

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
 Data File : BM017571.D
 Acq On : 08 Nov 2018 18:01
 Operator : MJ/SJ
 Sample : J5834-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNR3

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-BM102418MA.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	3.205	33	37	44	rBV	59499	82394	0.71%	0.089%
2	3.469	78	82	94	rBV	95479	182150	1.58%	0.197%
3	6.804	642	649	666	rBV2	1118211	2210517	19.16%	2.391%
4	6.969	671	677	687	rVB	912822	1390733	12.05%	1.504%
5	7.157	702	709	720	rBV	1188183	1890148	16.38%	2.045%
6	7.269	724	728	735	rVV4	7867	12983	0.11%	0.014%
7	7.622	775	788	796	rBV	790078	1273190	11.03%	1.377%
8	8.328	902	908	925	rBV	1409675	2328126	20.17%	2.518%
9	8.775	977	984	996	rBV	1164733	1872638	16.23%	2.026%
10	9.169	1046	1051	1055	rBV4	9993	14723	0.13%	0.016%
11	9.487	1098	1105	1117	rBV	929609	1568000	13.59%	1.696%
12	10.022	1189	1196	1220	rBV	1326272	2422964	21.00%	2.621%
13	10.392	1252	1259	1270	rVB	1156827	1898568	16.45%	2.054%
14	10.539	1277	1284	1304	rBV	1239128	2494425	21.62%	2.698%
15	11.198	1387	1396	1402	rBV7	10044	25247	0.22%	0.027%
16	12.010	1529	1534	1542	rBV	18385	37442	0.32%	0.041%
17	13.686	1812	1819	1823	rBV	2647695	3820195	33.10%	4.132%
18	13.733	1823	1827	1837	rVB	1043195	1480536	12.83%	1.601%
19	13.957	1858	1865	1878	rBV	3037952	4469879	38.73%	4.835%
20	14.263	1911	1917	1929	rBV2	1678196	2627593	22.77%	2.842%
21	14.486	1944	1955	1974	rBV	869137	1747513	15.14%	1.890%
22	14.704	1989	1992	1998	rVB5	11989	20168	0.17%	0.022%
23	15.104	2057	2060	2063	rBV2	9394	12158	0.11%	0.013%
24	15.263	2080	2087	2101	rBV	4046437	5831895	50.54%	6.308%
25	15.398	2103	2110	2124	rBV	1167767	1767303	15.31%	1.912%
26	15.504	2124	2128	2134	rVB2	49566	74256	0.64%	0.080%
27	15.833	2178	2184	2193	rBV6	12561	25298	0.22%	0.027%
28	15.998	2207	2212	2215	rBV3	14739	25755	0.22%	0.028%
29	16.292	2256	2262	2266	rBV2	35922	61404	0.53%	0.066%
30	16.404	2277	2281	2286	rBV5	25965	43101	0.37%	0.047%
31	16.445	2286	2288	2293	rVB6	13940	23388	0.20%	0.025%
32	16.804	2342	2349	2357	rBV5	10469	29167	0.25%	0.032%
33	17.015	2379	2385	2393	rBV2	2383090	3387809	29.36%	3.665%
34	17.115	2396	2402	2415	rVV	4480733	6622003	57.38%	7.163%

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35	17.415	2450	2453	2458	rBV6	10741	17021	0.15%	0.018%
36	17.704	2499	2502	2503	rBV3	14812	15858	0.14%	0.017%
37	17.798	2515	2518	2527	rBV9	11162	24407	0.21%	0.026%
38	17.927	2534	2540	2555	rBV	977415	1467530	12.72%	1.587%
39	18.215	2585	2589	2593	rBV3	27282	42440	0.37%	0.046%
40	18.598	2649	2654	2658	rBV8	9984	17547	0.15%	0.019%
41	18.798	2684	2688	2692	rBV5	19725	27884	0.24%	0.030%
42	18.862	2695	2699	2700	rBV3	41565	54056	0.47%	0.058%
43	18.880	2700	2702	2707	rVB5	45268	45017	0.39%	0.049%
44	18.986	2718	2720	2723	rBV4	11662	12843	0.11%	0.014%
45	19.062	2728	2733	2736	rBV2	93088	152531	1.32%	0.165%
46	19.115	2736	2742	2746	rVB	372208	436027	3.78%	0.472%
47	19.151	2746	2748	2753	rVB	56523	67054	0.58%	0.073%
48	19.215	2754	2759	2766	rBV	531707	767406	6.65%	0.830%
49	19.304	2771	2774	2778	rVB	60947	89476	0.78%	0.097%
50	19.421	2787	2794	2801	rBV	6020260	8285576	71.80%	8.963%
51	19.562	2814	2818	2824	rVB3	94453	139024	1.20%	0.150%
52	19.951	2881	2884	2886	rBV4	41609	45769	0.40%	0.050%
53	19.980	2886	2889	2892	rVB	60117	72249	0.63%	0.078%
54	20.309	2942	2945	2949	rVB	75174	80694	0.70%	0.087%
55	20.474	2970	2973	2977	rBV2	72009	83706	0.73%	0.091%
56	20.903	3041	3046	3049	rBV	116452	202910	1.76%	0.219%
57	20.945	3049	3053	3060	rVV2	448109	771726	6.69%	0.835%
58	21.009	3060	3064	3070	rVB	259304	341251	2.96%	0.369%
59	21.215	3094	3099	3112	rBV	3694242	5071375	43.95%	5.486%
60	21.380	3123	3127	3131	rBV	270531	289875	2.51%	0.314%
61	21.803	3196	3199	3205	rBV	419285	499938	4.33%	0.541%
62	22.256	3272	3276	3282	rBV	755229	916931	7.95%	0.992%
63	22.750	3356	3360	3366	rVB	897333	1227264	10.63%	1.328%
64	23.274	3442	3449	3463	rBV	5472809	11540067	100.00%	12.483%
65	23.415	3466	3473	3484	rVB	2721259	5175598	44.85%	5.598%
66	23.927	3555	3560	3569	rVB	822878	1458288	12.64%	1.577%
67	24.650	3677	3683	3693	rVB	617662	1233998	10.69%	1.335%

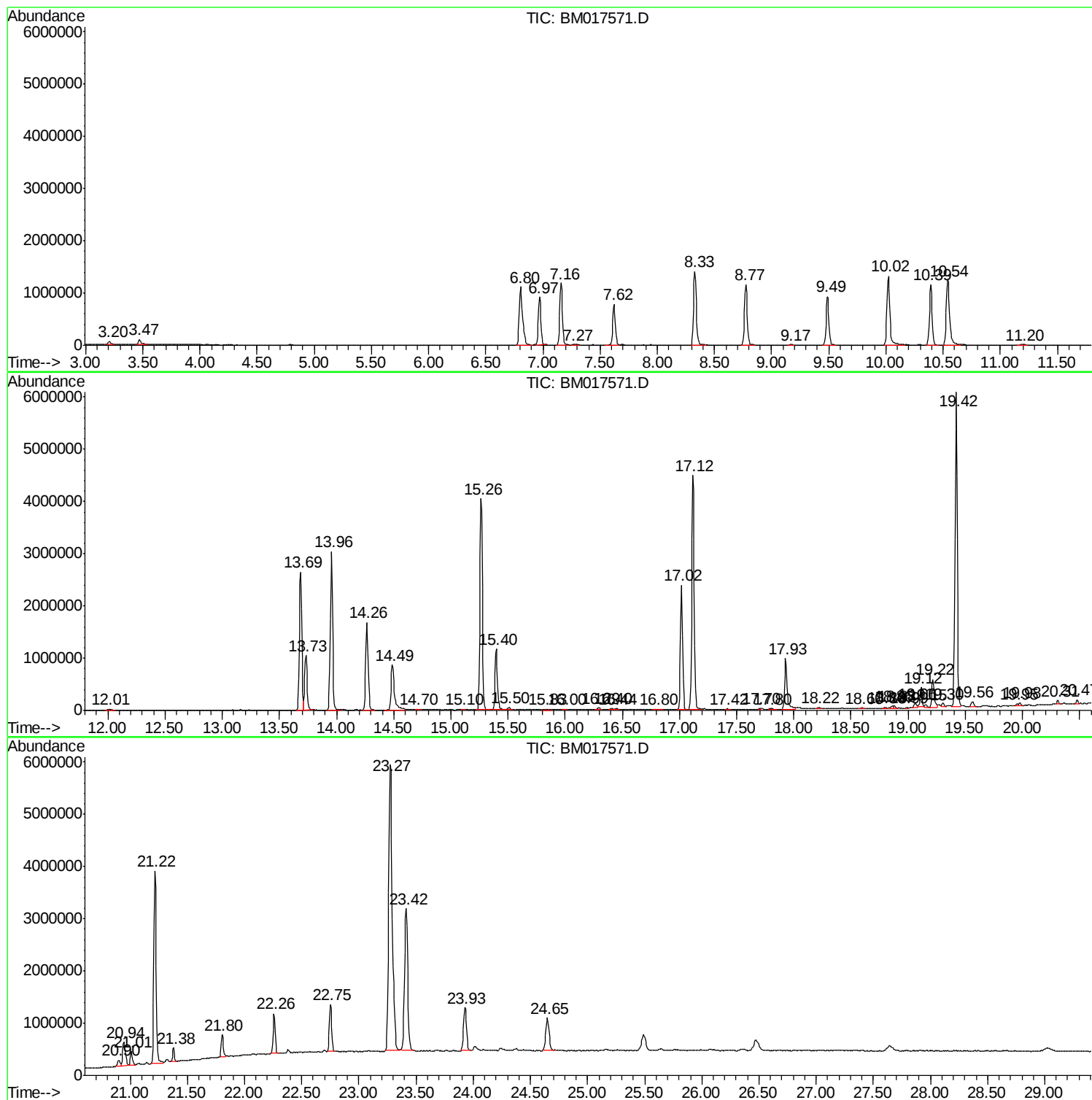
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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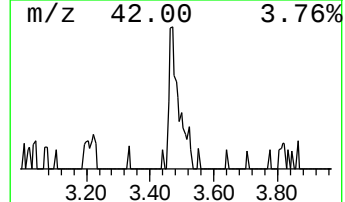
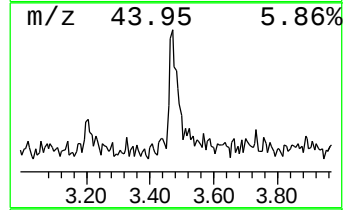
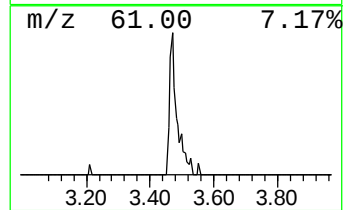
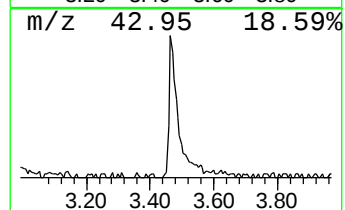
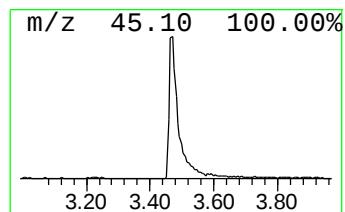
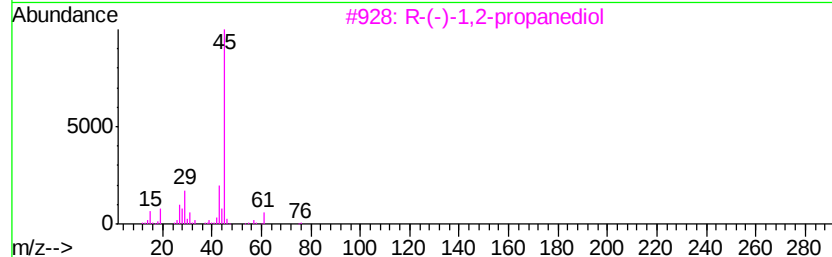
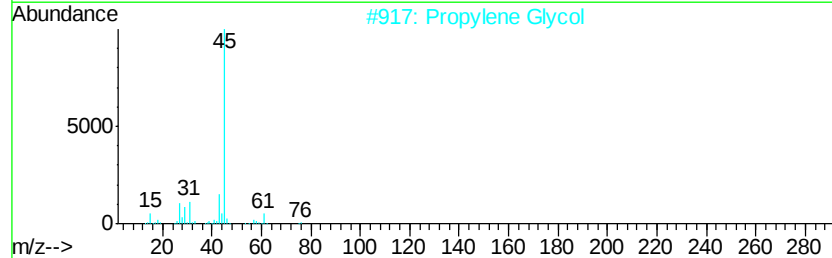
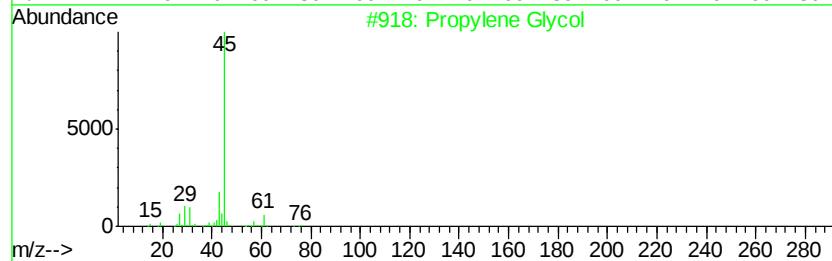
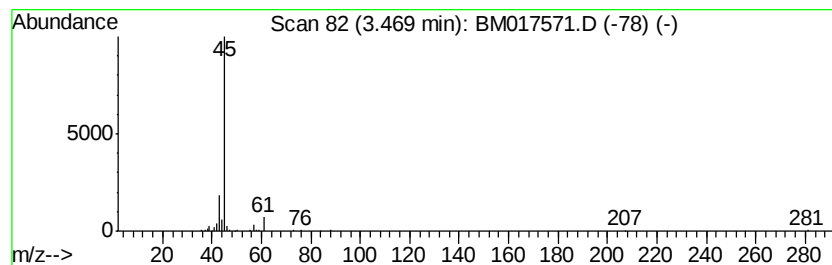
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Propylene Glycol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	2.86 ng/ul	182150	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	78
2		Propylene Glycol	76	C3H8O2	000057-55-6	72
3		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
4		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	22
5		2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	9



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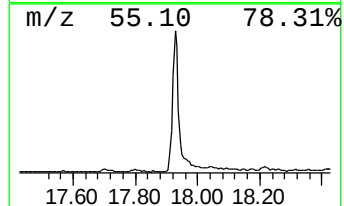
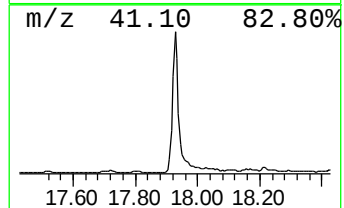
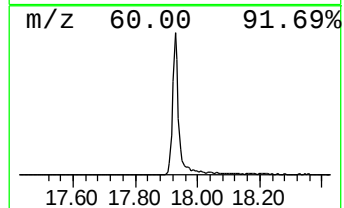
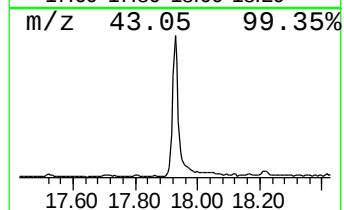
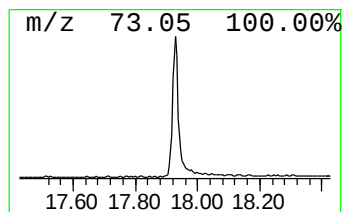
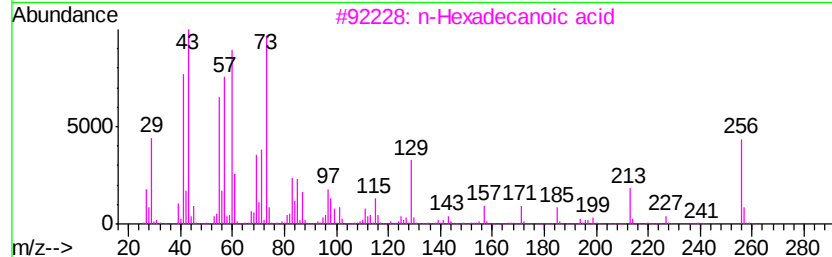
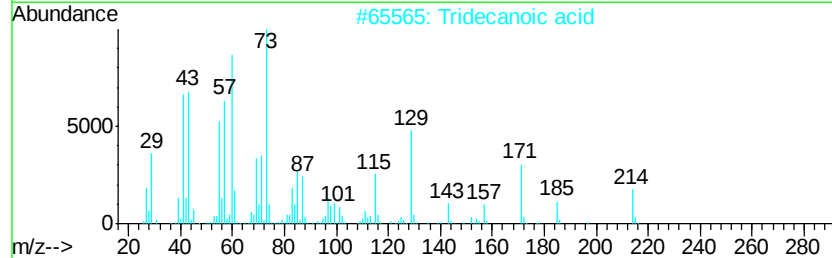
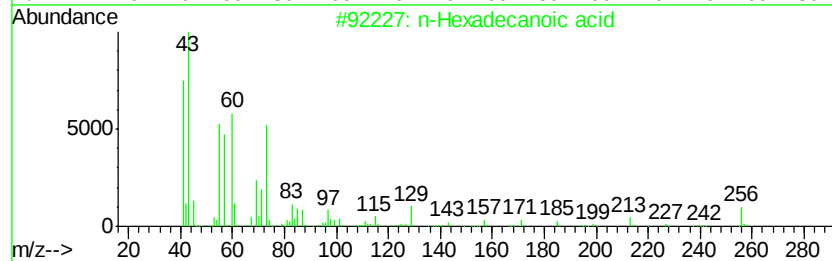
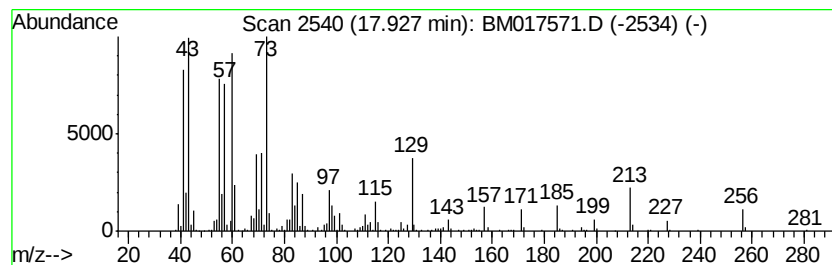
Instrument :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.93	8.66 ng/ul	1467530	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87



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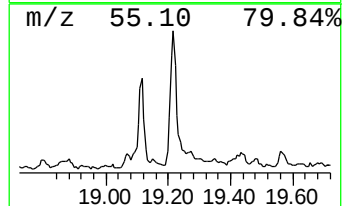
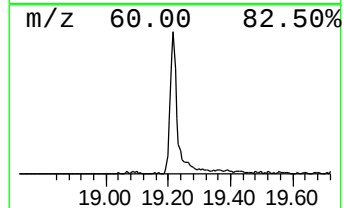
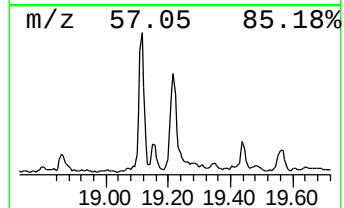
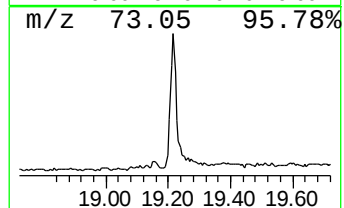
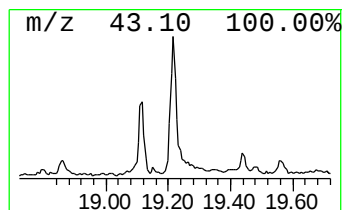
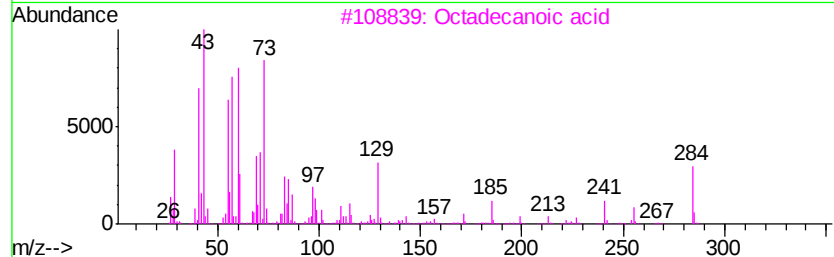
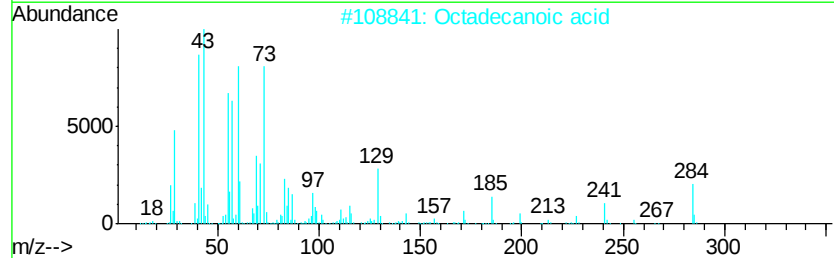
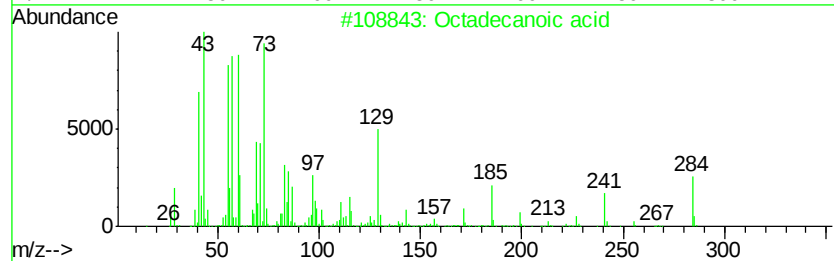
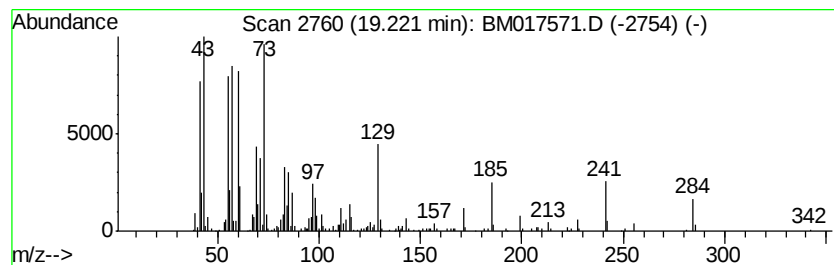
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	3.03 ng/ul	767406	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	90



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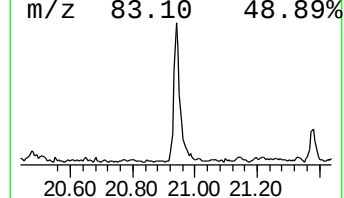
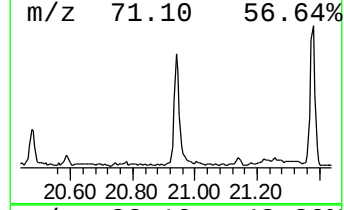
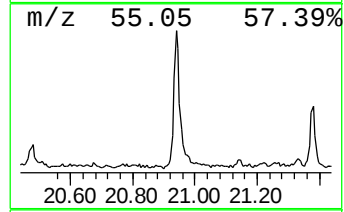
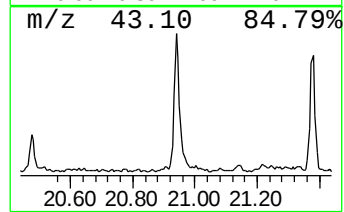
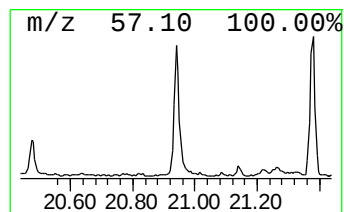
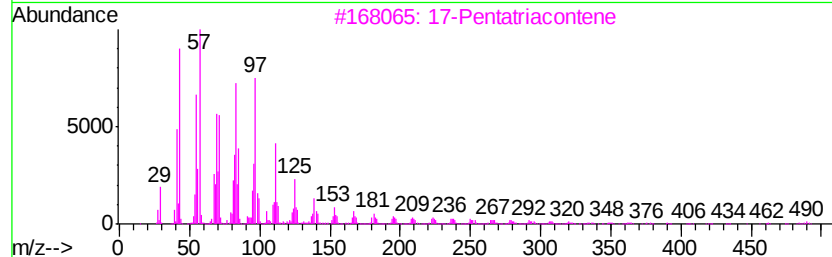
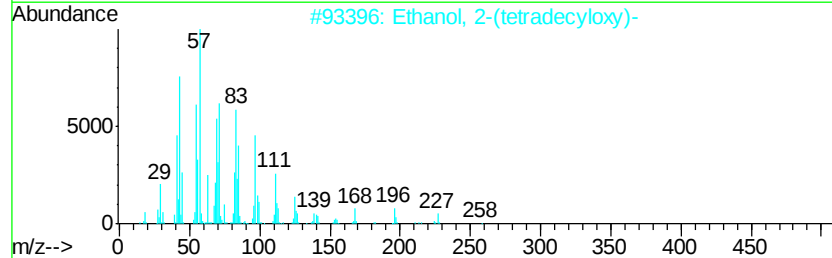
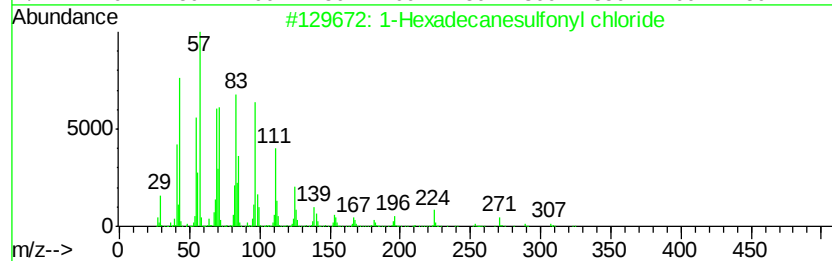
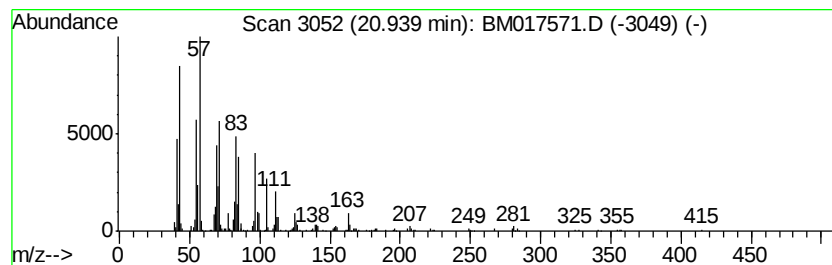
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Peak Number 4 1-Hexadecanesulfonyl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.04 ng/ul	771726	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	70
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	60
3		17-Pentatriacontene	491	C35H70	006971-40-0	58
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	55
5		1-Docosene	308	C22H44	001599-67-3	55



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ClientSampleId :
ESNR3

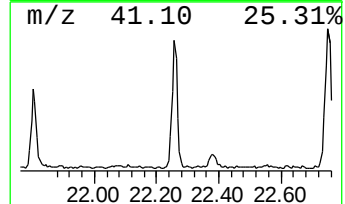
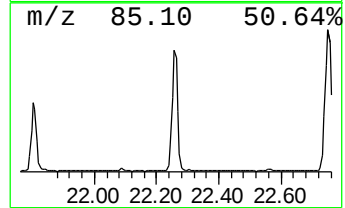
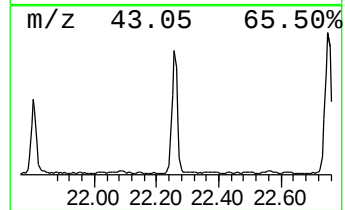
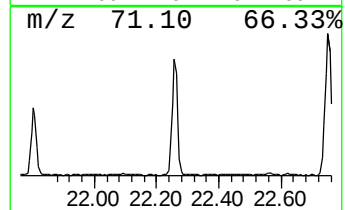
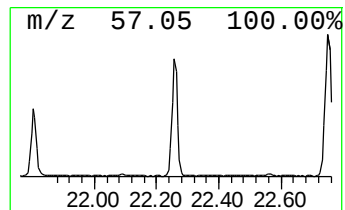
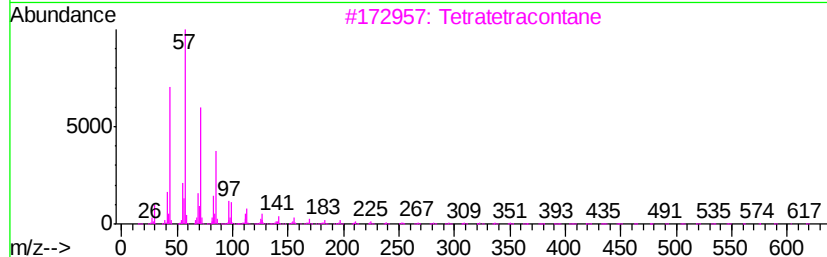
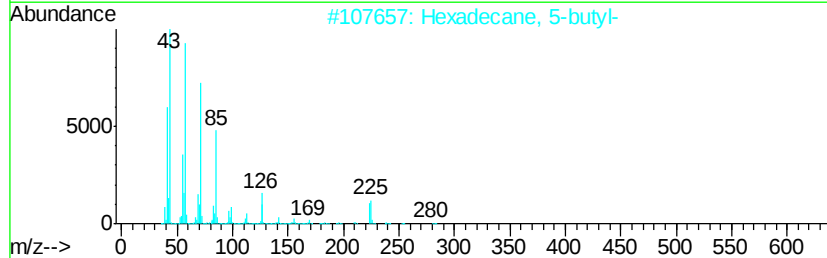
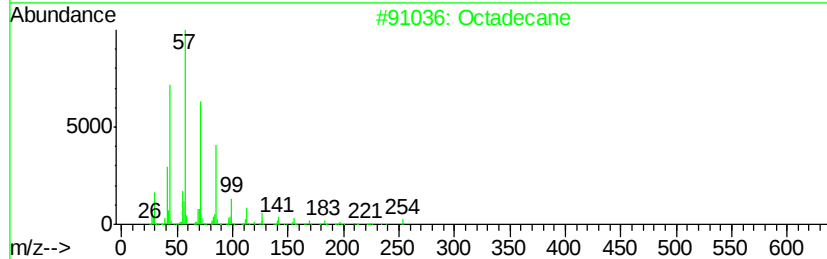
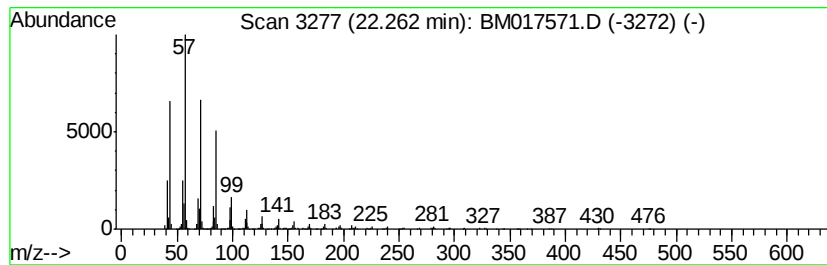
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	3.62 ng/ul	916931	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017571.D
Acq On : 08 Nov 2018 18:01
Operator : MJ/SJ
Sample : J5834-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESNR3

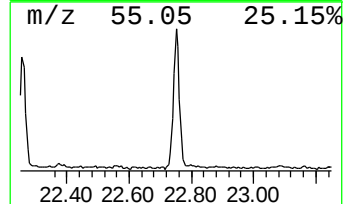
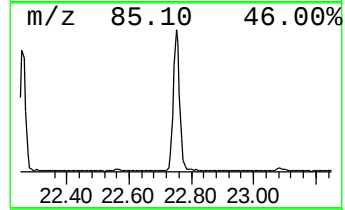
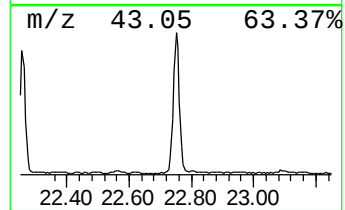
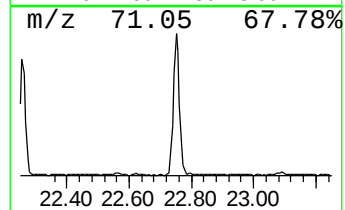
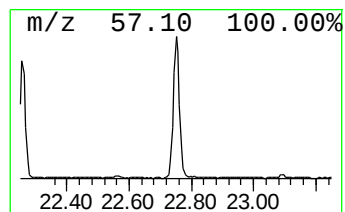
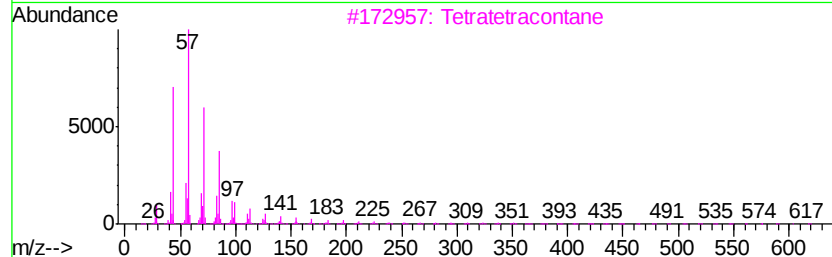
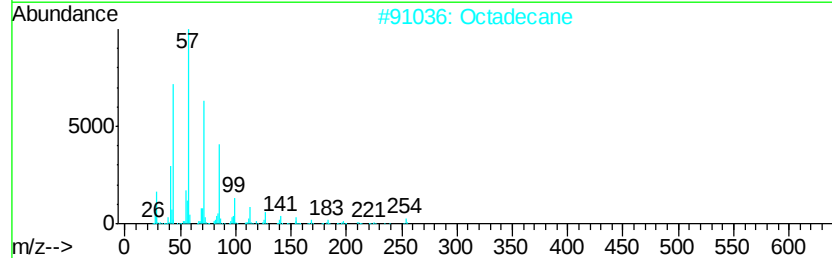
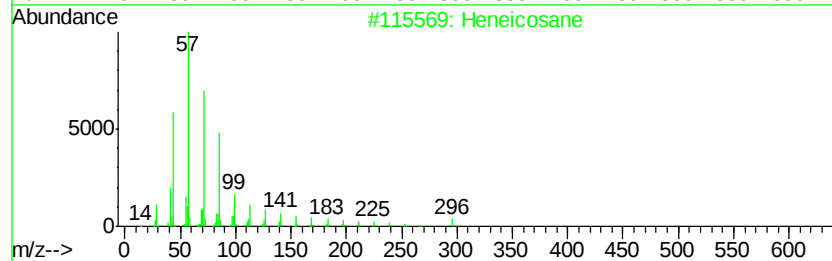
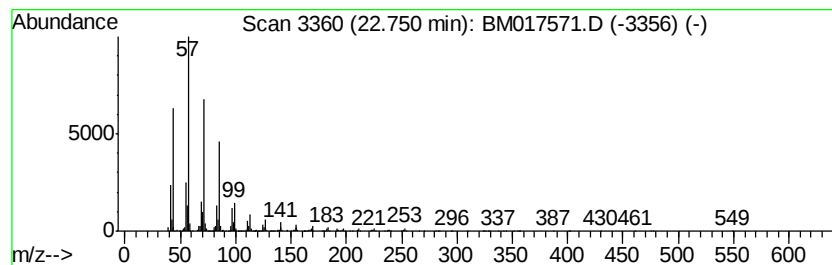
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Quant Title : SVOA CALIBRATION

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.
22.75	4.74 ng/ul	1227260	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Octadecane	254	C18H38	000593-45-3	95
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017571.D
Acq On : 08 Nov 2018 18:01
Operator : MJ/SJ
Sample : J5834-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESNR3

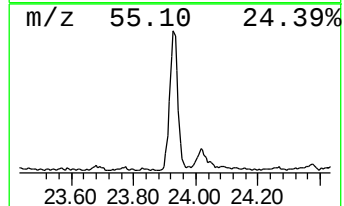
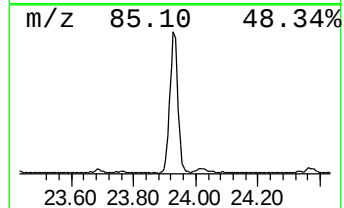
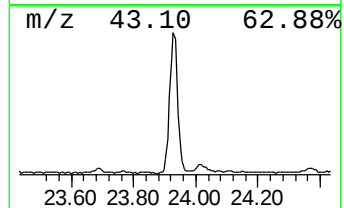
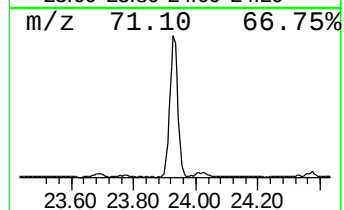
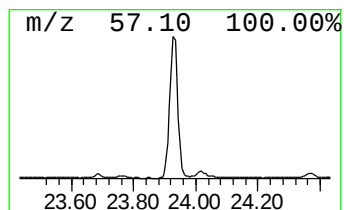
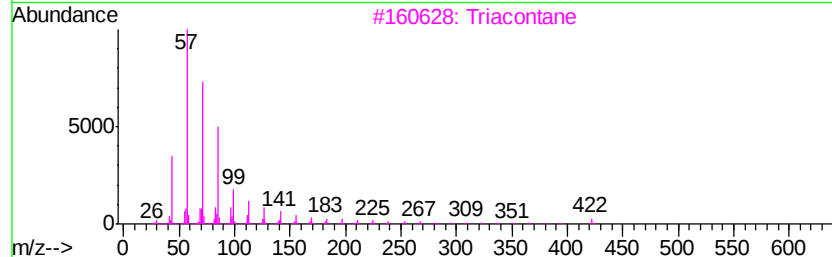
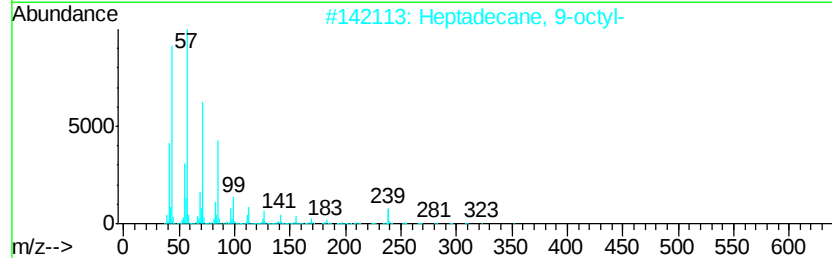
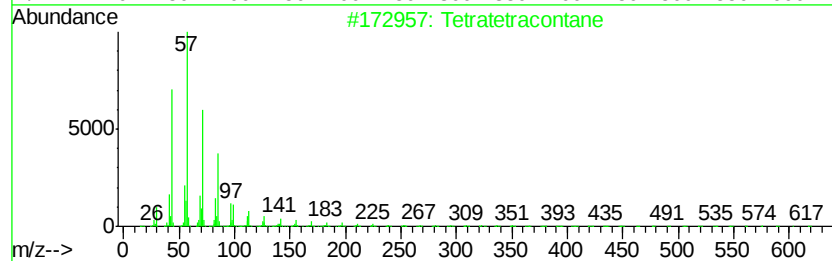
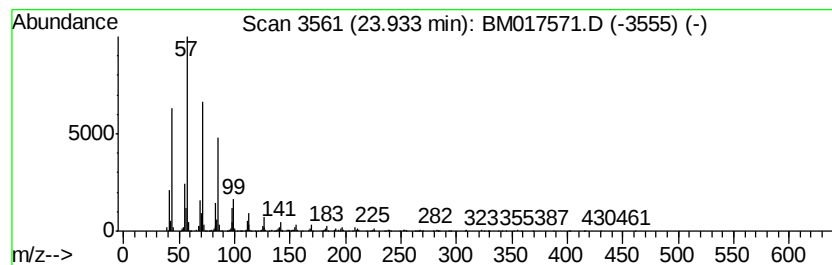
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Quant Title : SVOA CALIBRATION

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.
23.93	5.64 ng/ul	1458290	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Docosane	310	C22H46	000629-97-0	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017571.D
Acq On : 08 Nov 2018 18:01
Operator : MJ/SJ
Sample : J5834-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESNR3

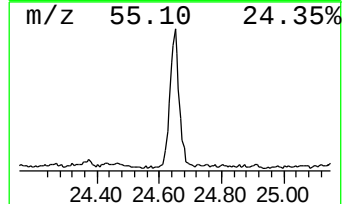
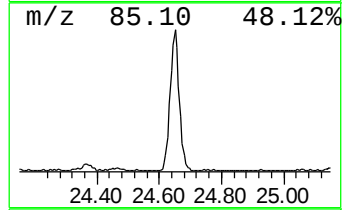
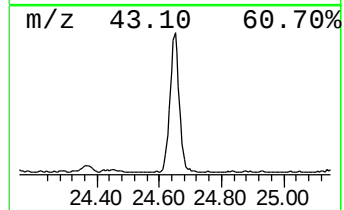
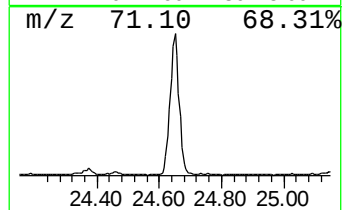
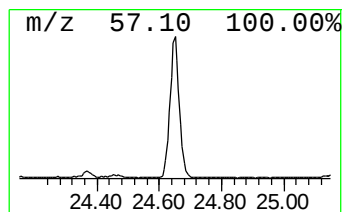
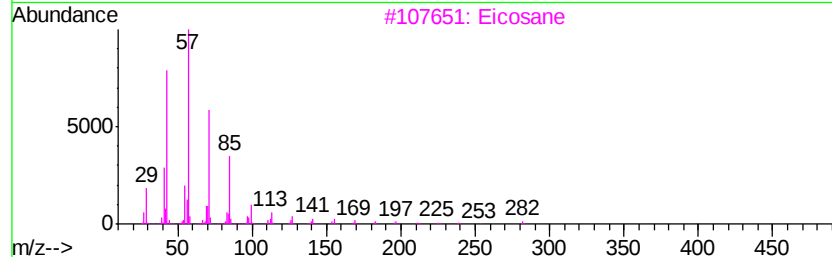
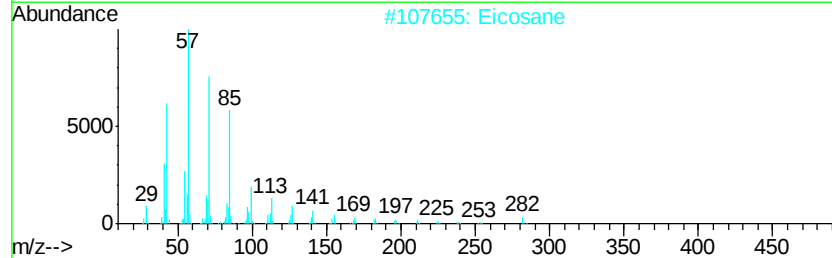
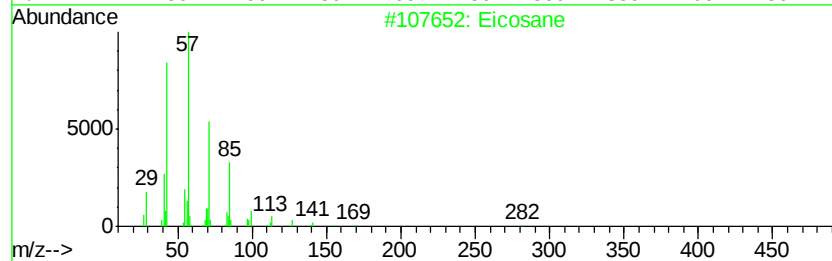
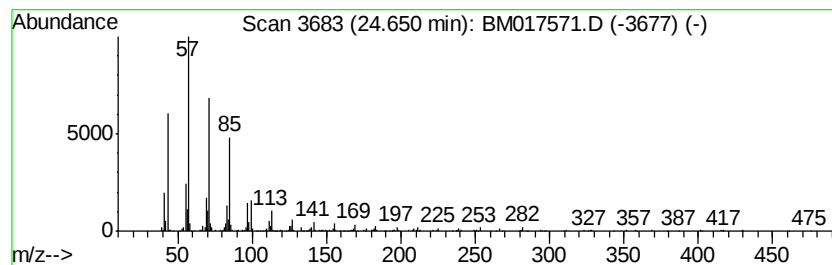
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	4.77 ng/ul	1234000	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	95
3		Eicosane	282	C20H42	000112-95-8	93
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
Data File : BM017571.D
Acq On : 08 Nov 2018 18:01
Operator : MJ/SJ
Sample : J5834-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESNR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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
Propylene Glycol	3.47	2.9	ng/ul	182150	1	7.62	1273190	20.0
n-Hexadecanoic acid	17.93	8.7	ng/ul	1467530	4	17.02	3387810	20.0
Octadecanoic acid	19.22	3.0	ng/ul	767406	5	21.22	5071380	20.0
1-Hexadecanesulfo...	20.94	3.0	ng/ul	771726	5	21.22	5071380	20.0
(DEL) Alkane: Str...	22.26	3.6	ng/ul	916931	5	21.22	5071380	20.0
(DEL) Alkane: Str...	22.75	4.7	ng/ul	1227260	6	23.42	5175600	20.0
(DEL) Alkane: Str...	23.93	5.6	ng/ul	1458290	6	23.42	5175600	20.0
(DEL) Alkane: Str...	24.65	4.8	ng/ul	1234000	6	23.42	5175600	20.0