

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005758.D
 Acq On : 18 May 2019 18:11
 Operator : JU/SJ
 Sample : K2690-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5156

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	3.187	31	34	39	rBV2	33668	47320	0.85%	0.095%
2	6.763	636	642	656	rBV	520274	994415	17.78%	1.997%
3	6.922	663	669	680	rVB	412207	695751	12.44%	1.397%
4	7.110	695	701	713	rVB	578925	994133	17.77%	1.996%
5	7.575	774	780	789	rBV	373709	643617	11.51%	1.293%
6	8.281	893	900	914	rBV	729869	1312448	23.46%	2.636%
7	8.722	968	975	985	rBV	596686	1072871	19.18%	2.155%
8	9.434	1090	1096	1108	rBV	526339	958816	17.14%	1.926%
9	9.975	1181	1188	1207	rBV	711193	1426116	25.50%	2.864%
10	10.334	1242	1249	1260	rVB	620225	1017108	18.18%	2.043%
11	10.481	1267	1274	1297	rBV	571037	1313599	23.48%	2.638%
12	11.975	1521	1528	1535	rBV4	8929	18499	0.33%	0.037%
13	13.628	1802	1809	1814	rBV	1653254	2403517	42.97%	4.827%
14	13.675	1814	1817	1828	rVB	315707	483624	8.65%	0.971%
15	13.904	1849	1856	1870	rBV	1834567	2848800	50.93%	5.721%
16	14.210	1901	1908	1919	rBV2	995461	1535657	27.45%	3.084%
17	14.457	1944	1950	1972	rBV	463981	1112936	19.90%	2.235%
18	15.087	2054	2057	2060	rVB2	5380	6834	0.12%	0.014%
19	15.216	2072	2079	2091	rBV	2482206	3688241	65.94%	7.407%
20	15.375	2100	2106	2117	rBV	660275	1175422	21.01%	2.361%
21	15.457	2117	2120	2124	rVB	33335	44008	0.79%	0.088%
22	15.739	2165	2168	2174	rBV	6883	10049	0.18%	0.020%
23	15.975	2200	2208	2210	rBV4	14571	22168	0.40%	0.045%
24	16.004	2210	2213	2219	rVB4	9940	13530	0.24%	0.027%
25	16.063	2219	2223	2227	rBV	27325	37650	0.67%	0.076%
26	16.122	2227	2233	2239	rVV2	43441	78538	1.40%	0.158%
27	16.181	2239	2243	2247	rVV2	33629	48496	0.87%	0.097%
28	16.222	2247	2250	2256	rVB2	17662	23332	0.42%	0.047%
29	16.286	2256	2261	2262	rBV3	9901	12646	0.23%	0.025%
30	16.328	2266	2268	2272	rVB	7156	7021	0.13%	0.014%
31	16.381	2272	2277	2285	rVB4	22447	46146	0.82%	0.093%
32	16.451	2285	2289	2294	rBV	18968	32720	0.58%	0.066%
33	16.528	2299	2302	2308	rVB2	15535	22297	0.40%	0.045%
34	16.657	2320	2324	2328	rBV4	3637	6320	0.11%	0.013%

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35	16.757	2336	2341	2345	rBV4	6058	12736	0.23%	0.026%
36	16.969	2371	2377	2387	rBV2	1428351	2016637	36.05%	4.050%
37	17.075	2388	2395	2409	rVV	2550411	3914918	69.99%	7.862%
38	17.345	2435	2441	2444	rBV5	9317	15503	0.28%	0.031%
39	17.892	2528	2534	2550	rBV2	345190	706842	12.64%	1.419%
40	18.269	2593	2598	2602	rBV8	4805	9163	0.16%	0.018%
41	18.769	2680	2683	2687	rBV6	4198	5752	0.10%	0.012%
42	19.022	2722	2726	2731	rBV	30058	46225	0.83%	0.093%
43	19.186	2750	2754	2764	rBV3	75318	159269	2.85%	0.320%
44	19.275	2765	2769	2774	rVB	35728	52701	0.94%	0.106%
45	19.386	2782	2788	2803	rVB	3329102	4898698	87.58%	9.838%
46	19.951	2878	2884	2887	rBV8	10689	20916	0.37%	0.042%
47	20.339	2945	2950	2956	rBV	125380	157805	2.82%	0.317%
48	20.392	2957	2959	2963	rVB5	12066	11986	0.21%	0.024%
49	20.457	2967	2970	2974	rVB3	22835	28568	0.51%	0.057%
50	20.927	3045	3050	3061	rBV2	315766	589735	10.54%	1.184%
51	21.210	3092	3098	3109	rBV	1742160	2602263	46.52%	5.226%
52	21.369	3122	3125	3129	rBV	61465	68004	1.22%	0.137%
53	21.804	3195	3199	3202	rBV	106657	120810	2.16%	0.243%
54	22.257	3271	3276	3280	rBV	225158	283288	5.06%	0.569%
55	22.374	3293	3296	3301	rVB	88693	111472	1.99%	0.224%
56	22.751	3355	3360	3365	rBV	230588	329163	5.88%	0.661%
57	23.280	3442	3450	3460	rBV	2806589	5593636	100.00%	11.233%
58	23.416	3466	3473	3484	rVB2	1283625	2586895	46.25%	5.195%
59	23.921	3554	3559	3565	rVB	268167	464993	8.31%	0.934%
60	24.645	3676	3682	3689	rVB	223885	447238	8.00%	0.898%
61	25.480	3818	3824	3833	rVB2	158393	385575	6.89%	0.774%

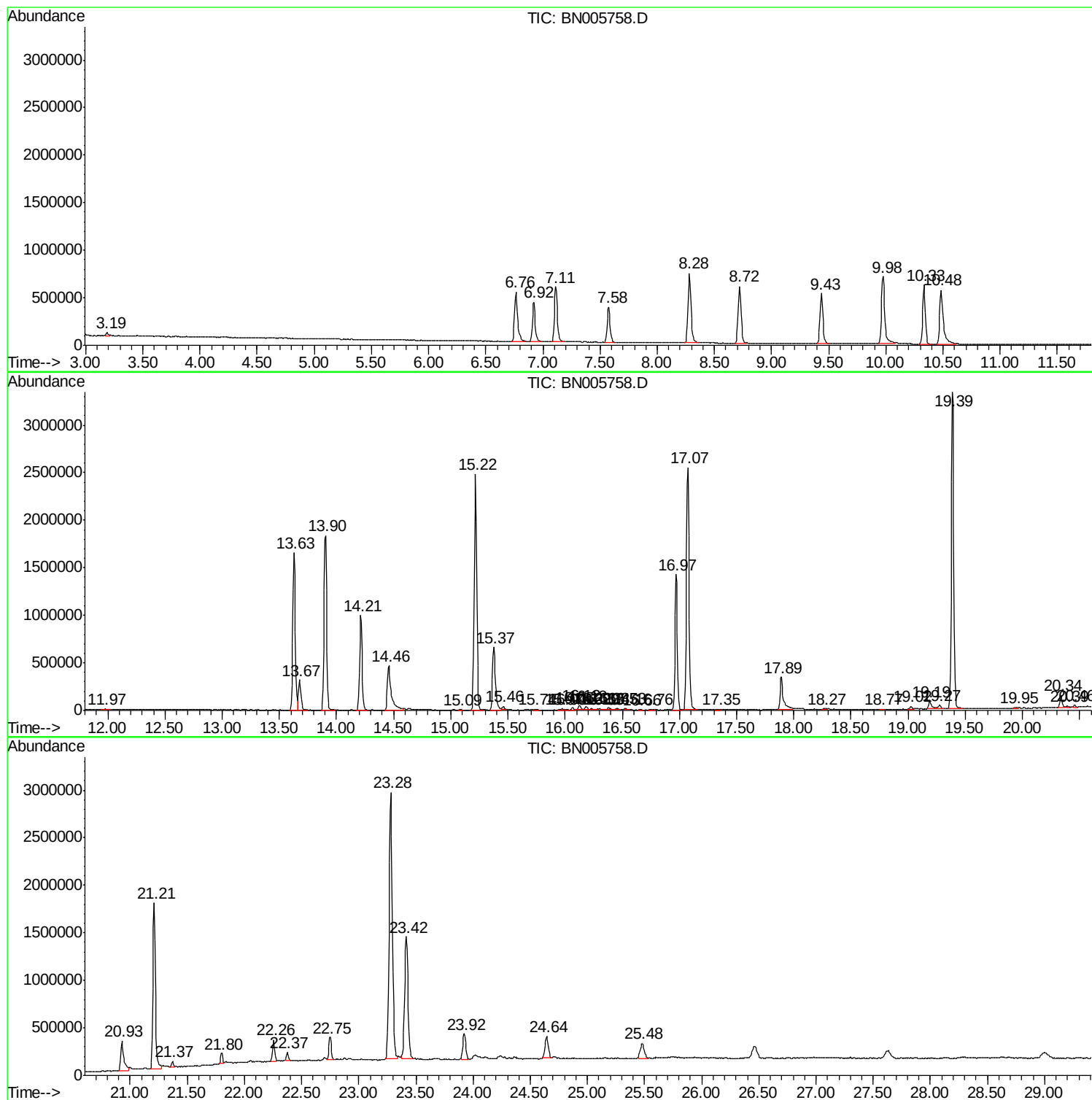
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Quant Title : SVOA CALIBRATION

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



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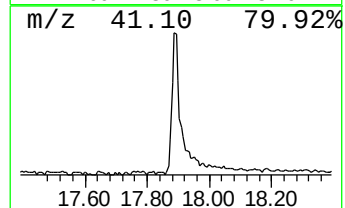
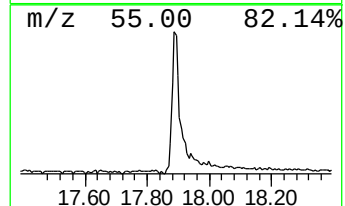
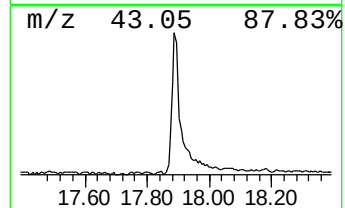
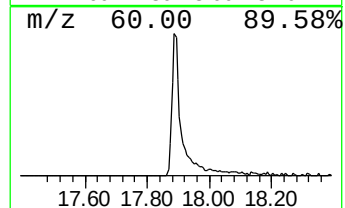
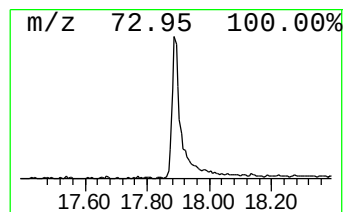
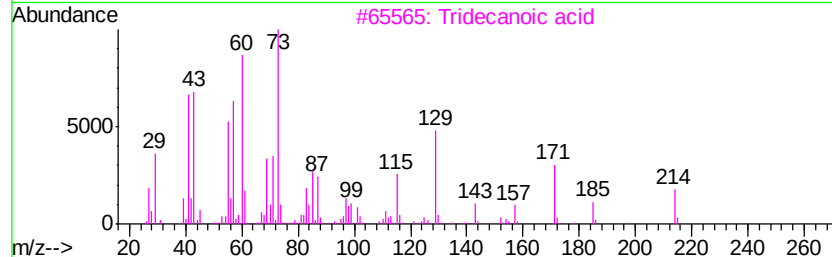
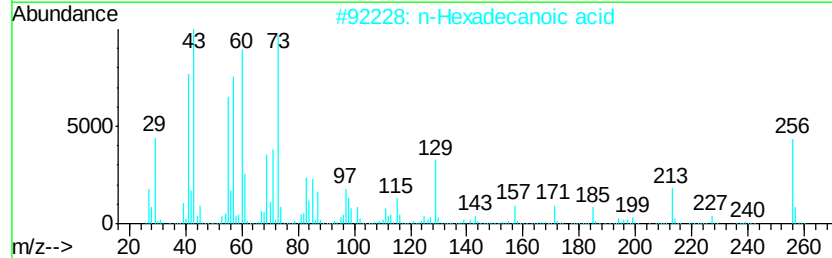
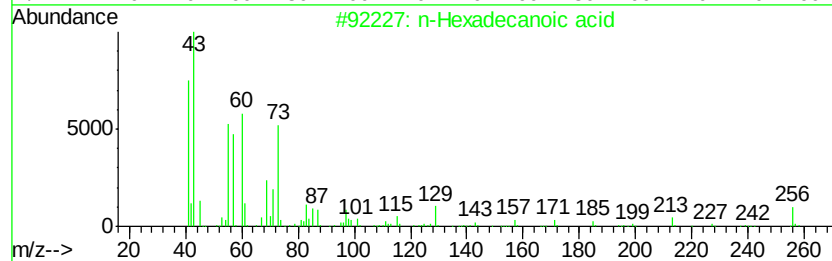
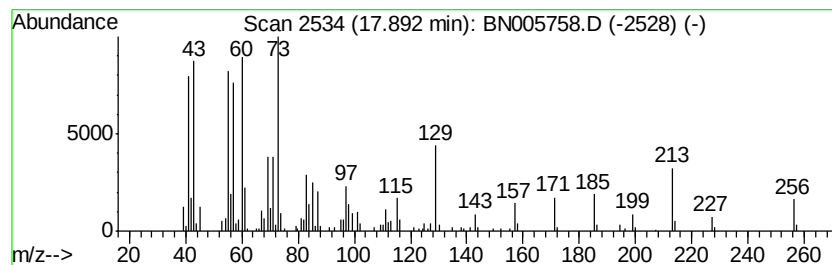
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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	7.01 ng/ul	706842	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	97	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
5	Undecanoic acid	186	C11H22O2	000112-37-8	83	



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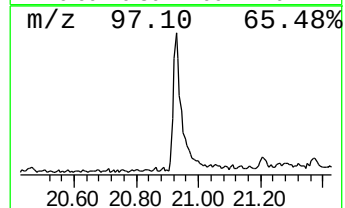
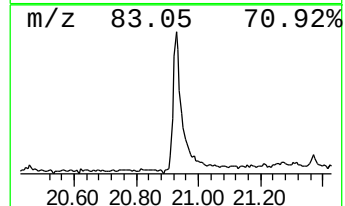
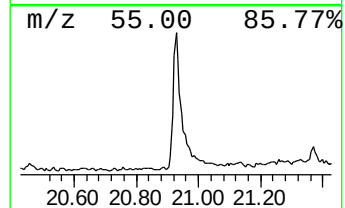
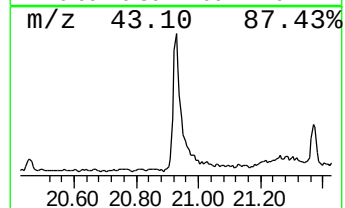
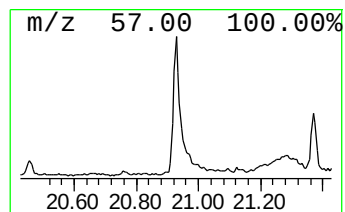
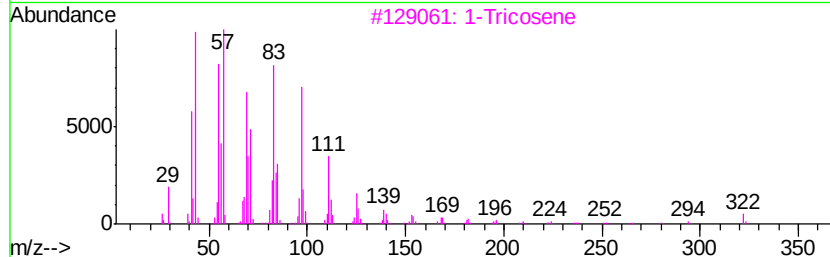
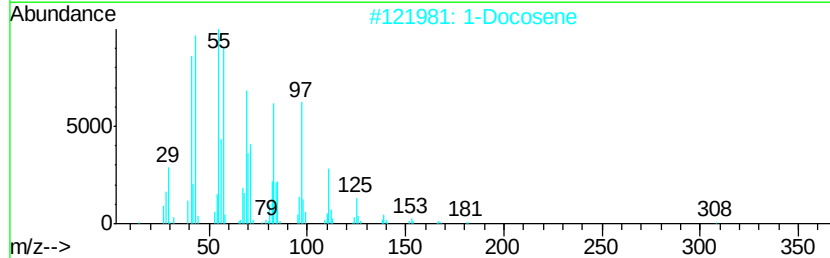
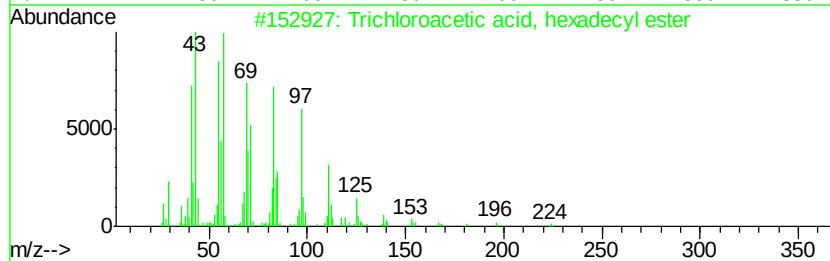
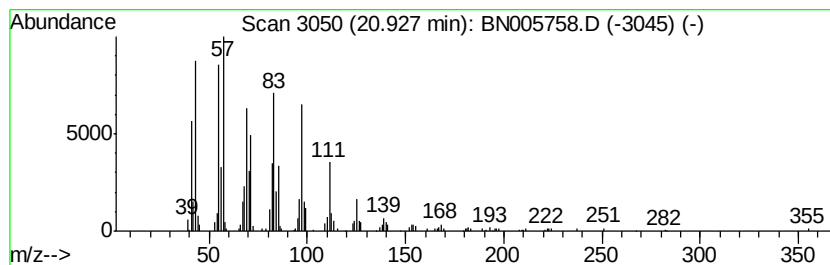
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.53 ng/ul	589735	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		1-Docosene	308	C22H44	001599-67-3	91
3		1-Tricosene	322	C23H46	018835-32-0	91
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



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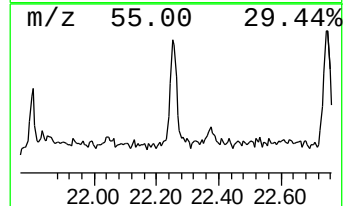
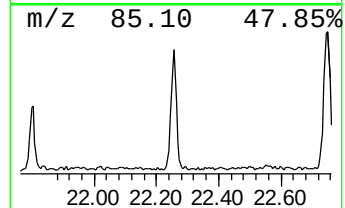
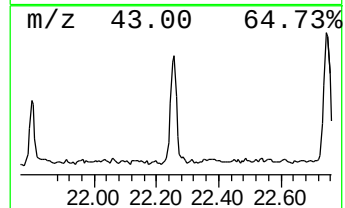
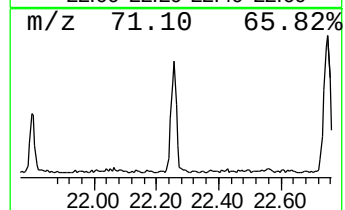
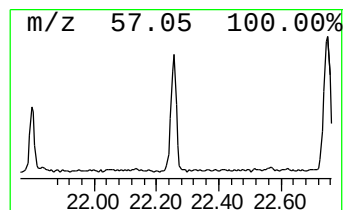
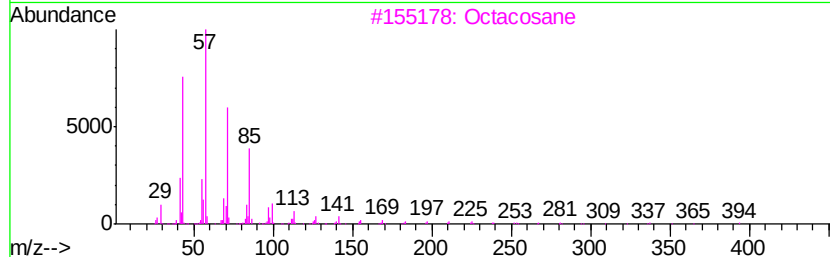
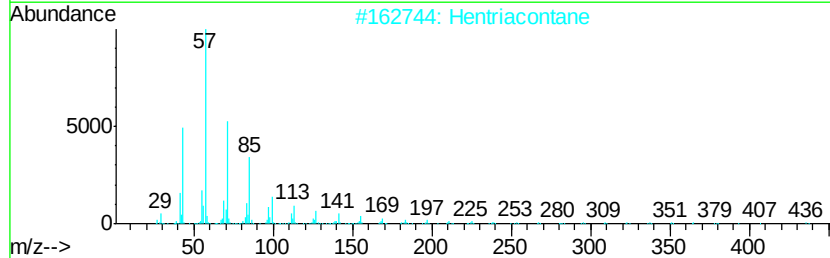
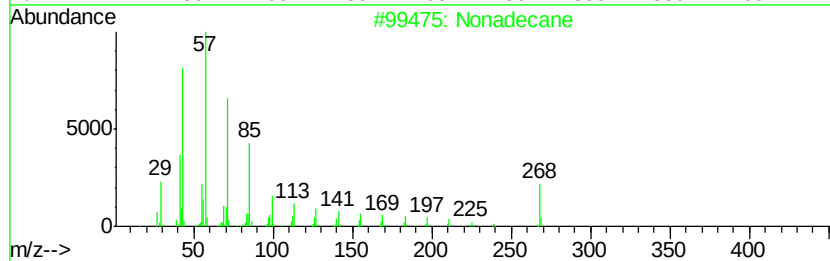
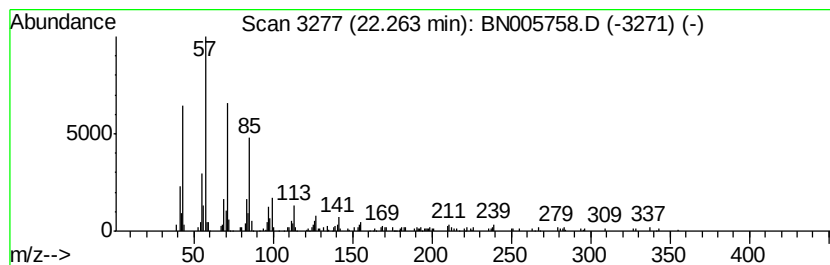
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.18 ng/ul	283288	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Nonacosane	408	C29H60	000630-03-5	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



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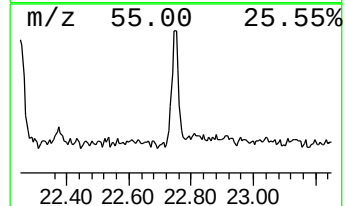
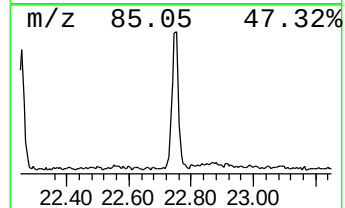
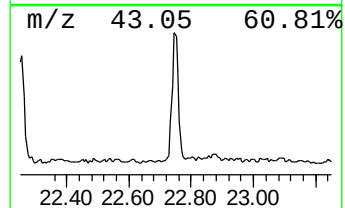
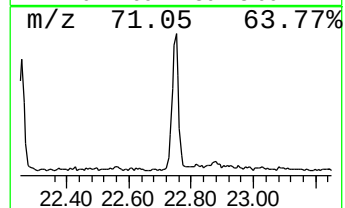
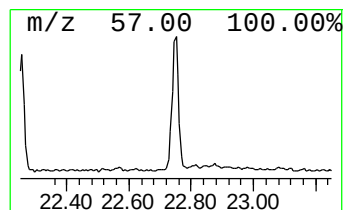
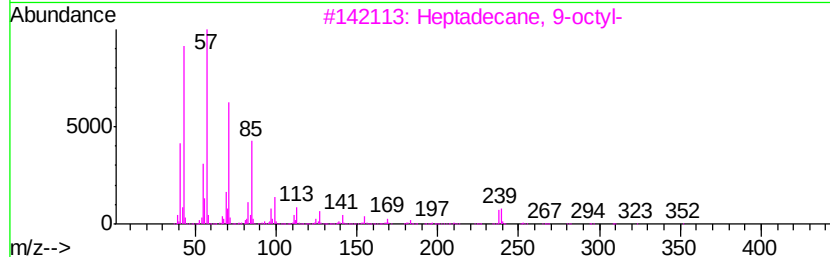
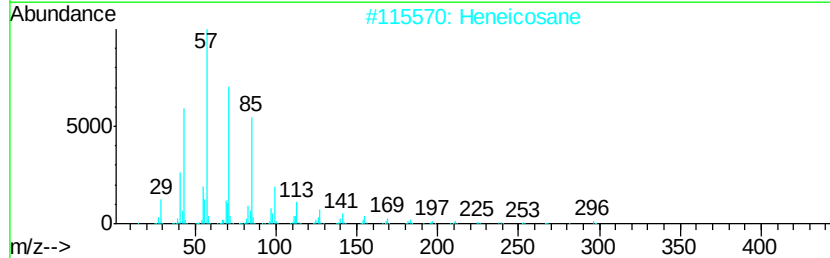
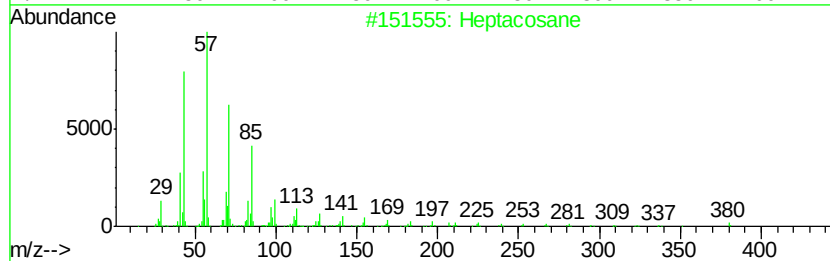
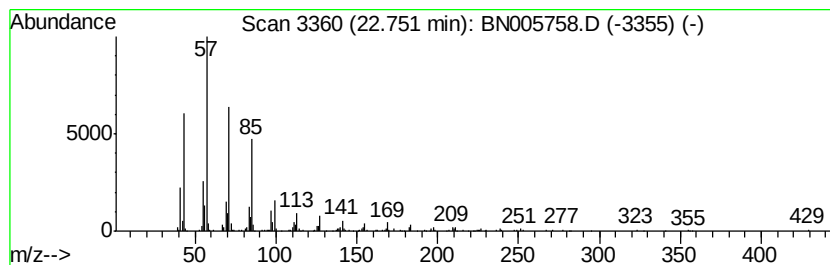
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	2.54 ng/ul	329163	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Docosane	310	C22H46	000629-97-0	90



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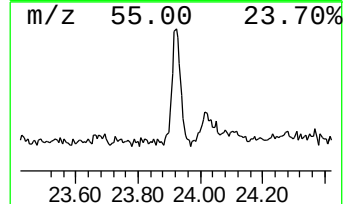
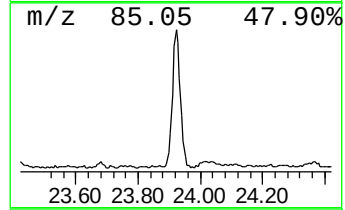
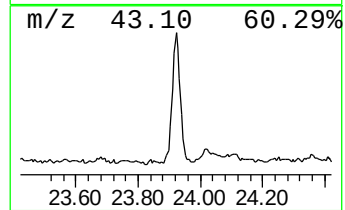
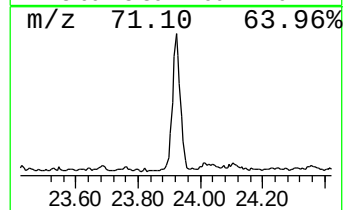
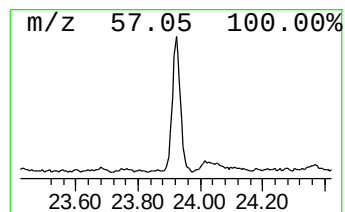
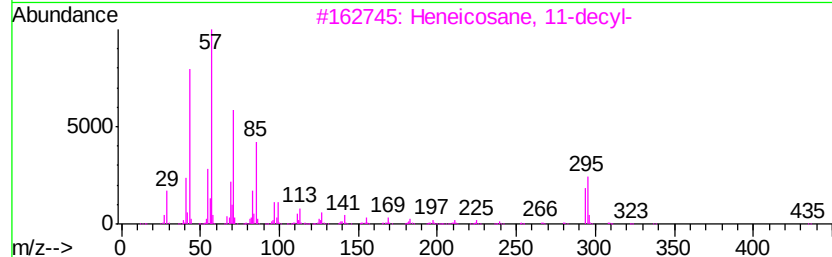
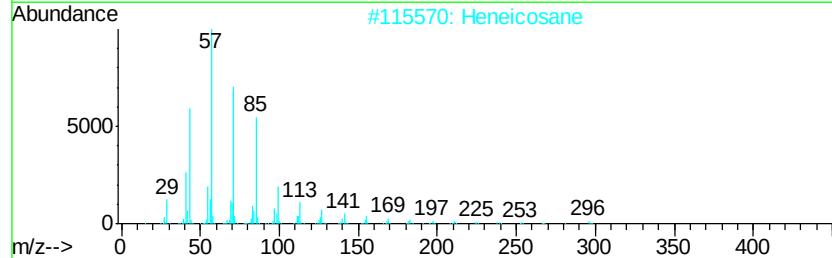
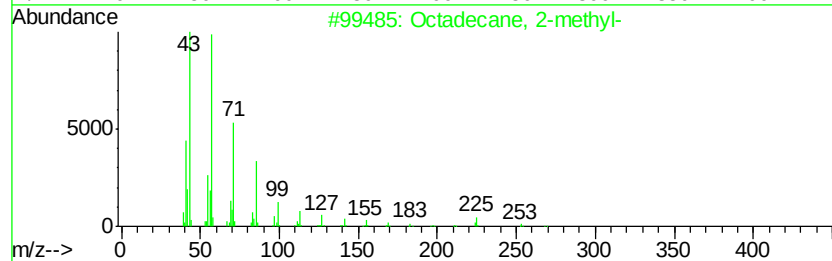
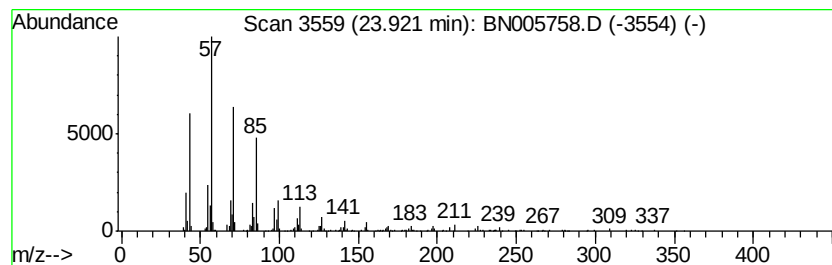
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Quant Title : SVOA CALIBRATION

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.
23.92	3.59 ng/ul	464993	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005758.D
Acq On : 18 May 2019 18:11
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5156

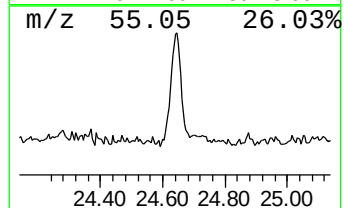
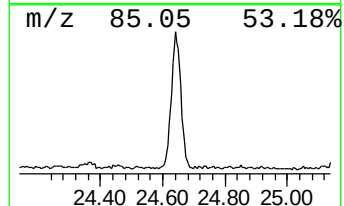
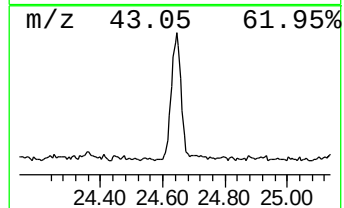
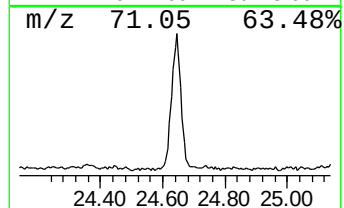
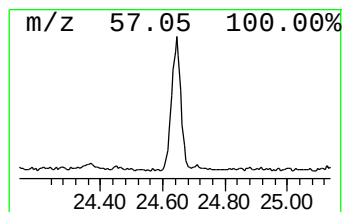
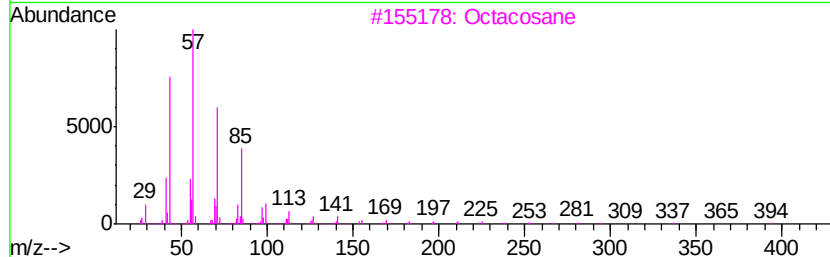
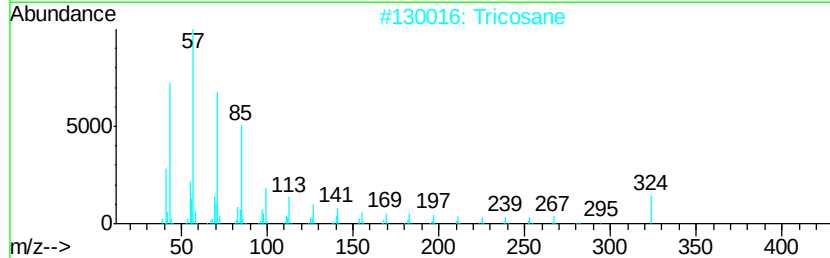
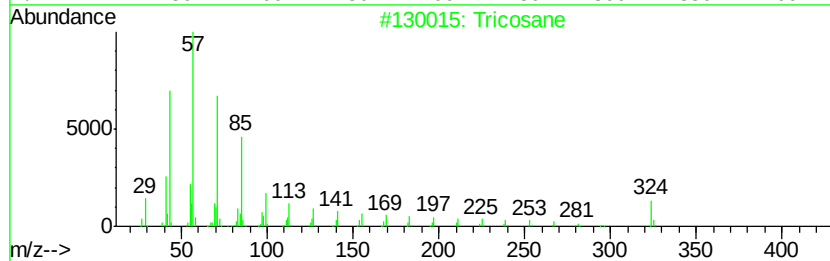
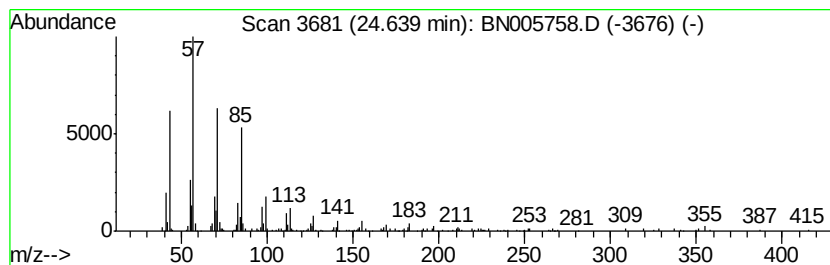
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Quant Title : SVOA CALIBRATION

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.
24.64	3.46 ng/ul	447238	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	94
2		Tricosane	324	C23H48	000638-67-5	93
3		Octacosane	394	C28H58	000630-02-4	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005758.D
Acq On : 18 May 2019 18:11
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5156

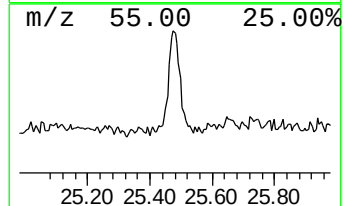
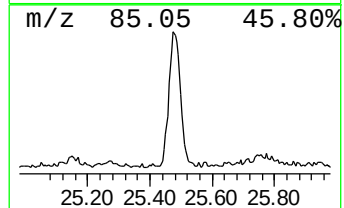
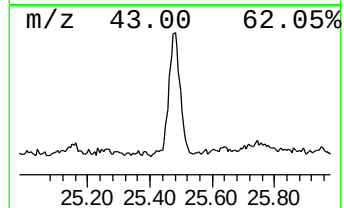
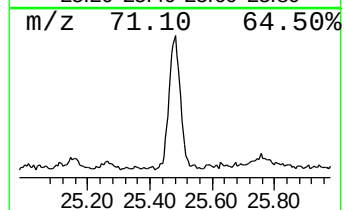
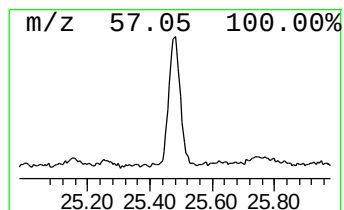
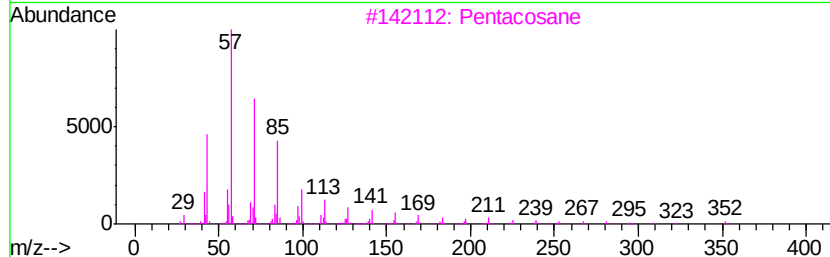
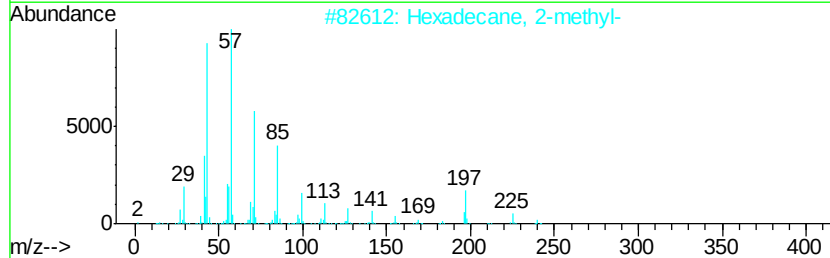
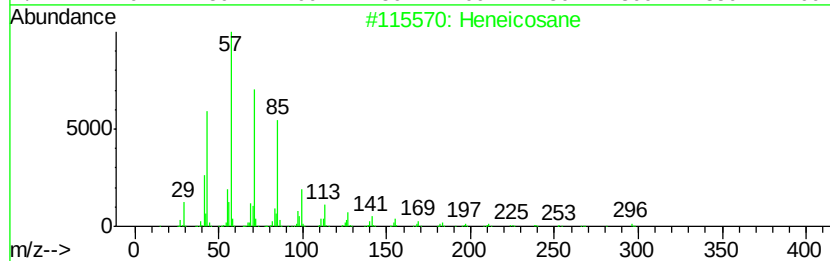
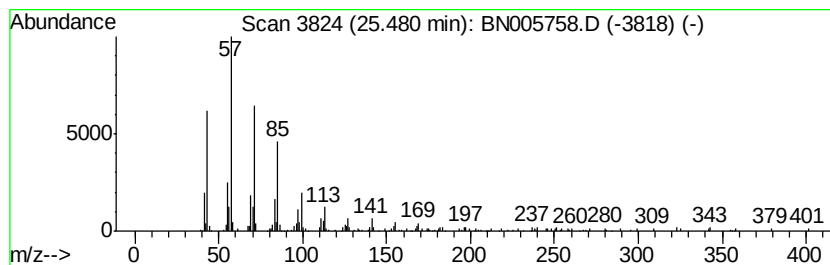
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.48	2.98 ng/ul	385575	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
3		Pentacosane	352	C25H52	000629-99-2	90
4		triacontane	422	C30H62	000638-68-6	87
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
Data File : BN005758.D
Acq On : 18 May 2019 18:11
Operator : JU/SJ
Sample : K2690-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5156

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	7.0	ng/ul	706842	4	16.97	2016640	20.0
Trichloroacetic a...	20.93	4.5	ng/ul	589735	5	21.21	2602260	20.0
(DEL) Alkane: Str...	22.26	2.2	ng/ul	283288	5	21.21	2602260	20.0
(DEL) Alkane: Str...	22.75	2.5	ng/ul	329163	6	23.42	2586900	20.0
(DEL) Alkane: Str...	23.92	3.6	ng/ul	464993	6	23.42	2586900	20.0
(DEL) Alkane: Str...	24.64	3.5	ng/ul	447238	6	23.42	2586900	20.0
(DEL) Alkane: Str...	25.48	3.0	ng/ul	385575	6	23.42	2586900	20.0