

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022950.D
 Acq On : 04 Oct 2019 10:19
 Operator : JU
 Sample : K5058-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAL3

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-BM092719MA.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	3.263	44	47	56	rVB	54053	75475	1.55%	0.140%
2	3.910	155	157	164	rVB5	5342	8679	0.18%	0.016%
3	3.999	169	172	177	rVB2	12654	15601	0.32%	0.029%
4	6.963	670	676	688	rVB	247520	413411	8.48%	0.767%
5	7.128	697	704	721	rBV	725976	1209006	24.79%	2.244%
6	7.328	731	738	752	rVB	895942	1399660	28.70%	2.598%
7	7.793	810	817	827	rBV	901696	1395164	28.61%	2.590%
8	8.498	930	937	947	rBV	680868	1077224	22.09%	2.000%
9	8.945	1006	1013	1024	rBV	955335	1562987	32.05%	2.901%
10	9.392	1084	1089	1095	rVB2	8785	13708	0.28%	0.025%
11	9.669	1129	1136	1149	rBV	790731	1290344	26.46%	2.395%
12	10.092	1199	1208	1216	rBV2	10734	21160	0.43%	0.039%
13	10.204	1220	1227	1242	rVV	1195720	1987929	40.76%	3.690%
14	10.581	1284	1291	1299	rBV	1206504	2028179	41.59%	3.765%
15	10.722	1308	1315	1325	rBV	110004	196779	4.03%	0.365%
16	12.175	1556	1562	1567	rVV2	17364	27407	0.56%	0.051%
17	13.839	1838	1845	1849	rBV	2192230	2991443	61.34%	5.553%
18	13.886	1849	1853	1859	rVB	386222	525639	10.78%	0.976%
19	14.122	1886	1893	1907	rVB	2648636	3812106	78.17%	7.076%
20	14.339	1927	1930	1934	rVB2	4333	5122	0.11%	0.010%
21	14.427	1939	1945	1955	rVB	1783035	2631120	53.95%	4.884%
22	14.627	1974	1979	1991	rBV	148430	249765	5.12%	0.464%
23	14.845	2012	2016	2023	rVB2	13478	18347	0.38%	0.034%
24	15.239	2079	2083	2087	rBV3	4352	7728	0.16%	0.014%
25	15.286	2087	2091	2095	rVB4	4838	6705	0.14%	0.012%
26	15.421	2107	2114	2123	rBV	3279675	4533167	92.95%	8.415%
27	15.539	2127	2134	2145	rBV	790779	1097100	22.50%	2.036%
28	15.663	2151	2155	2159	rBV	32180	42137	0.86%	0.078%
29	16.145	2234	2237	2243	rVV3	4185	5613	0.12%	0.010%
30	16.204	2243	2247	2253	rVB4	12454	17270	0.35%	0.032%
31	16.321	2261	2267	2270	rVB5	3360	5338	0.11%	0.010%
32	16.851	2353	2357	2360	rVB3	3744	4980	0.10%	0.009%
33	16.951	2365	2374	2381	rBV3	6053	17148	0.35%	0.032%
34	17.168	2404	2411	2418	rBV2	1997630	2761347	56.62%	5.126%

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Max Peaks: 100
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35	17.268	2421	2428	2440	rVV	3270564	4605141	94.43%	8.548%
36	17.668	2494	2496	2500	rVB4	4058	5170	0.11%	0.010%
37	18.062	2559	2563	2572	rBV	227043	325705	6.68%	0.605%
38	18.362	2612	2614	2617	rBV	5068	5369	0.11%	0.010%
39	19.004	2719	2723	2727	rVB2	12794	16170	0.33%	0.030%
40	19.198	2751	2756	2759	rBV	42714	57757	1.18%	0.107%
41	19.345	2777	2781	2793	rBV	110855	168551	3.46%	0.313%
42	19.445	2795	2798	2803	rVB	28669	41453	0.85%	0.077%
43	19.562	2812	2818	2824	rBV	3615617	4876975	100.00%	9.053%
44	19.615	2824	2827	2830	rVB3	16288	19525	0.40%	0.036%
45	20.115	2908	2912	2916	rVB	49263	53853	1.10%	0.100%
46	20.609	2993	2996	3000	rVB	86200	91404	1.87%	0.170%
47	21.068	3070	3074	3082	rBV	489592	630937	12.94%	1.171%
48	21.350	3117	3122	3127	rBV	1961044	2480308	50.86%	4.604%
49	21.509	3145	3149	3154	rBV	233329	275962	5.66%	0.512%
50	21.945	3220	3223	3229	rBV	287458	368390	7.55%	0.684%
51	22.415	3299	3303	3308	rBV	361934	458450	9.40%	0.851%
52	22.927	3386	3390	3397	rVB	352115	485642	9.96%	0.901%
53	23.468	3475	3482	3488	rBV	2285484	4515123	92.58%	8.381%
54	23.609	3500	3506	3517	rVB	1311006	2523403	51.74%	4.684%
55	24.162	3597	3600	3608	rVB	230321	412652	8.46%	0.766%

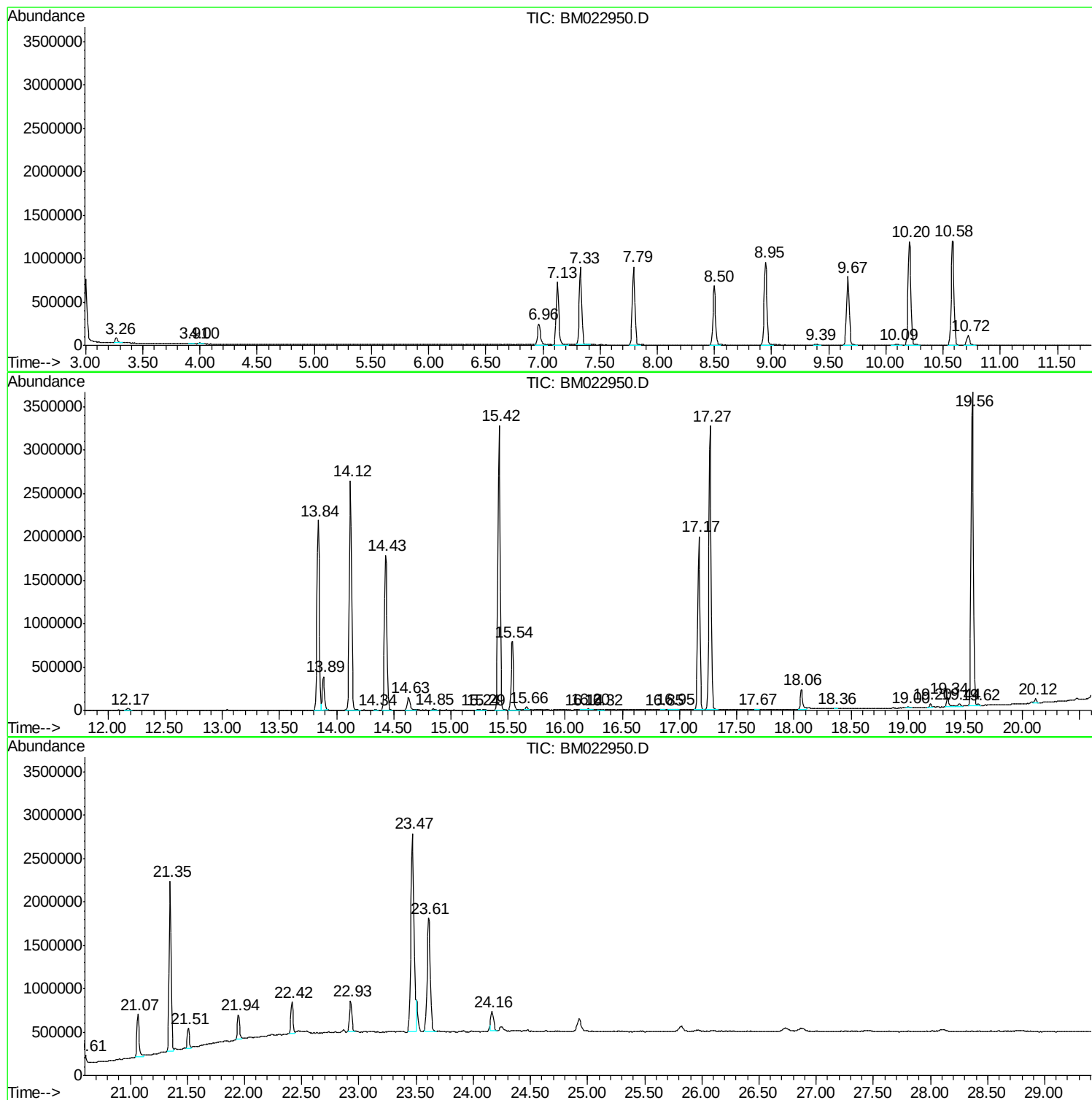
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BNA_M
ClientSampled :
DBAL3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022950.D
Acq On : 04 Oct 2019 10:19
Operator : JU
Sample : K5058-01
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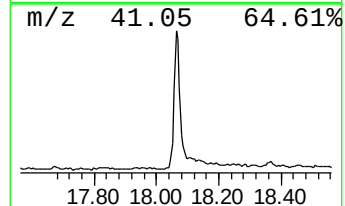
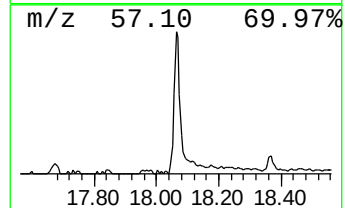
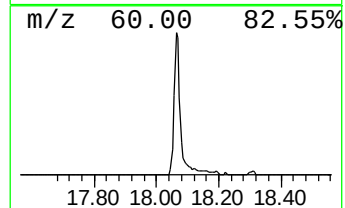
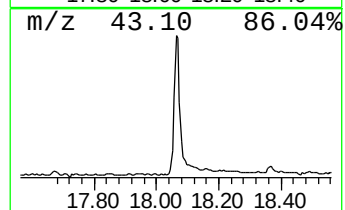
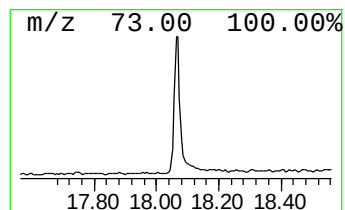
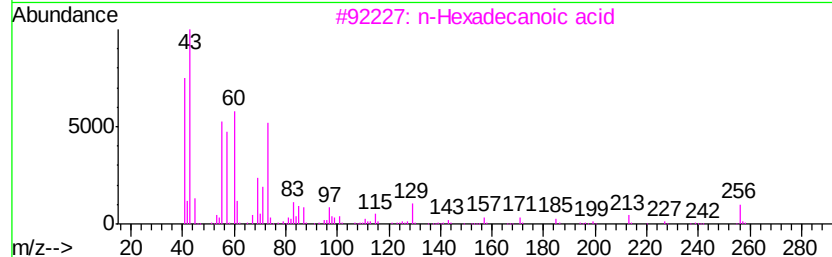
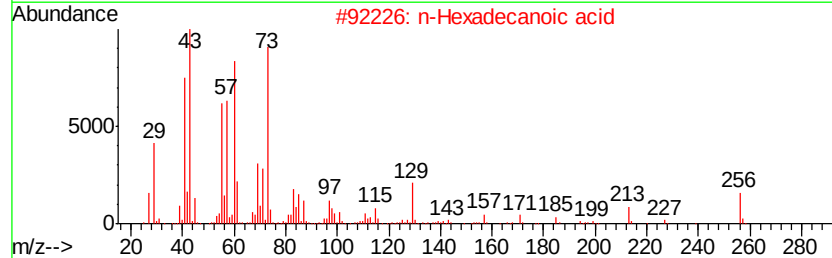
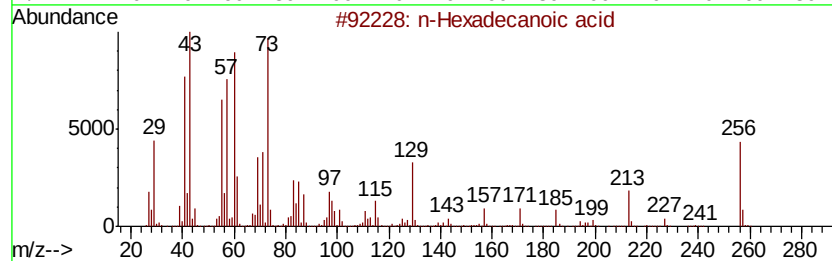
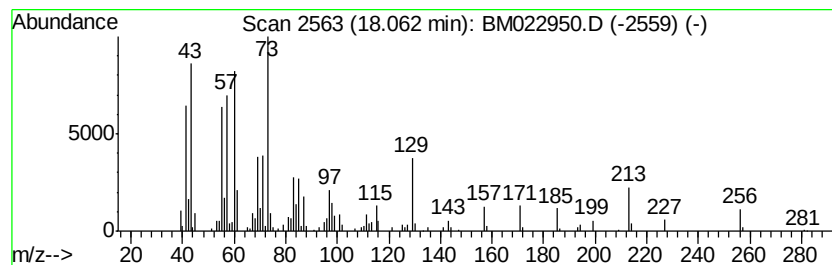
Instrument :
BNA_M
ClientSampleId :
DBAL3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.06	2.36 ng/ul	325705	Phenanthrene-d10		17.17	
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	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80	



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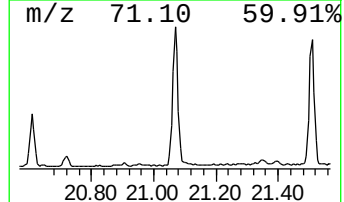
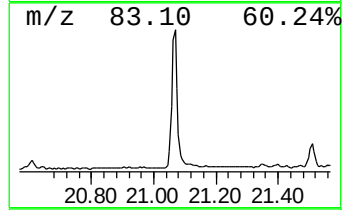
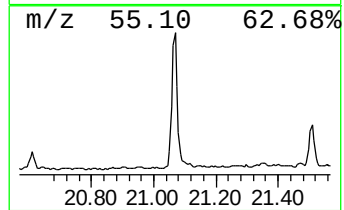
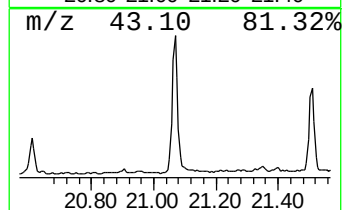
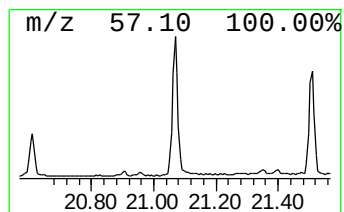
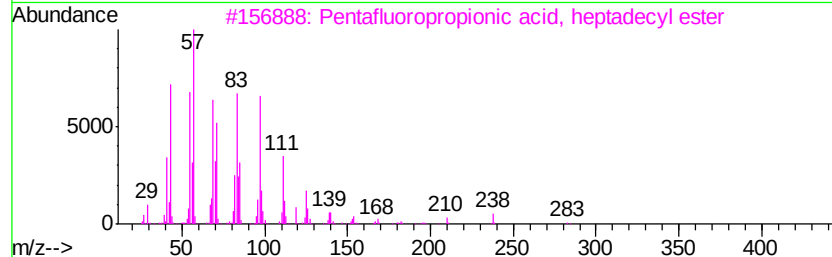
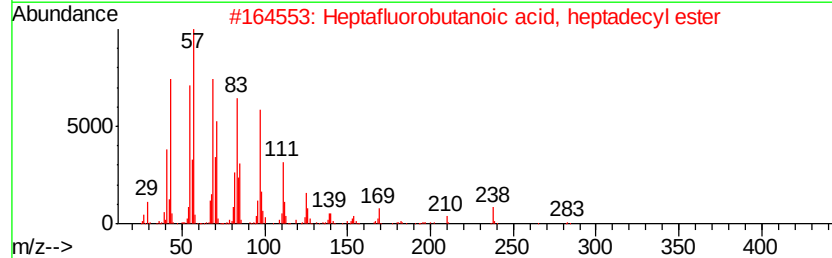
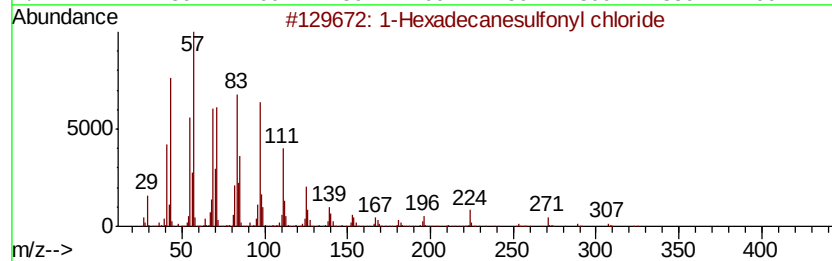
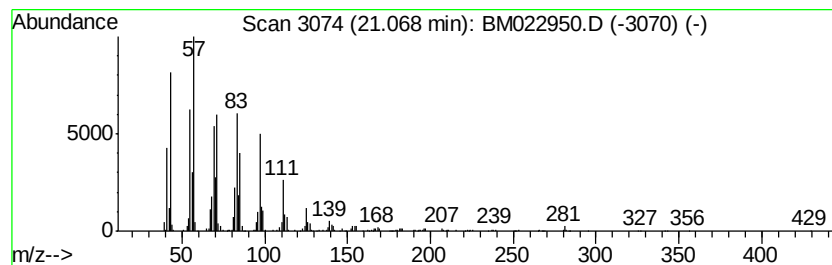
Instrument :
BNA_M
ClientSampleId :
DBAL3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Hexadecanesulfonyl chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	5.09 ng/ul	630937	Chrysene-d12	21.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexadecanesulfonyl chloride	324 C16H33ClO2S	038775-38-1	91
2	Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3	87
3	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	1000283-04-2	87
4	1-Tricosene	322 C23H46	018835-32-0	76
5	17-Pentatriacontene	491 C35H70	006971-40-0	74



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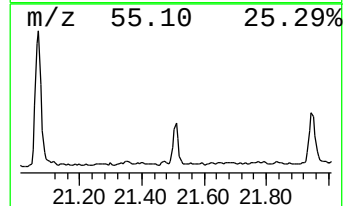
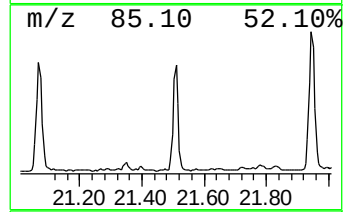
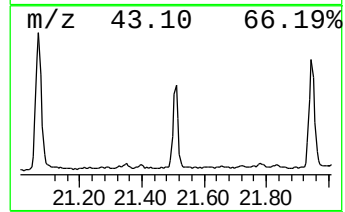
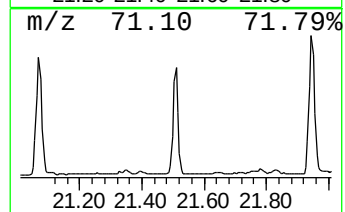
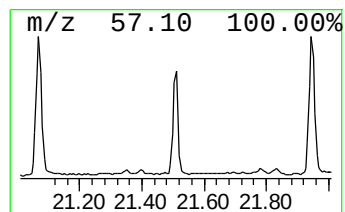
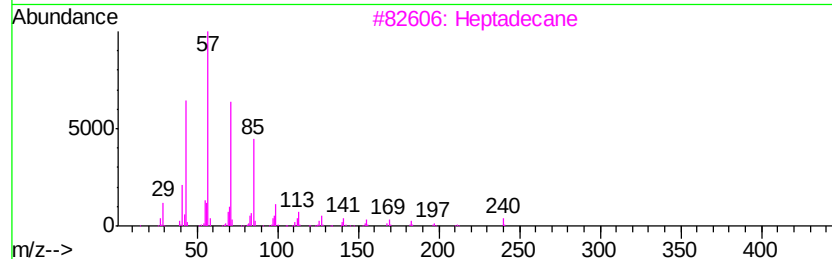
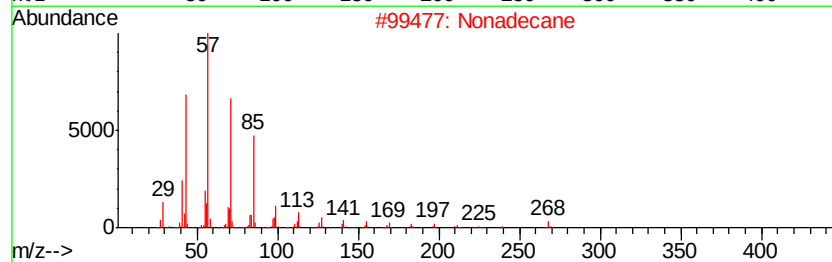
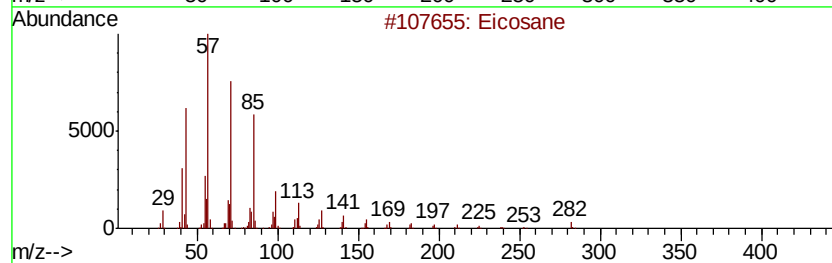
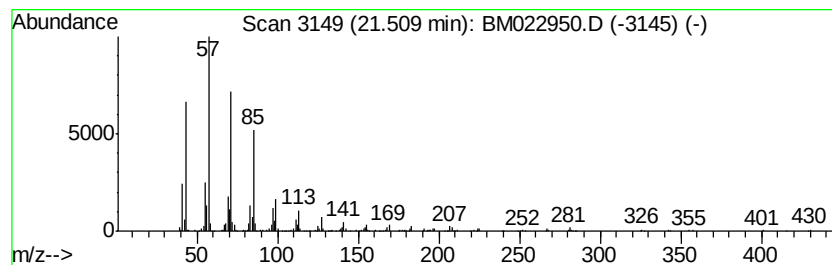
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Quant Title : SVOA CALIBRATION

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.
21.51	2.23 ng/ul	275962	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Nonadecane	268	C19H40	000629-92-5	93
3		Heptadecane	240	C17H36	000629-78-7	93
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heneicosane	296	C21H44	000629-94-7	90



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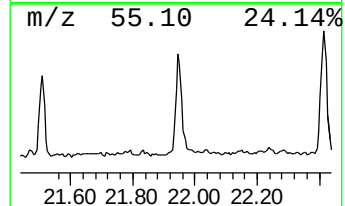
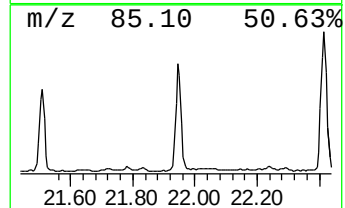
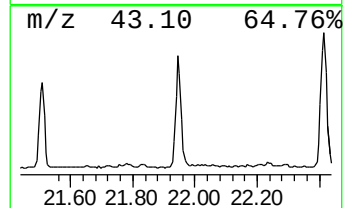
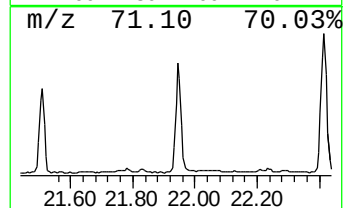
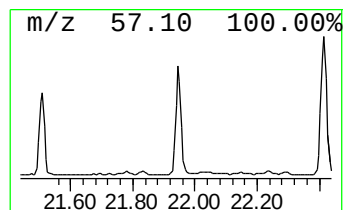
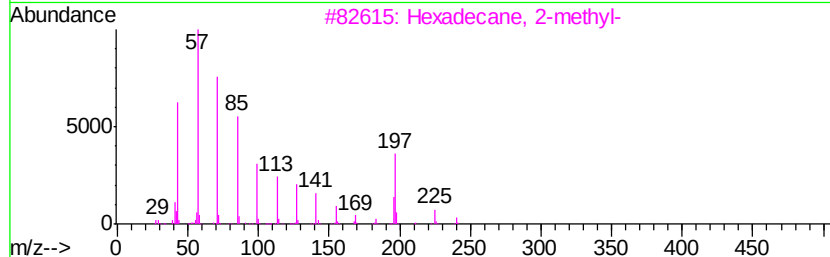
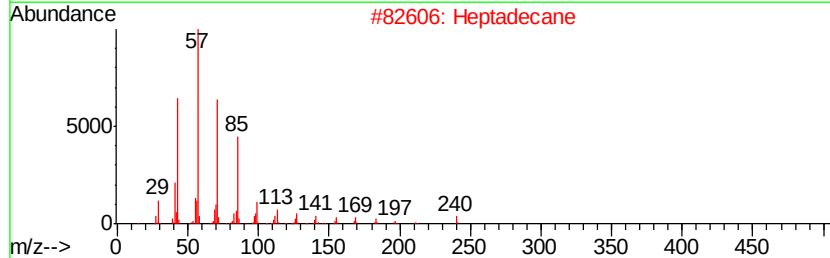
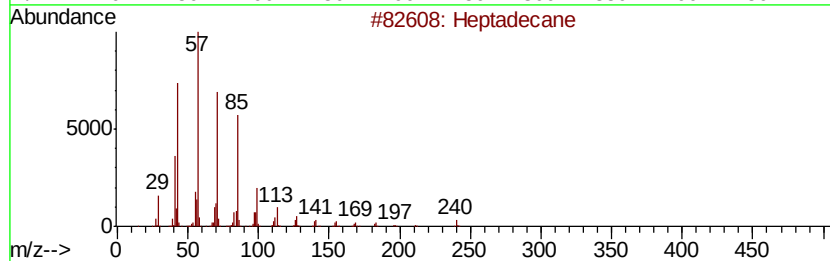
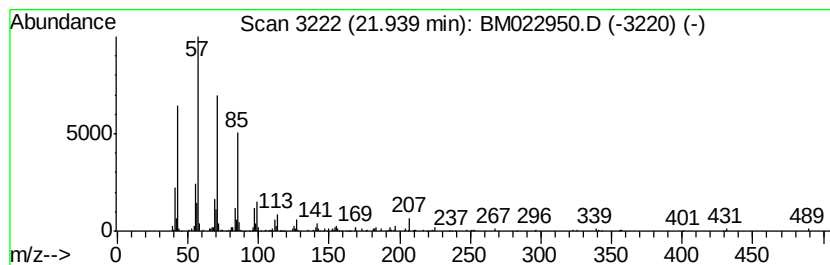
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	2.97 ng/ul	368390	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Heptadecane	240	C17H36	000629-78-7	91
3		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
4		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
5		Tetracosane	338	C24H50	000646-31-1	90



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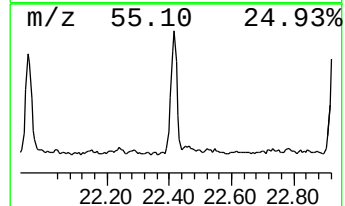
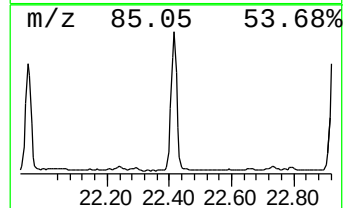
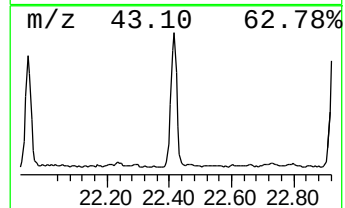
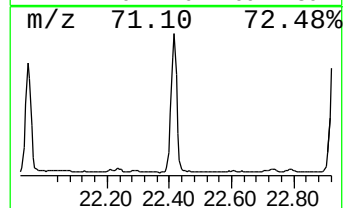
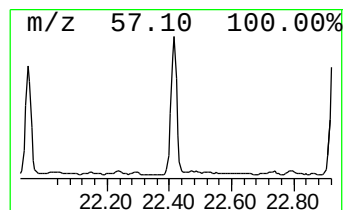
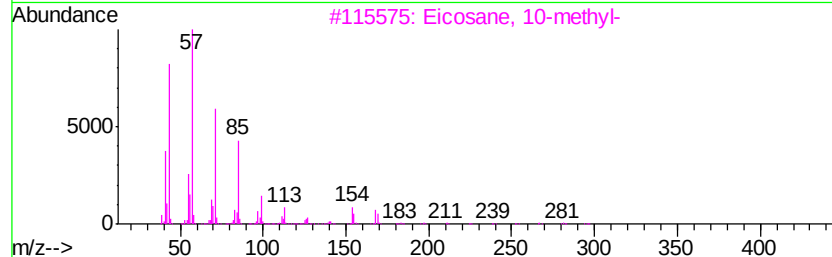
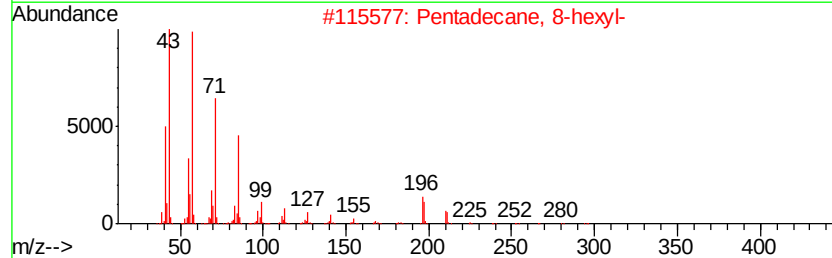
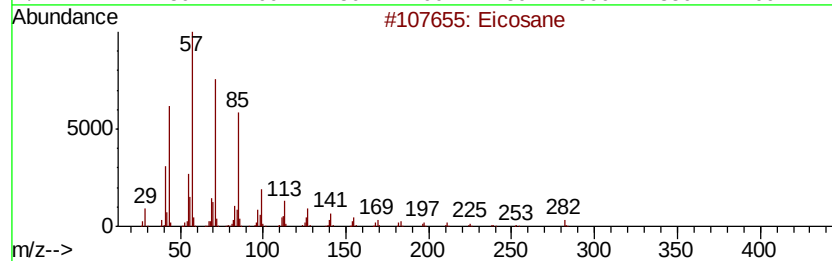
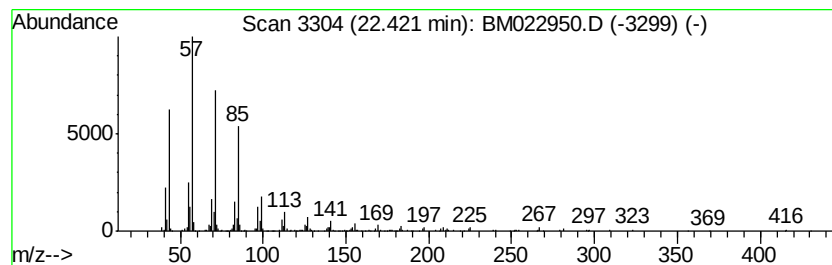
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Quant Title : SVOA CALIBRATION

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.
22.42	3.70 ng/ul	458450	Chrysene-d12	21.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	93
3	Eicosane, 10-methyl-		296	C21H44	054833-23-7	93
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	90
5	Octacosane		394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022950.D
Acq On : 04 Oct 2019 10:19
Operator : JU
Sample : K5058-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAL3

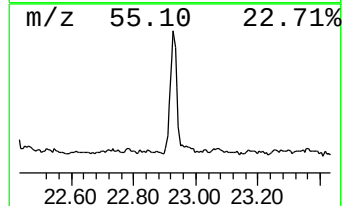
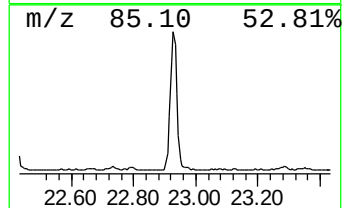
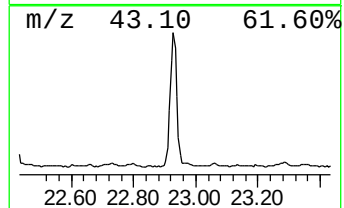
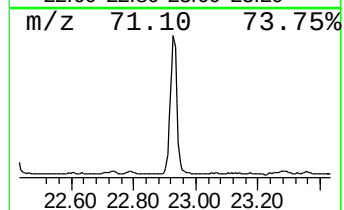
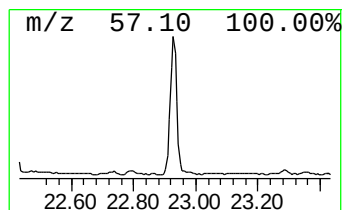
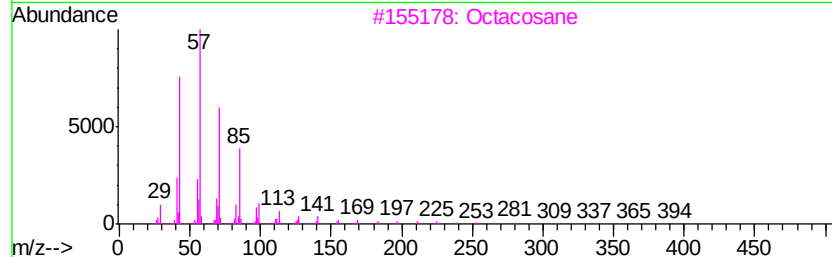
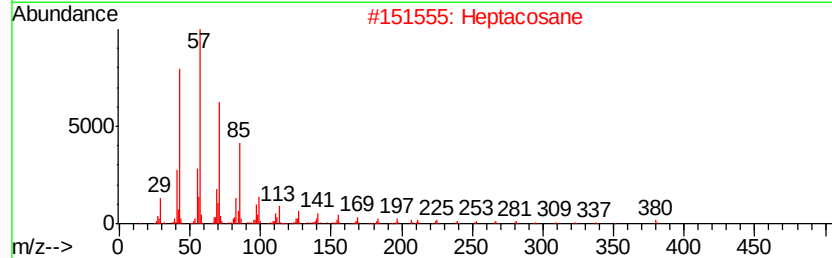
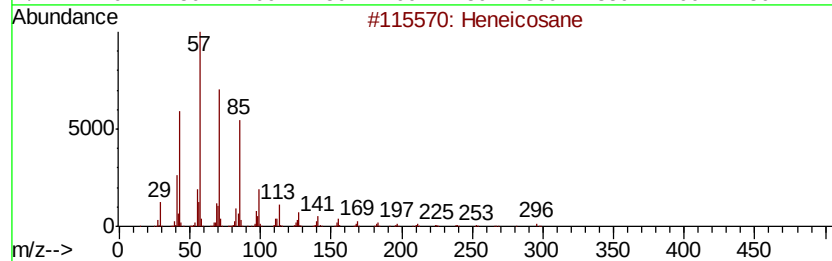
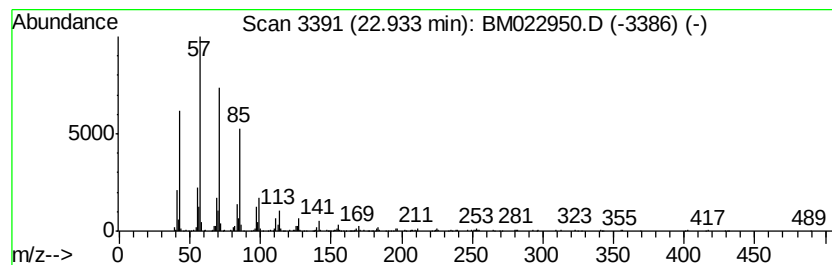
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Quant Title : SVOA CALIBRATION

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.
22.93	3.85 ng/ul	485642	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022950.D
Acq On : 04 Oct 2019 10:19
Operator : JU
Sample : K5058-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAL3

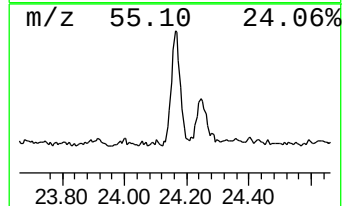
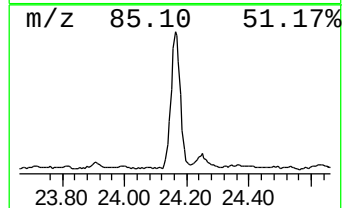
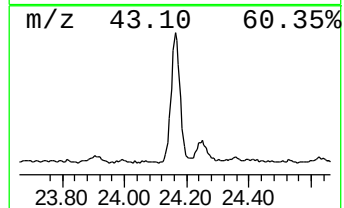
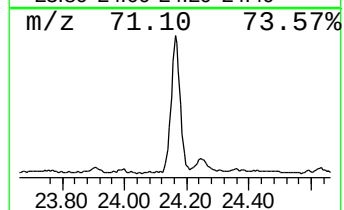
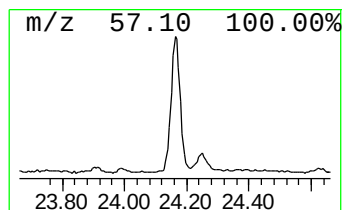
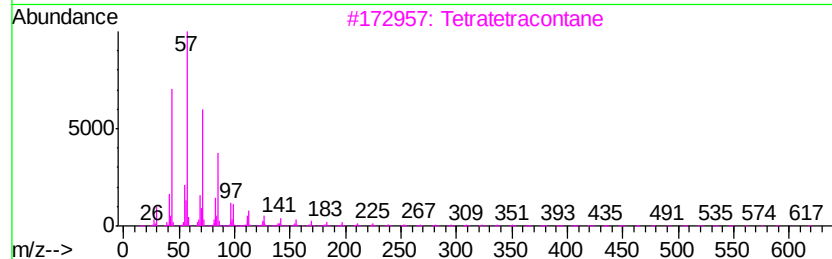
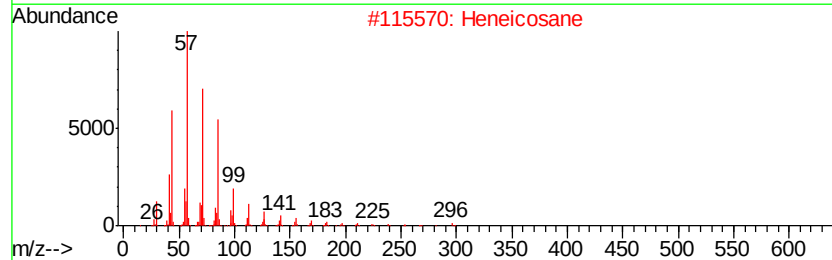
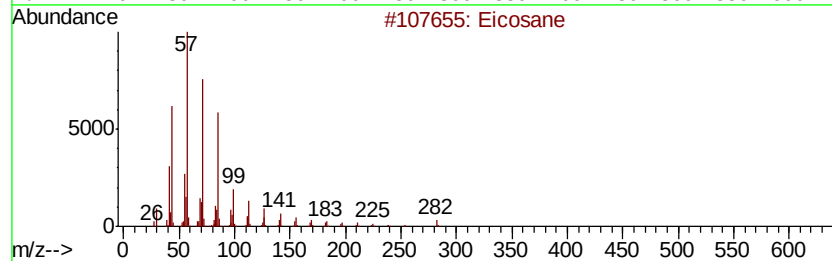
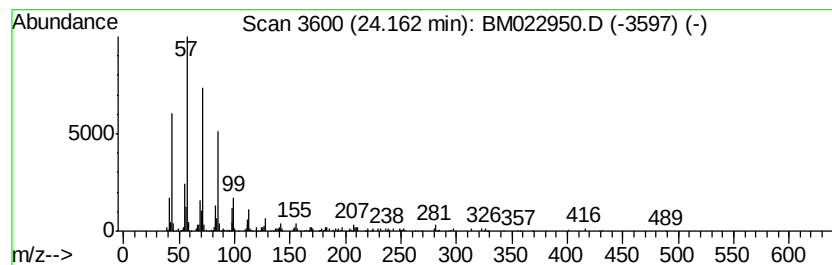
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	3.27 ng/ul	412652	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
Data File : BM022950.D
Acq On : 04 Oct 2019 10:19
Operator : JU
Sample : K5058-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAL3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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	18.06	2.4	ng/ul	325705	4	17.17	2761350	20.0
1-Hexadecanesulfo...	21.07	5.1	ng/ul	630937	5	21.35	2480310	20.0
(DEL) Alkane: Str...	21.51	2.2	ng/ul	275962	5	21.35	2480310	20.0
(DEL) Alkane: Str...	21.94	3.0	ng/ul	368390	5	21.35	2480310	20.0
(DEL) Alkane: Str...	22.42	3.7	ng/ul	458450	5	21.35	2480310	20.0
(DEL) Alkane: Str...	22.93	3.9	ng/ul	485642	6	23.61	2523400	20.0
(DEL) Alkane: Str...	24.16	3.3	ng/ul	412652	6	23.61	2523400	20.0