2046	2052	rVB3	4291	7832	0.12%	0.016%
23	15.074	2052	2055	2059	rBV3	5560	6916	0.11%	0.014%
24	15.233	2076	2082	2099	rBV	2213794	3146662	49.39%	6.481%
25	15.380	2102	2107	2120	rVV	572823	840998	13.20%	1.732%
26	15.474	2120	2123	2129	rVB3	27358	38212	0.60%	0.079%
27	15.939	2199	2202	2210	rVB5	4129	8663	0.14%	0.018%
28	16.021	2212	2216	2221	rBV3	6345	8500	0.13%	0.018%
29	16.133	2232	2235	2240	rVB5	6779	9113	0.14%	0.019%
30	16.404	2276	2281	2289	rBV5	8050	18826	0.30%	0.039%
31	16.780	2341	2345	2353	rVB4	6409	10872	0.17%	0.022%
32	16.992	2375	2381	2391	rBV2	1361058	1936012	30.39%	3.987%
33	17.092	2391	2398	2409	rBV2	2505681	3517165	55.21%	7.244%
34	17.374	2441	2446	2450	rBV5	7543	12623	0.20%	0.026%

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35	17.762	2508	2512	2516	rBV6	4424	8277	0.13%	0.017%
36	17.886	2528	2533	2545	rBV	240572	397770	6.24%	0.819%
37	18.180	2578	2583	2585	rBV3	9766	11734	0.18%	0.024%
38	18.680	2666	2668	2674	rVB5	4806	6538	0.10%	0.013%
39	18.750	2677	2680	2685	rVB6	7822	10340	0.16%	0.021%
40	18.815	2688	2691	2695	rVB4	6762	9100	0.14%	0.019%
41	18.868	2695	2700	2704	rBV	6515	12548	0.20%	0.026%
42	19.033	2725	2728	2738	rBV2	32178	62762	0.99%	0.129%
43	19.180	2748	2753	2762	rBV2	54316	99416	1.56%	0.205%
44	19.292	2768	2772	2775	rBV	20973	26345	0.41%	0.054%
45	19.403	2785	2791	2803	rBV	3152818	4331438	67.99%	8.921%
46	19.915	2874	2878	2879	rBV4	12712	16118	0.25%	0.033%
47	19.933	2879	2881	2888	rVB2	27080	30801	0.48%	0.063%
48	20.433	2963	2966	2971	rVB2	48905	57380	0.90%	0.118%
49	20.897	3041	3045	3054	rBV	467030	618257	9.70%	1.273%
50	21.197	3091	3096	3108	rBV	2152968	2843018	44.62%	5.855%
51	21.339	3116	3120	3124	rBV	122752	147779	2.32%	0.304%
52	21.762	3188	3192	3195	rBV	189161	229041	3.60%	0.472%
53	22.215	3265	3269	3276	rVB	250585	331057	5.20%	0.682%
54	22.333	3287	3289	3294	rVB	96922	118068	1.85%	0.243%
55	22.703	3348	3352	3358	rVB	303982	422931	6.64%	0.871%
56	23.268	3440	3448	3457	rBV	3462555	6370933	100.00%	13.121%
57	23.403	3464	3471	3483	rVB	1690486	3145064	49.37%	6.477%
58	23.880	3547	3552	3561	rVB	311784	568634	8.93%	1.171%
59	24.603	3670	3675	3685	rVB	265020	568682	8.93%	1.171%
60	25.444	3814	3818	3830	rVB	182478	401864	6.31%	0.828%

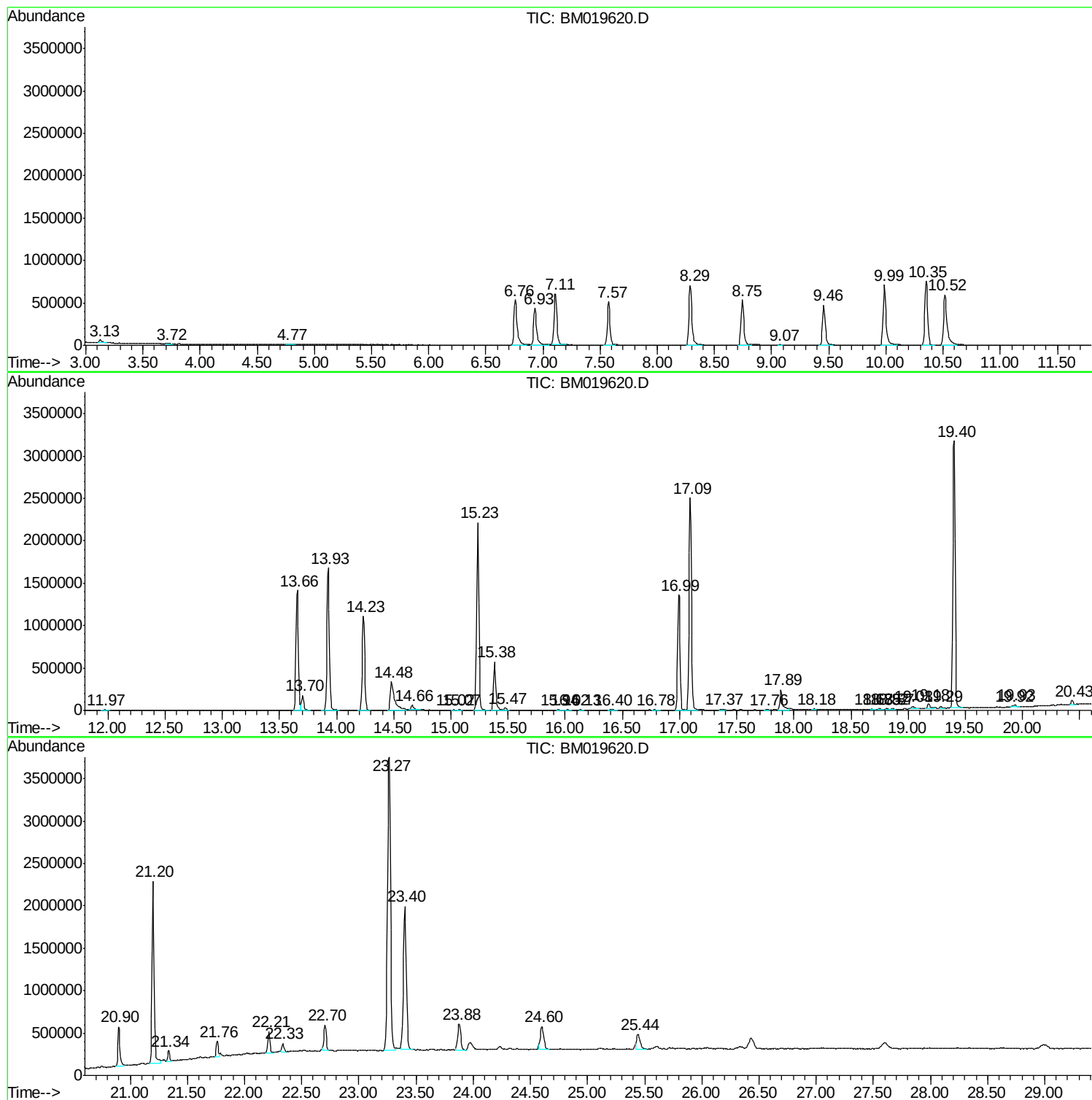
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TIC Library : C:\DATABASE\NIST02.L
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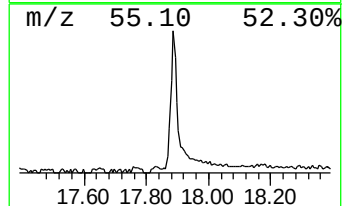
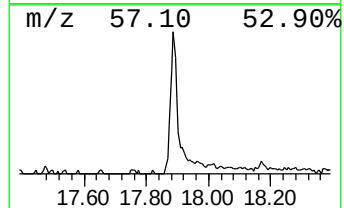
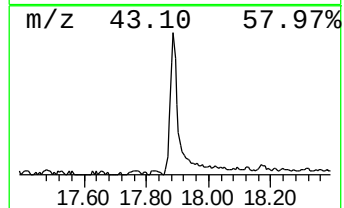
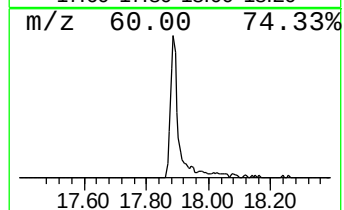
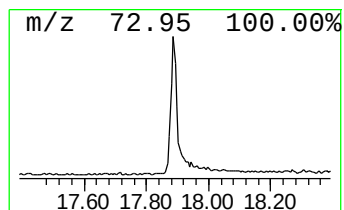
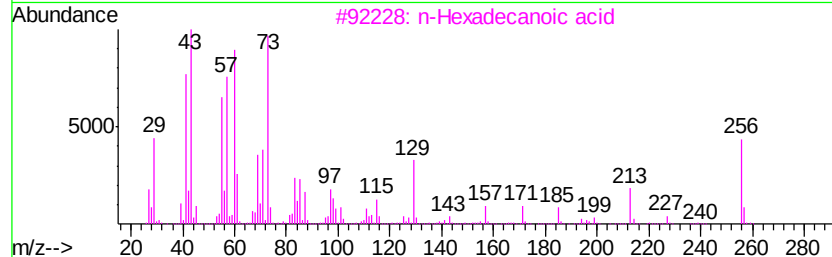
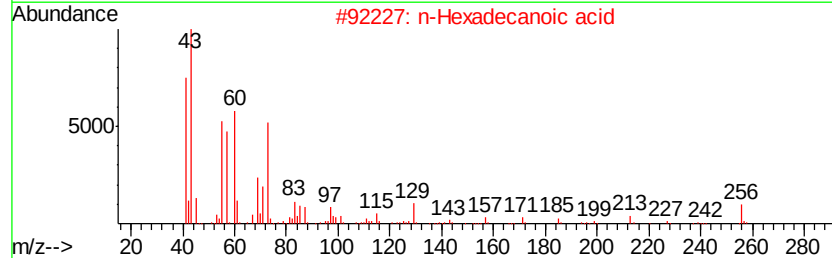
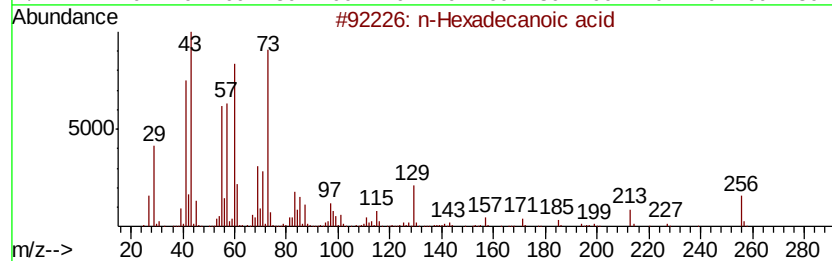
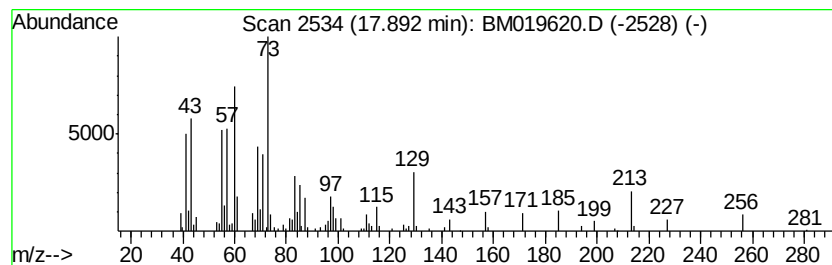
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.89	4.11 ng/ul	397770	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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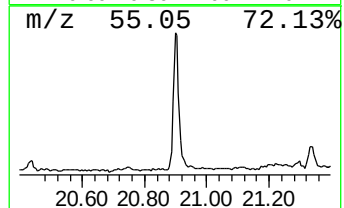
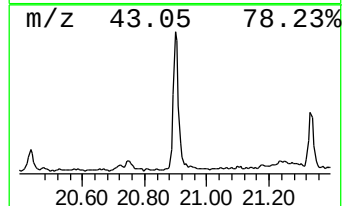
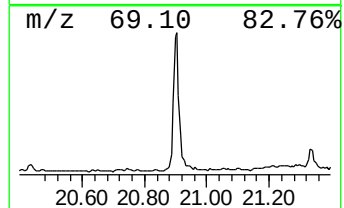
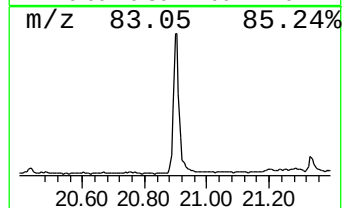
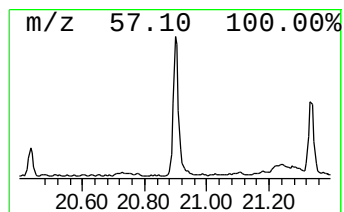
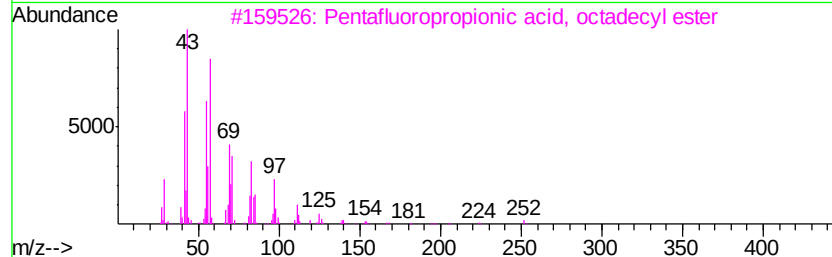
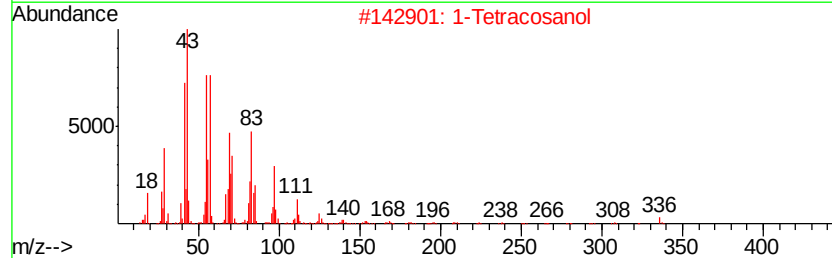
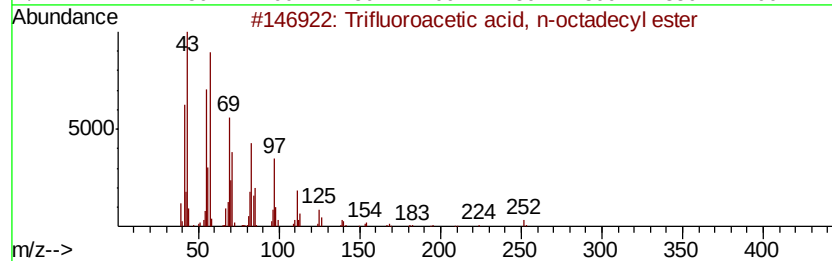
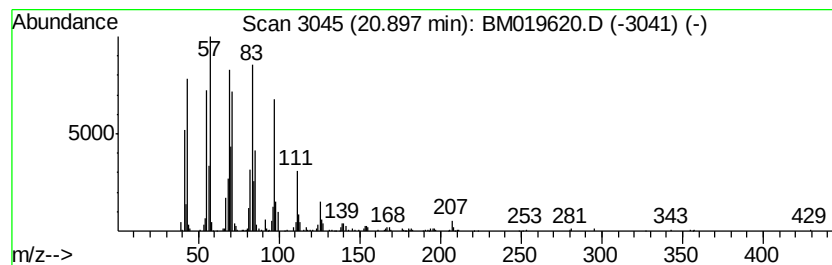
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Peak Number 2 Trifluoroacetic acid, n-oct... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.90	4.35 ng/ul	618257	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
2		1-Tetracosanol	354	C24H50O	000506-51-4	91
3		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	90
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5		1-Heptadecanol	256	C17H36O	001454-85-9	87



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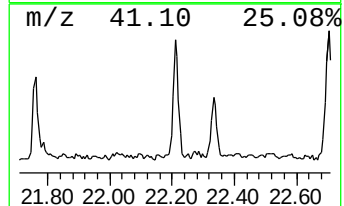
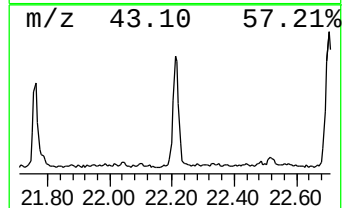
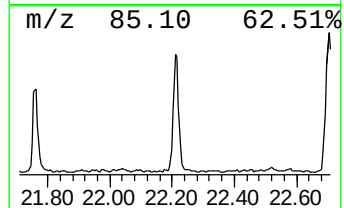
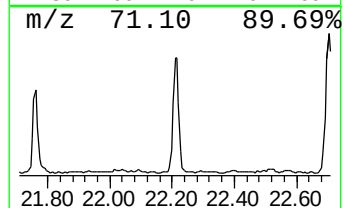
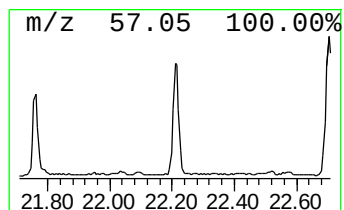
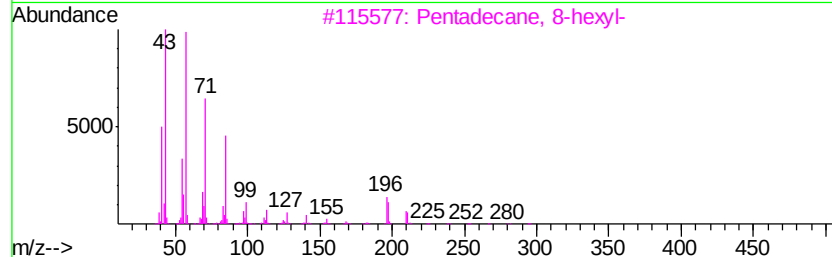
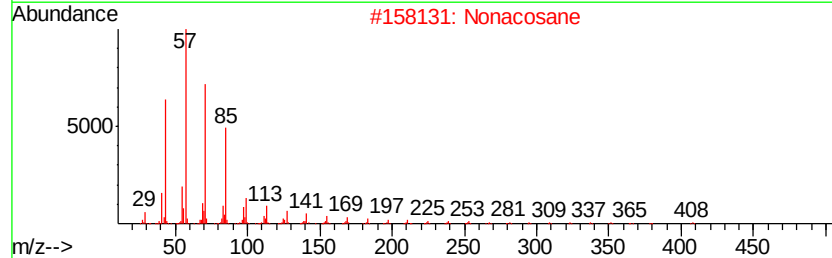
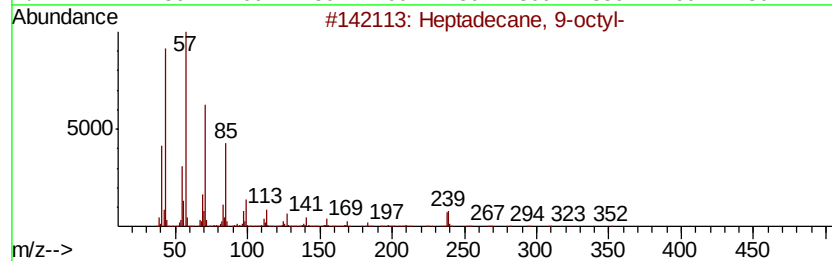
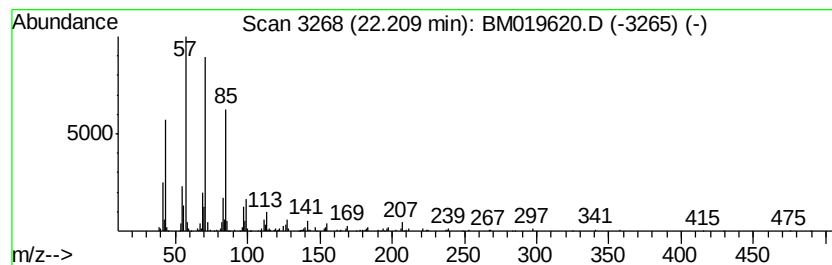
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.33 ng/ul	331057	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4		Docosane, 5-butyl-	366	C26H54	055282-16-1	90
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



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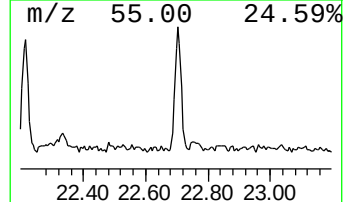
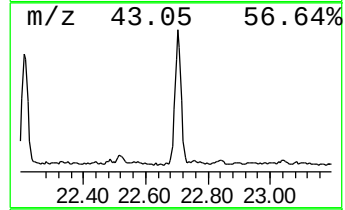
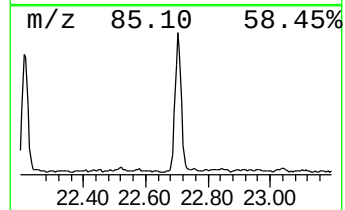
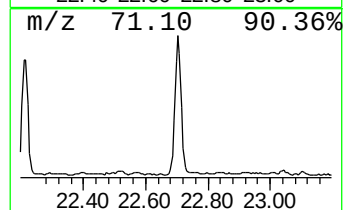
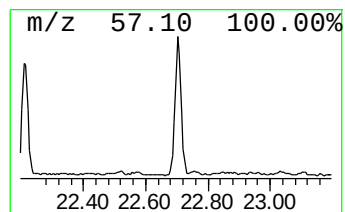
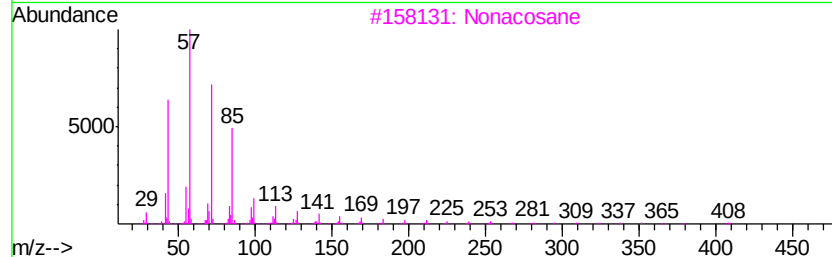
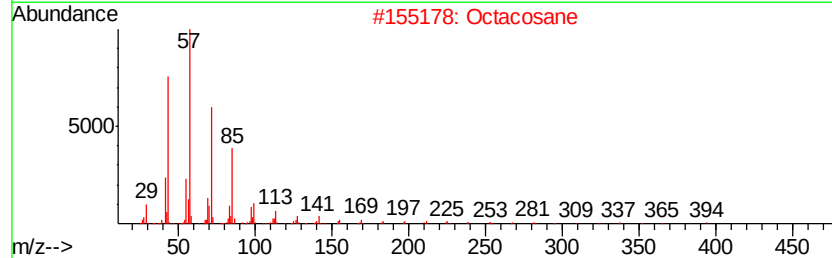
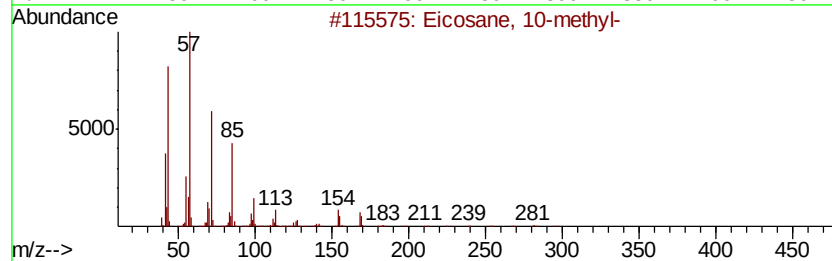
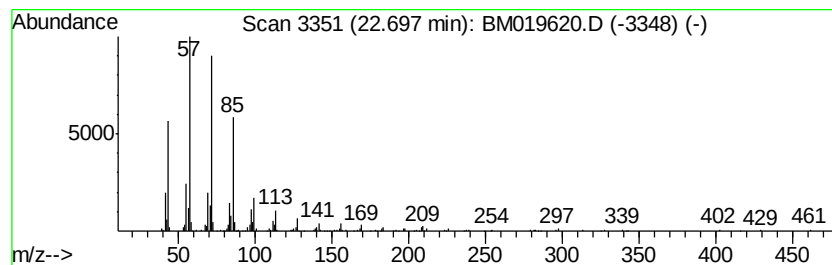
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.69 ng/ul	422931	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Nonacosane	408	C29H60	000630-03-5	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



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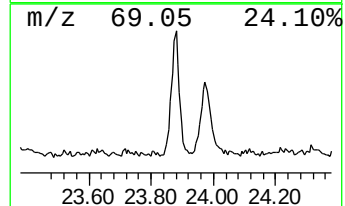
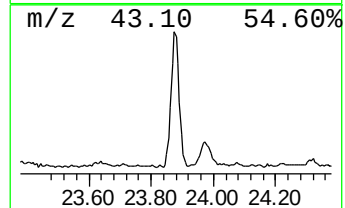
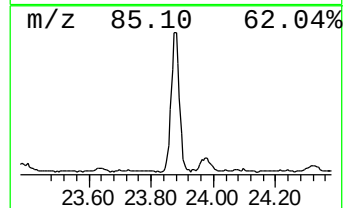
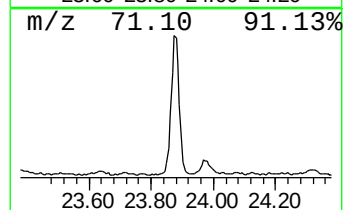
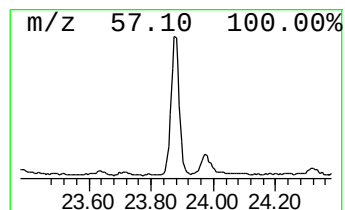
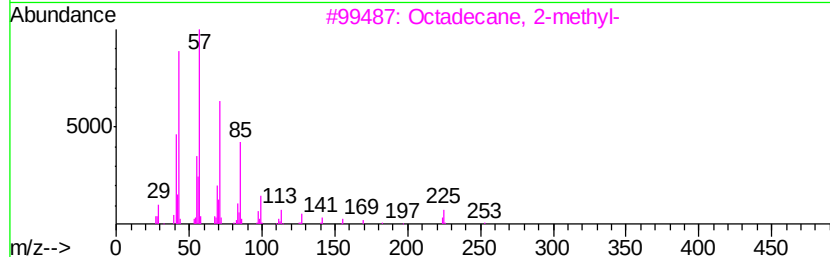
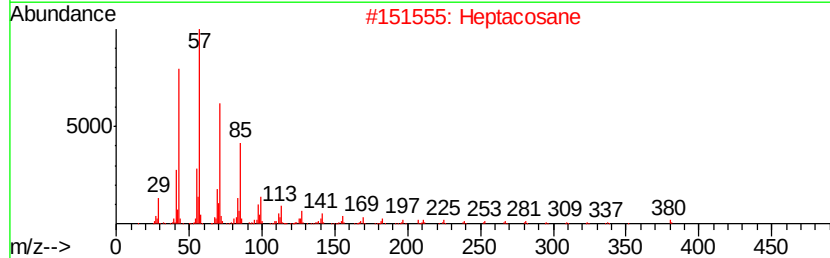
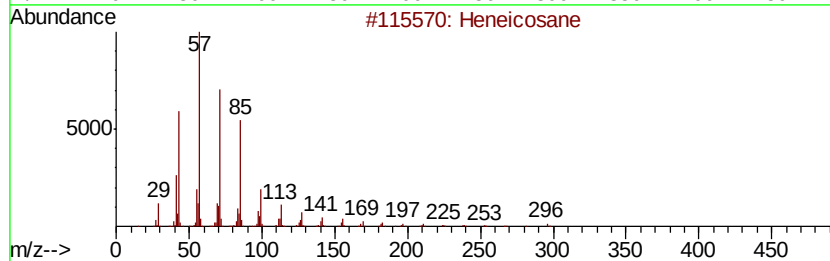
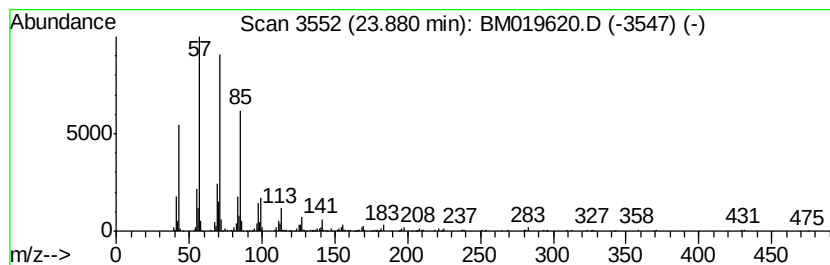
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	3.62 ng/ul	568634	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019620.D
Acq On : 30 Mar 2019 15:36
Operator : JU/SJ
Sample : K2084-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7W0

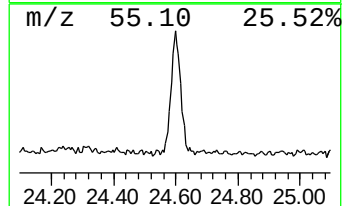
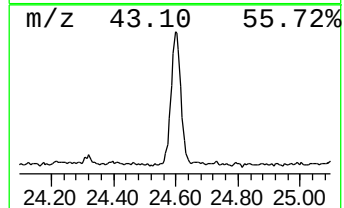
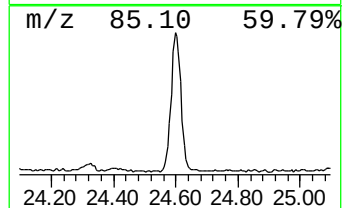
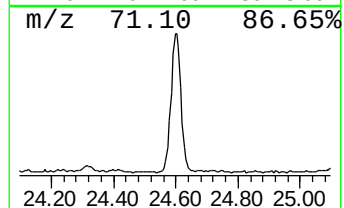
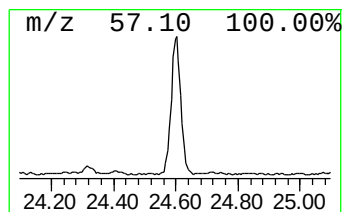
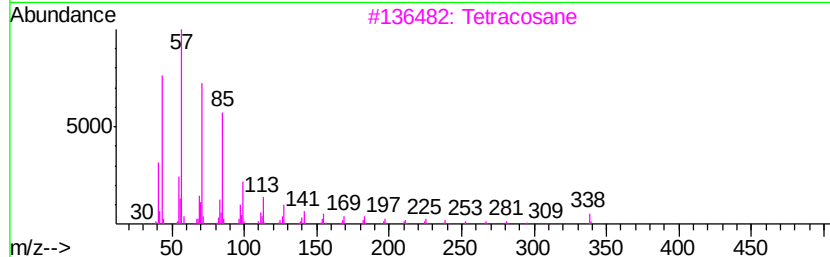
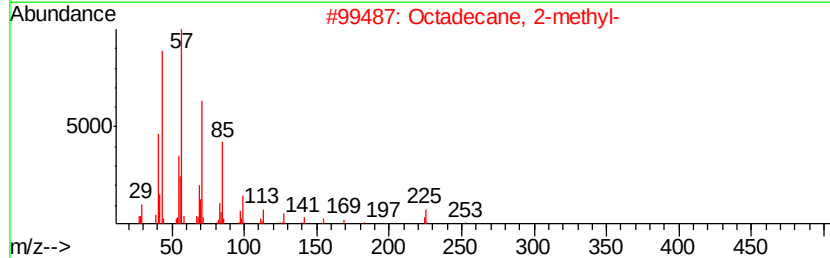
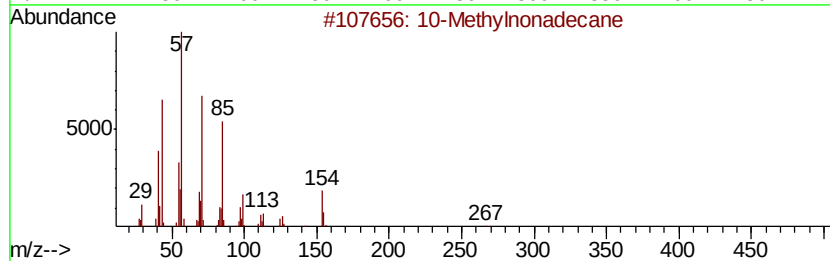
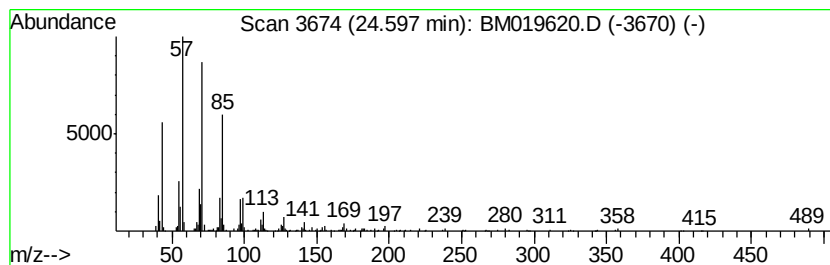
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Quant Title : SVOA CALIBRATION

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.
24.60	3.62 ng/ul	568682	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	90
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tetracosane	338	C24H50	000646-31-1	86
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019620.D
Acq On : 30 Mar 2019 15:36
Operator : JU/SJ
Sample : K2084-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7W0

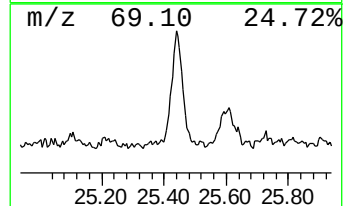
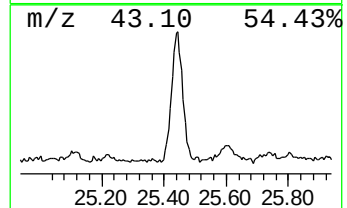
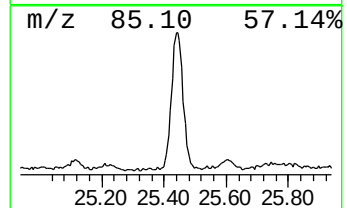
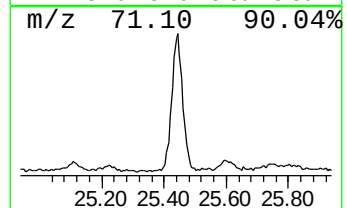
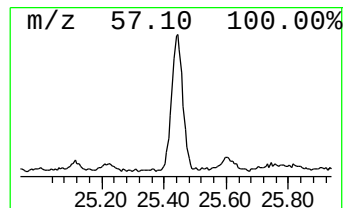
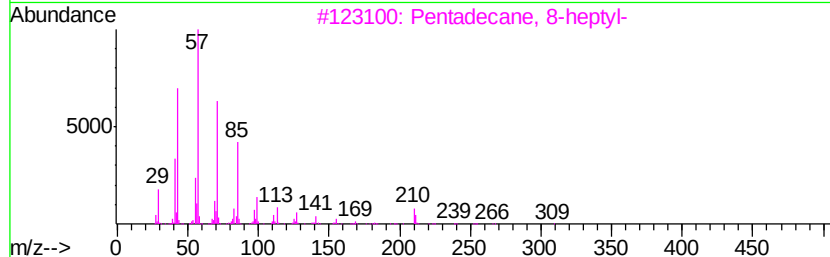
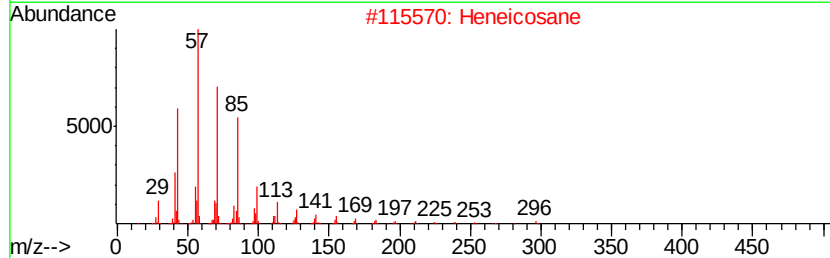
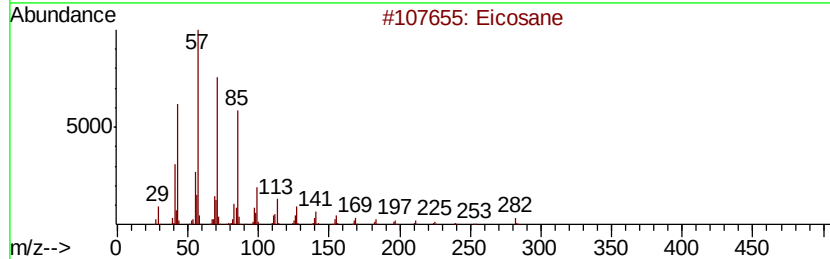
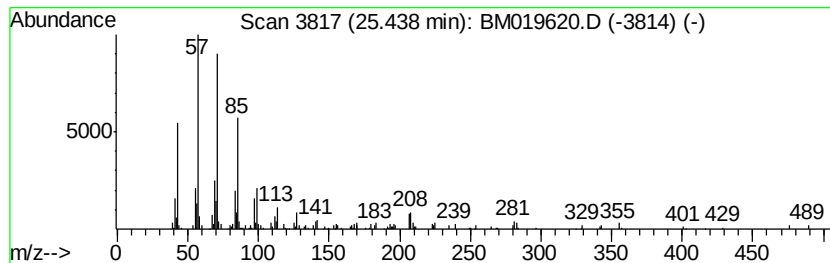
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.44	2.56 ng/ul	401864	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heneicosane	296	C21H44	000629-94-7	87
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4		Triacontane	422	C30H62	000638-68-6	87
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019620.D
Acq On : 30 Mar 2019 15:36
Operator : JU/SJ
Sample : K2084-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7W0

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	17.89	4.1	ng/ul	397770	4	16.99	1936010	20.0
Trifluoroacetic a...	20.90	4.3	ng/ul	618257	5	21.20	2843020	20.0
(DEL) Alkane: Str...	22.21	2.3	ng/ul	331057	5	21.20	2843020	20.0
(DEL) Alkane: Str...	22.70	2.7	ng/ul	422931	6	23.40	3145060	20.0
(DEL) Alkane: Str...	23.88	3.6	ng/ul	568634	6	23.40	3145060	20.0
(DEL) Alkane: Str...	24.60	3.6	ng/ul	568682	6	23.40	3145060	20.0
(DEL) Alkane: Str...	25.44	2.6	ng/ul	401864	6	23.40	3145060	20.0