

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
 Data File : BN007671.D
 Acq On : 16 Sep 2019 18:03
 Operator : HP/JU
 Sample : K4780-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0BM2

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-BN091619MA.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	3.017	3	5	25	rVB	7578979	9238146	45.45%	4.580%
2	3.270	45	48	54	rVB	118817	161517	0.79%	0.080%
3	3.893	151	154	160	rVB	53677	74926	0.37%	0.037%
4	3.981	166	169	174	rVB	51744	68785	0.34%	0.034%
5	4.075	181	185	189	rBV4	29426	39936	0.20%	0.020%
6	4.875	317	321	326	rVB5	16504	25675	0.13%	0.013%
7	6.117	527	532	537	rVB3	29234	45242	0.22%	0.022%
8	6.875	655	661	673	rBV	732114	1324613	6.52%	0.657%
9	7.046	681	690	713	rBV	2156748	3634659	17.88%	1.802%
10	7.240	716	723	735	rVB	2643095	4205532	20.69%	2.085%
11	7.705	795	802	812	rBV	2702827	4192909	20.63%	2.079%
12	7.775	812	814	819	rVB4	24902	33624	0.17%	0.017%
13	8.399	913	920	929	rBV	2137971	3419118	16.82%	1.695%
14	8.846	989	996	1010	rBV	3015367	4865021	23.93%	2.412%
15	9.022	1023	1026	1033	rVB8	10507	21405	0.11%	0.011%
16	9.322	1072	1077	1082	rVB	38199	59523	0.29%	0.030%
17	9.563	1110	1118	1133	rBV	2159209	3481523	17.13%	1.726%
18	9.981	1183	1189	1196	rBV3	29510	69210	0.34%	0.034%
19	10.099	1201	1209	1228	rVV	3900125	6356699	31.27%	3.152%
20	10.475	1266	1273	1281	rBV	3856988	6198914	30.50%	3.074%
21	10.605	1288	1295	1310	rBV	645372	1208857	5.95%	0.599%
22	11.804	1494	1499	1505	rVB	125207	192351	0.95%	0.095%
23	12.063	1537	1543	1549	rBV2	69480	114554	0.56%	0.057%
24	12.946	1687	1693	1702	rBV4	31897	56329	0.28%	0.028%
25	13.181	1728	1733	1738	rVB3	24995	37463	0.18%	0.019%
26	13.304	1748	1754	1760	rBV10	15811	25367	0.12%	0.013%
27	13.746	1819	1829	1833	rBV	7484966	10300292	50.67%	5.107%
28	13.787	1833	1836	1845	rVB	789942	1157627	5.70%	0.574%
29	14.022	1868	1876	1887	rBV2	8378614	12226944	60.15%	6.062%
30	14.257	1911	1916	1921	rVB7	10529	22531	0.11%	0.011%
31	14.334	1921	1929	1946	rBV	5840614	8918963	43.88%	4.422%
32	14.516	1954	1960	1969	rBV	679061	1061737	5.22%	0.526%
33	14.757	1997	2001	2006	rBV5	35963	62027	0.31%	0.031%
34	14.993	2036	2041	2044	rBV7	15234	22991	0.11%	0.011%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	15.081	2052	2056	2060	rVB2	42043	56078	0.28%	0.028%
36	15.157	2065	2069	2072	rBV2	29088	41602	0.20%	0.021%
37	15.228	2075	2081	2086	rBV4	45405	102508	0.50%	0.051%
38	15.328	2091	2098	2105	rBV	10637760	15128380	74.43%	7.501%
39	15.440	2111	2117	2127	rBV	787313	1137922	5.60%	0.564%
40	15.563	2133	2138	2145	rBV	128306	191070	0.94%	0.095%
41	15.898	2190	2195	2196	rBV4	22259	31777	0.16%	0.016%
42	16.116	2227	2232	2238	rVB2	94368	156865	0.77%	0.078%
43	16.863	2357	2359	2363	rVB4	35266	36790	0.18%	0.018%
44	17.075	2389	2395	2401	rBV2	6910978	9732450	47.88%	4.826%
45	17.175	2405	2412	2421	rVV	11919678	16580865	81.57%	8.221%
46	17.310	2430	2435	2442	rBV2	507661	812959	4.00%	0.403%
47	17.986	2546	2550	2556	rBV2	645288	974237	4.79%	0.483%
48	19.275	2765	2769	2773	rBV4	318532	445922	2.19%	0.221%
49	19.475	2797	2803	2808	rBV	14630748	20326662	100.00%	10.078%
50	20.545	2983	2985	2988	rBV2	455157	555314	2.73%	0.275%
51	21.010	3060	3064	3068	rVV2	1243794	1772556	8.72%	0.879%
52	21.057	3069	3072	3079	rVB	1160824	1599419	7.87%	0.793%
53	21.269	3103	3108	3113	rBV	8783164	12176036	59.90%	6.037%
54	21.451	3136	3139	3146	rVB2	1067660	1283614	6.31%	0.636%
55	22.345	3289	3291	3295	rBV	695102	829403	4.08%	0.411%
56	22.851	3374	3377	3382	rBV	925667	1216483	5.98%	0.603%
57	23.351	3456	3462	3469	rBV	10241781	18761016	92.30%	9.302%
58	23.416	3470	3473	3479	rVB	1063582	1642370	8.08%	0.814%
59	23.492	3480	3486	3494	rBV	5897487	10391325	51.12%	5.152%
60	24.057	3579	3582	3591	rVB2	769966	1280262	6.30%	0.635%
61	24.798	3704	3708	3716	rBV6	621678	1496936	7.36%	0.742%

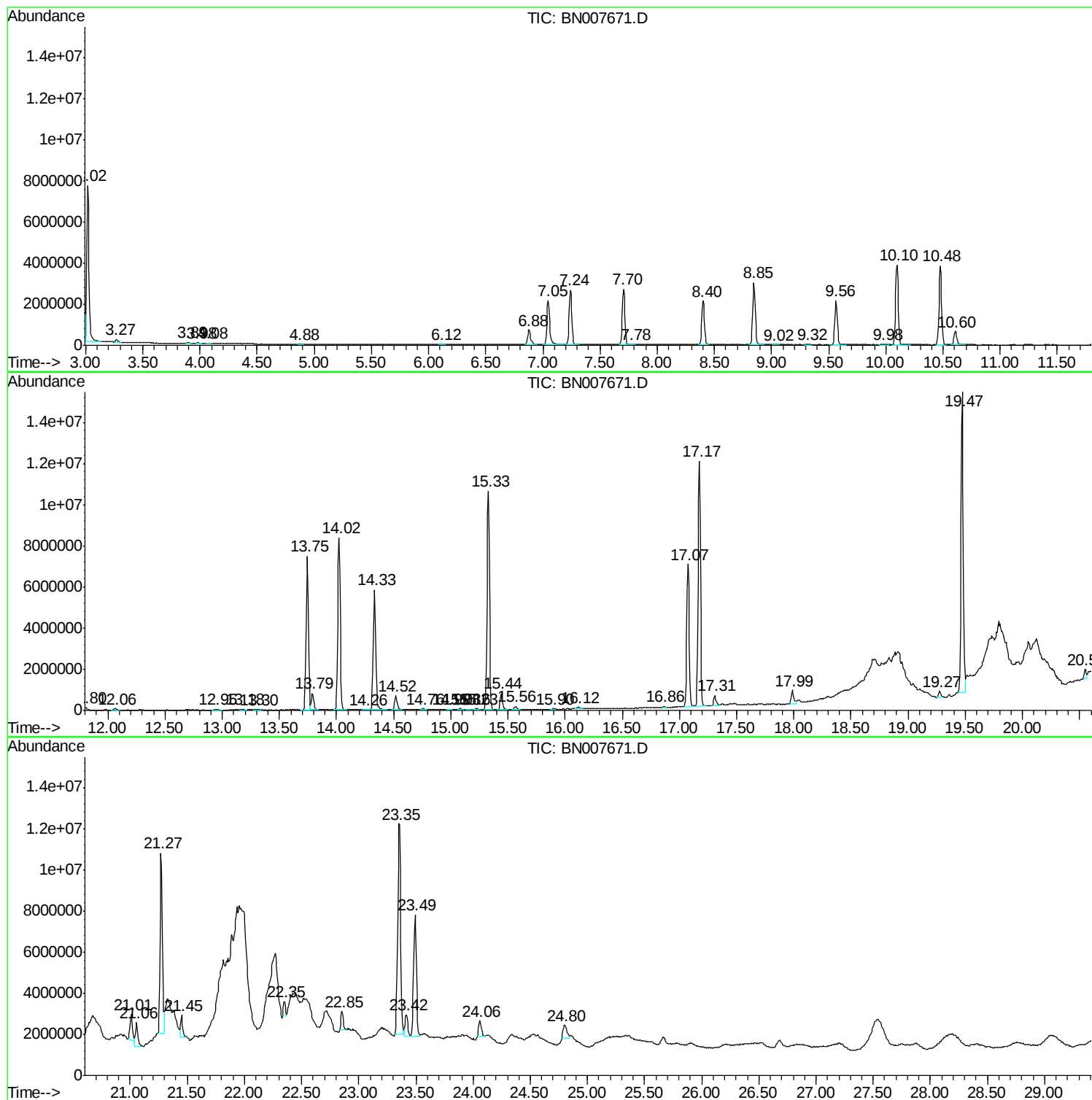
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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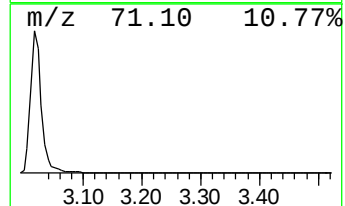
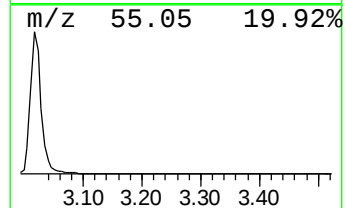
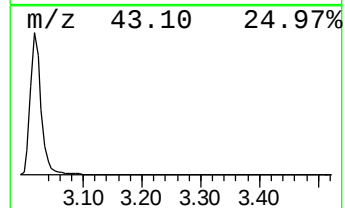
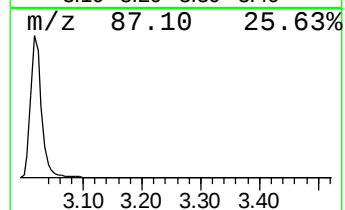
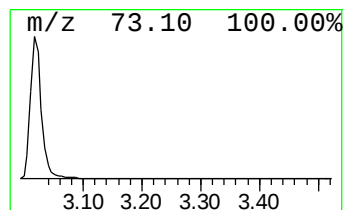
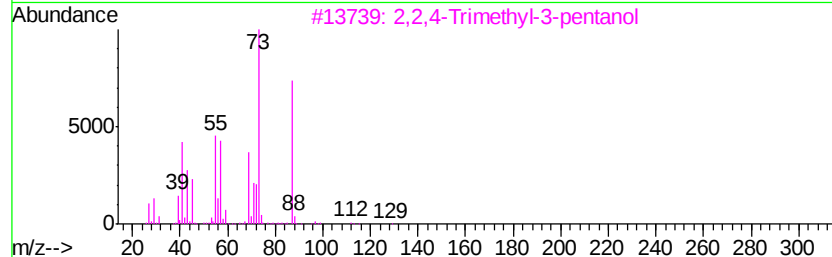
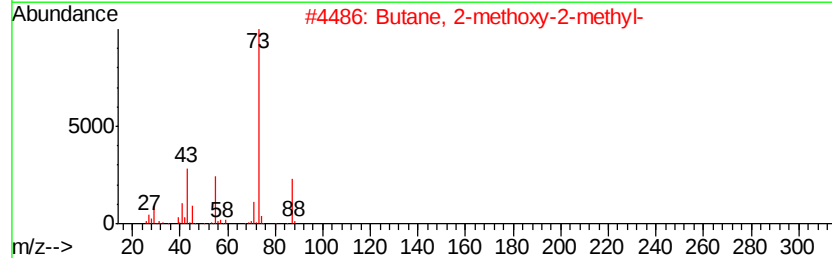
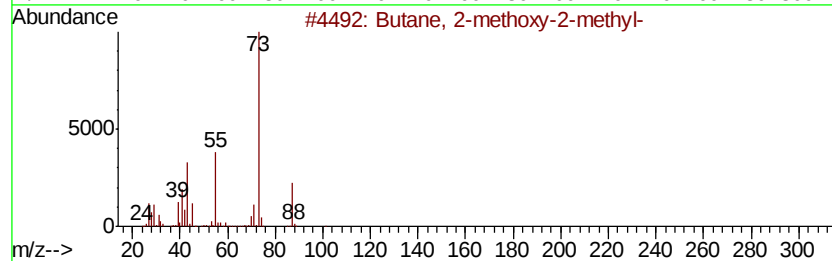
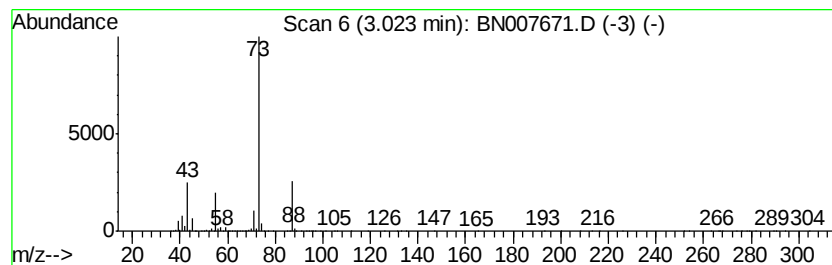
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	44.07 ng/ul	9238150	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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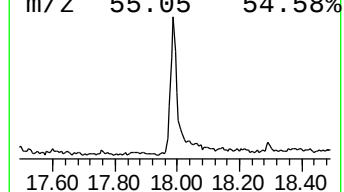
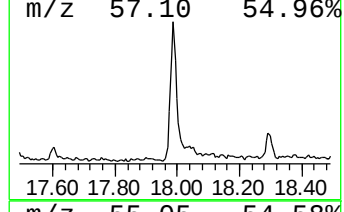
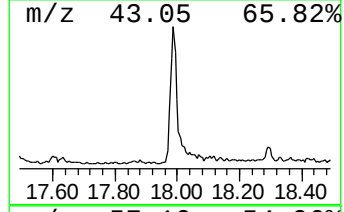
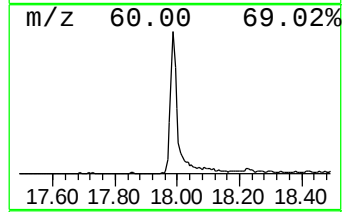
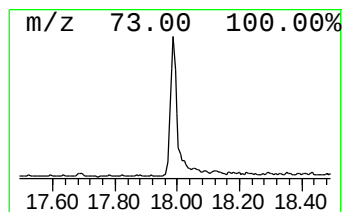
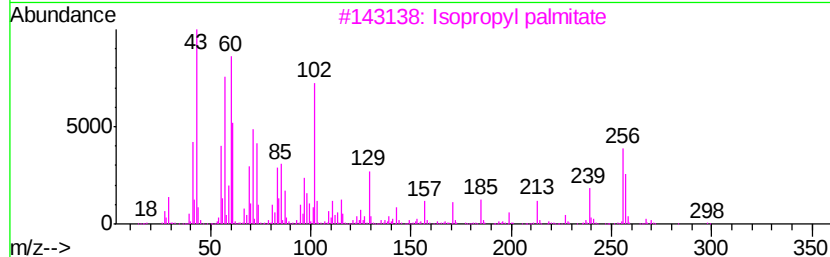
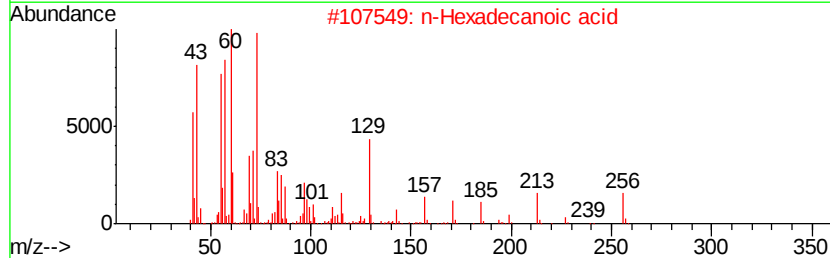
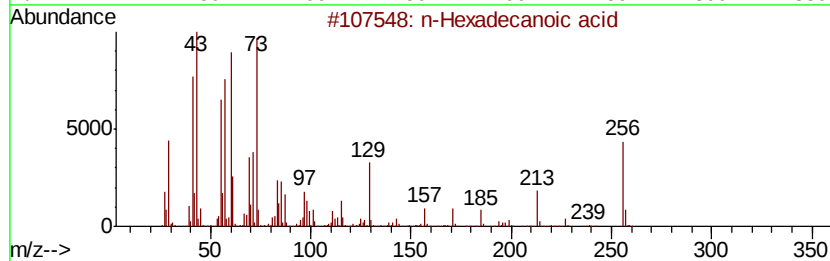
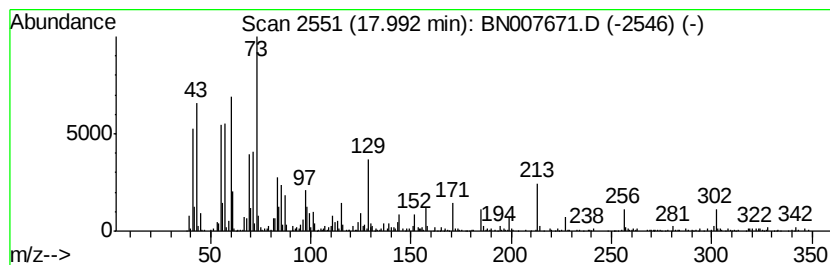
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.00 ng/ul	974237	Phenanthrene-d10	17.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3		Isopropyl palmitate	298	C19H38O2	000142-91-6	83
4		Octadecanoic acid	284	C18H36O2	000057-11-4	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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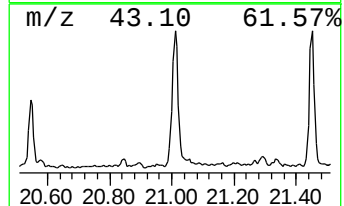
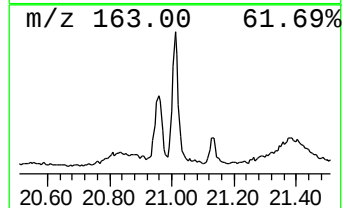
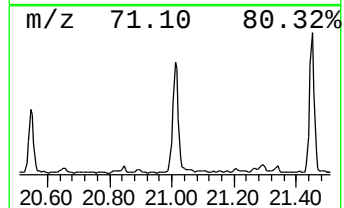
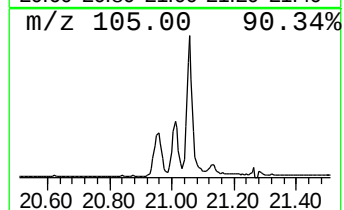
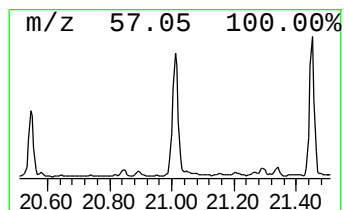
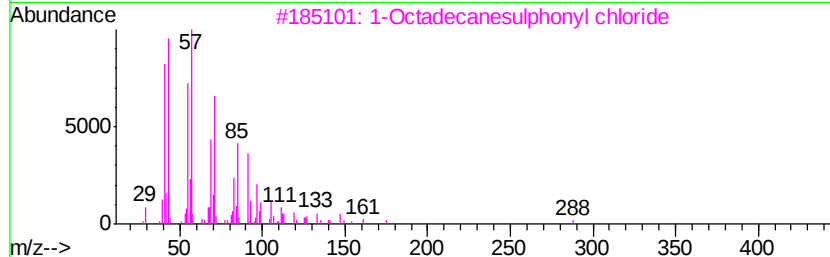
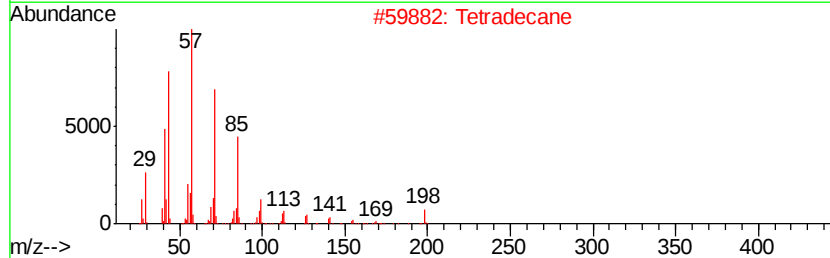
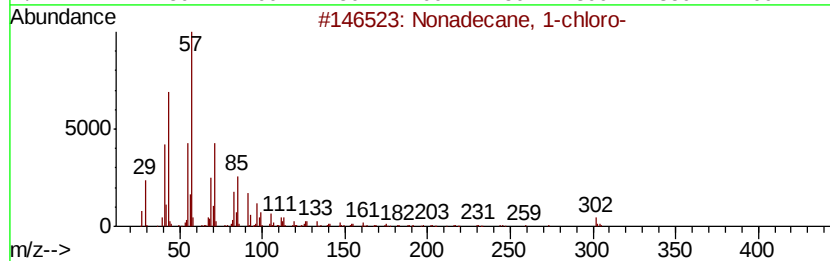
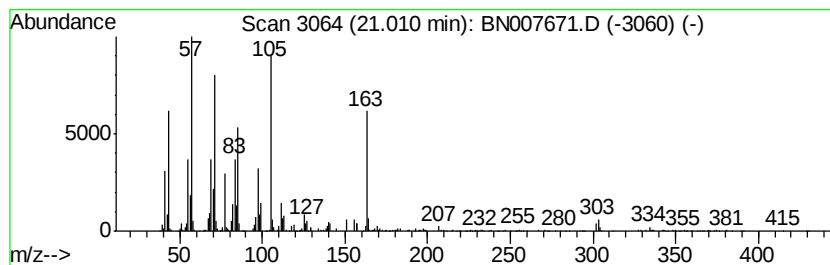
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonadecane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.91 ng/ul	1772560	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	86
2		Tetradecane	198	C14H30	000629-59-4	78
3		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
4		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	58
5		Dodecane	170	C12H26	000112-40-3	55



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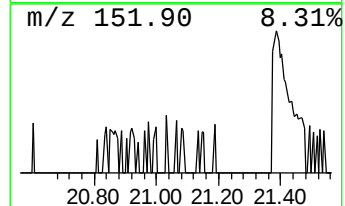
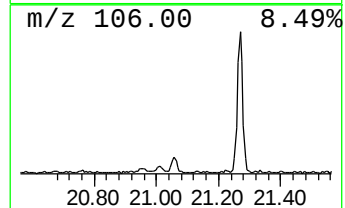
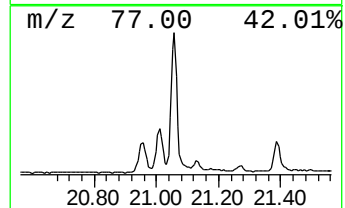
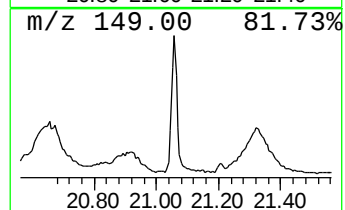
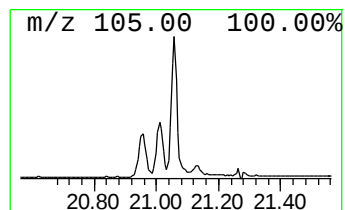
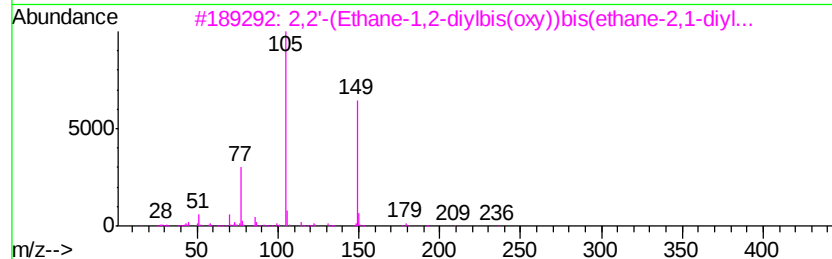
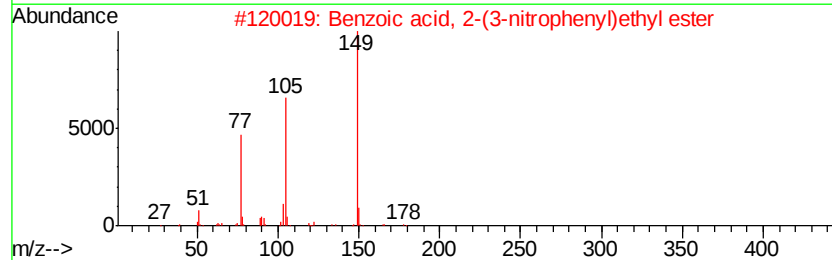
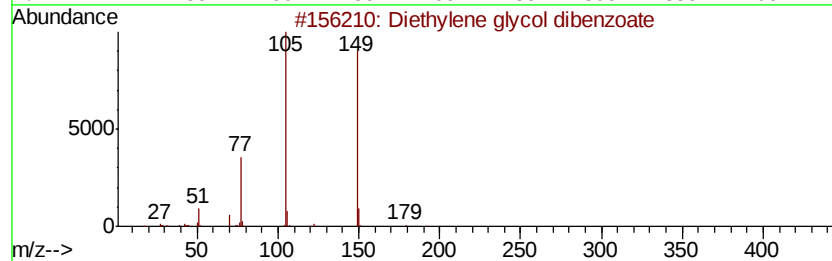
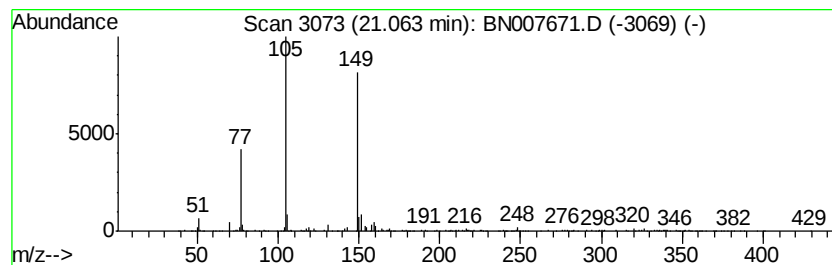
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Diethylene glycol dibenzoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.63 ng/ul	1599420	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	86
2		Benzoic acid, 2-(3-nitrophenyl)ethyl ester	271	C15H13NO4	1000368-22-4	72
3		2,2'-(Ethane-1,2-diylbis(oxy))bis(ethane-2,1-diyl...)	358	C20H22O6	1000366-99-4	64
4		2-(2-(2-Methoxyethoxy)ethoxy)ethyl...	268	C14H20O5	1000366-99-1	64
5		3-Benzoylamino-2-benzyl-butyric ...	311	C19H21NO3	1000193-12-7	64



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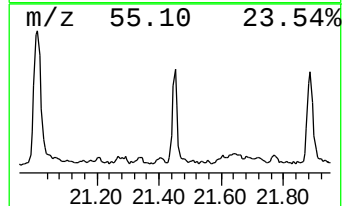
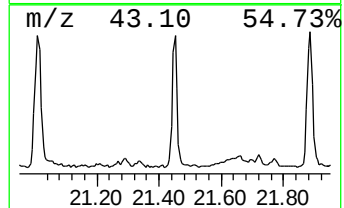
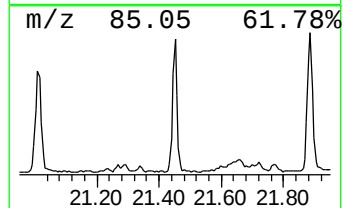
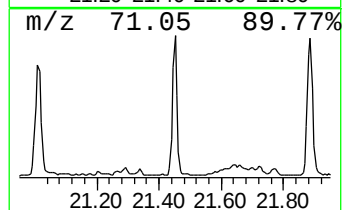
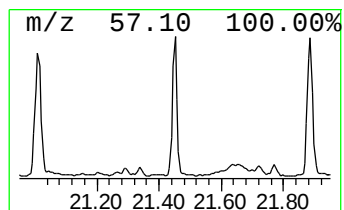
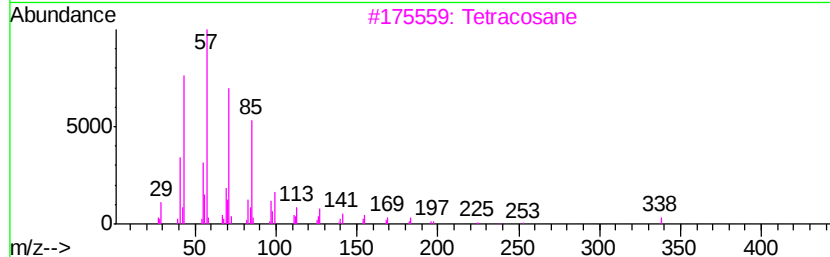
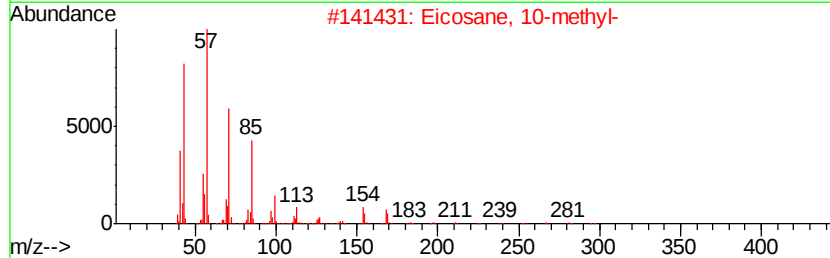
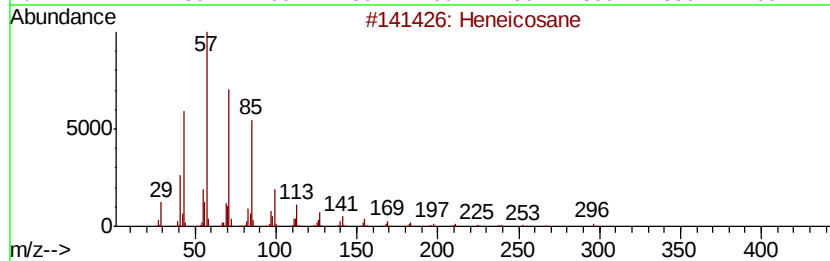
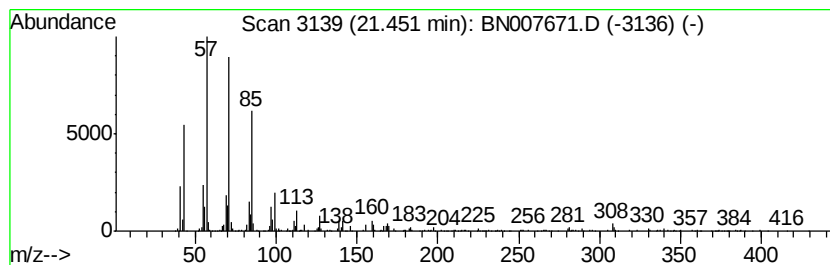
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.11 ng/ul	1283610	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heptadecane	240	C17H36	000629-78-7	86
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007671.D
Acq On : 16 Sep 2019 18:03
Operator : HP/JU
Sample : K4780-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0BM2

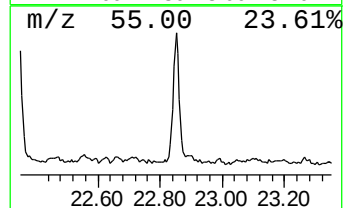
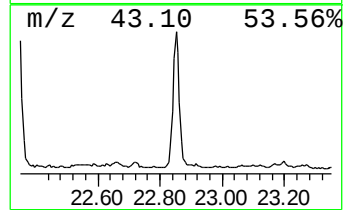
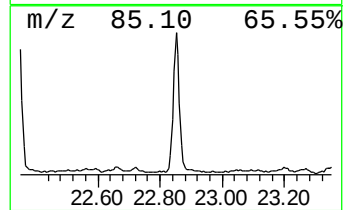
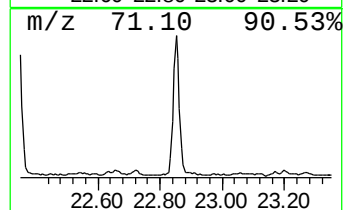
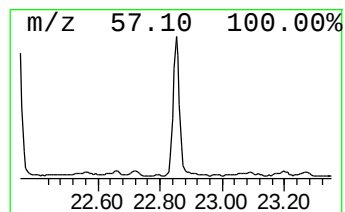
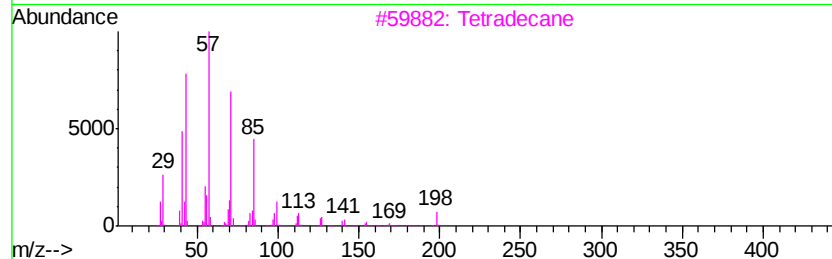
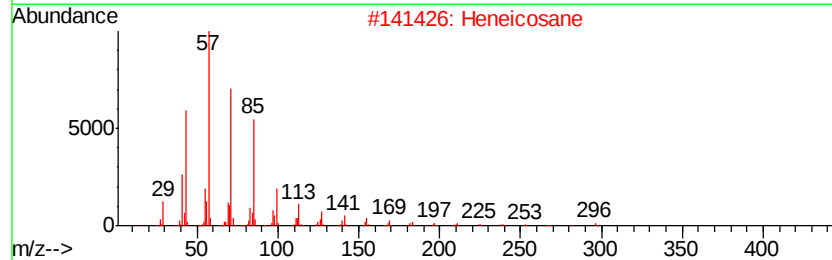
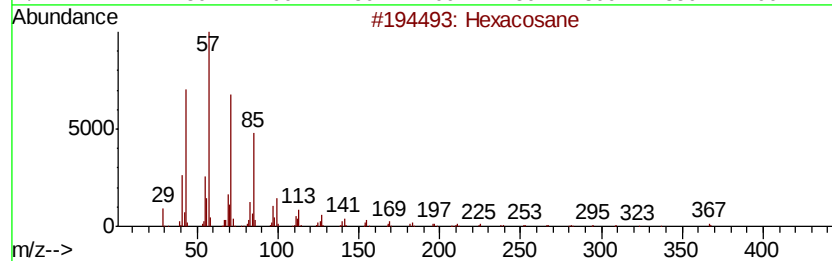
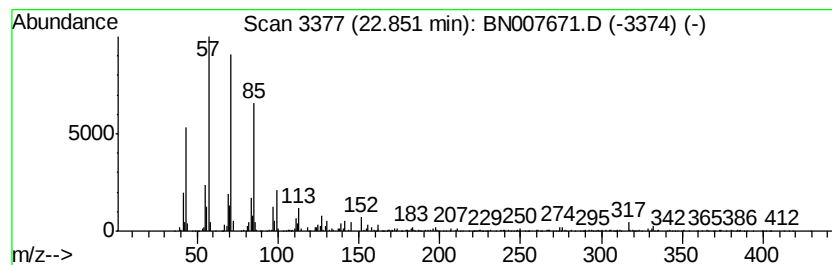
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.34 ng/ul	1216480	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetradecane	198	C14H30	000629-59-4	87
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007671.D
Acq On : 16 Sep 2019 18:03
Operator : HP/JU
Sample : K4780-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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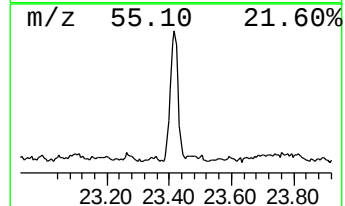
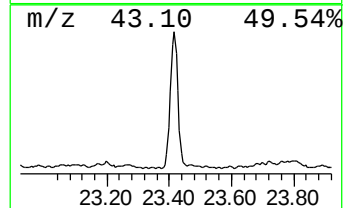
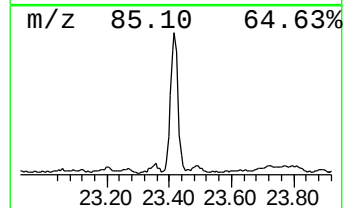
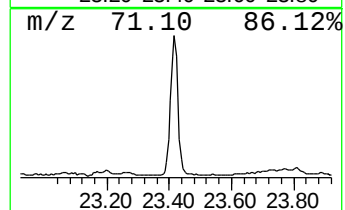
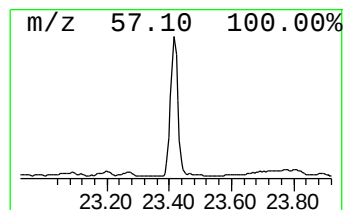
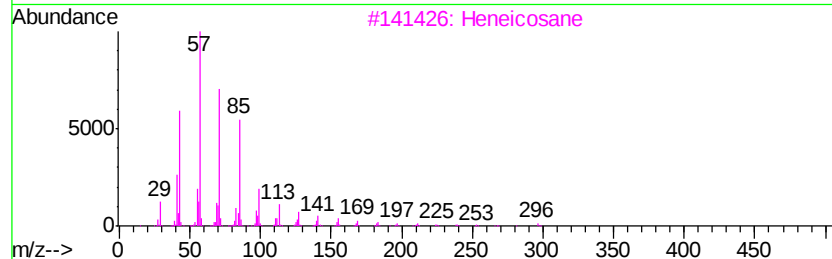
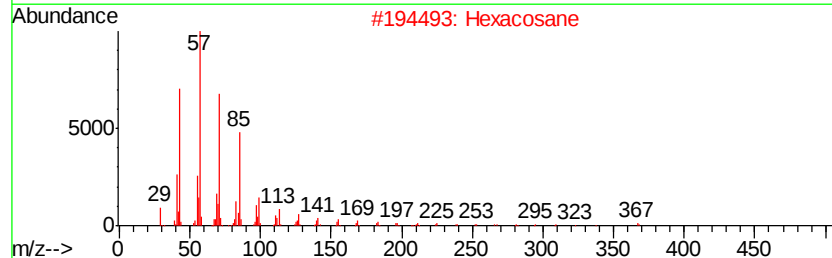
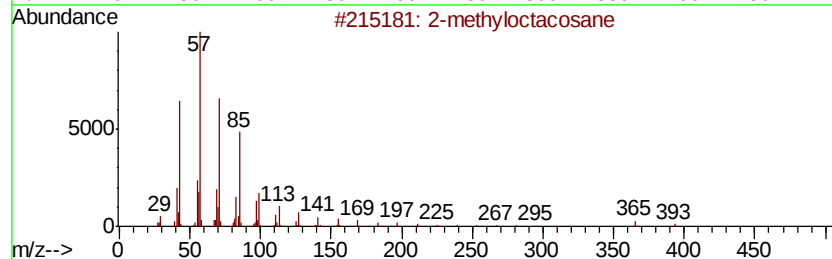
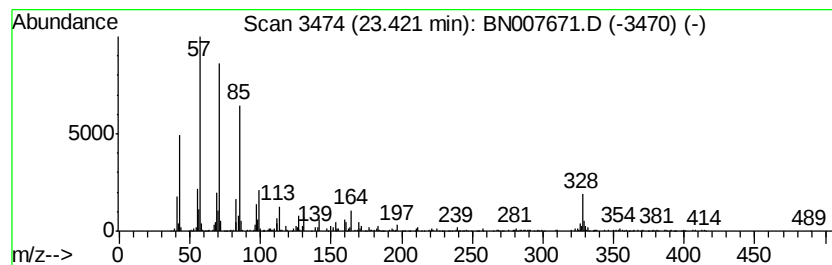
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
23.42	3.16 ng/ul	1642370	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	87
2		Hexacosane	366	C26H54	000630-01-3	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		triacontane	422	C30H62	000638-68-6	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007671.D
Acq On : 16 Sep 2019 18:03
Operator : HP/JU
Sample : K4780-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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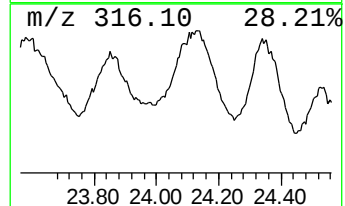
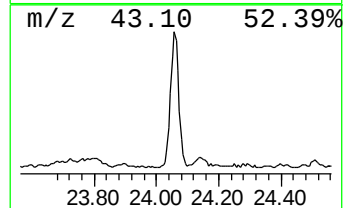
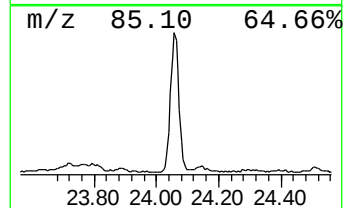
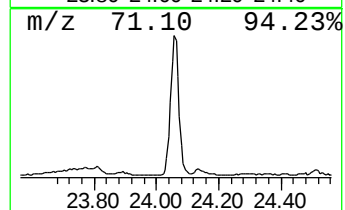
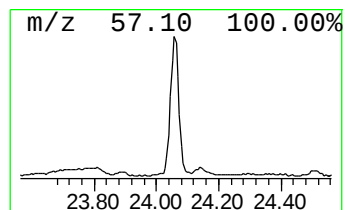
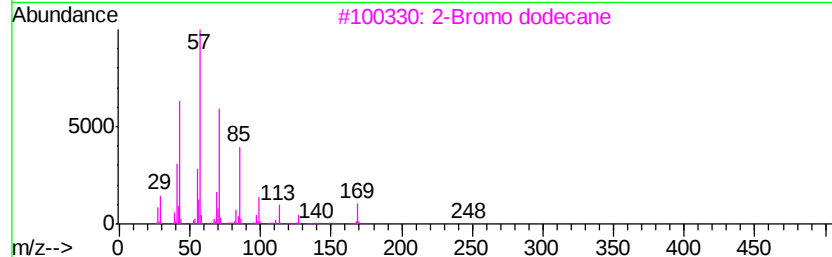
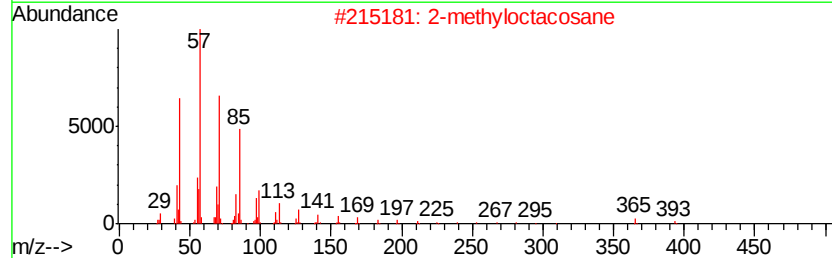
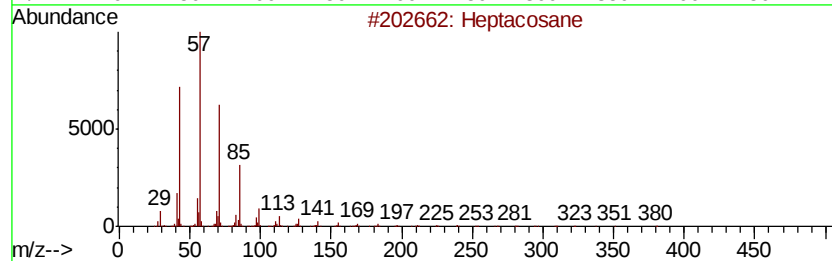
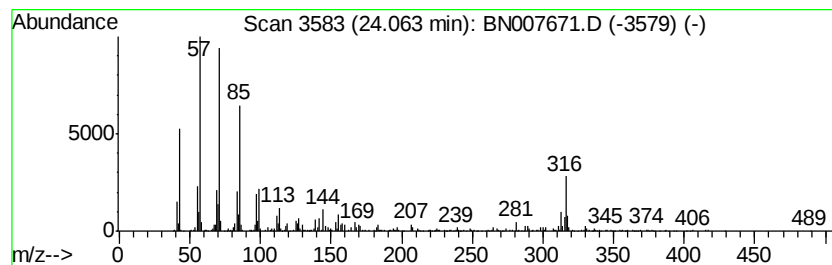
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.46 ng/ul	1280260	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		2-methyloctacosane	408	C29H60	1000376-72-8	76
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	76
4		Hentriacontane	437	C31H64	000630-04-6	72
5		Octadecane	254	C18H38	000593-45-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007671.D
Acq On : 16 Sep 2019 18:03
Operator : HP/JU
Sample : K4780-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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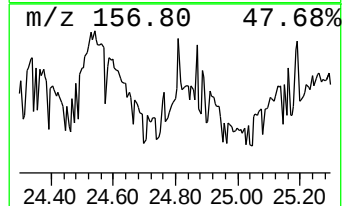
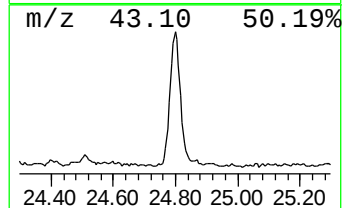
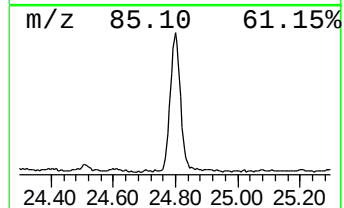
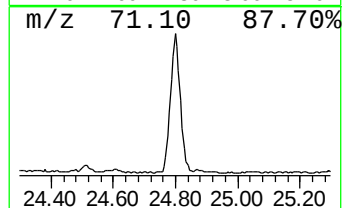
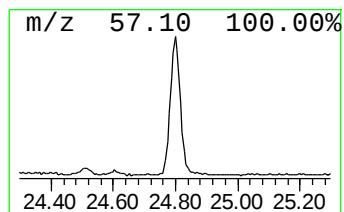
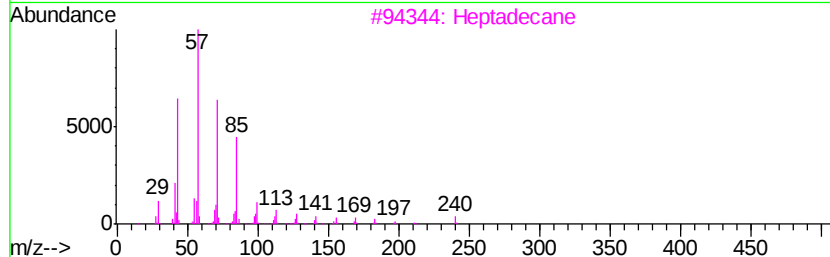
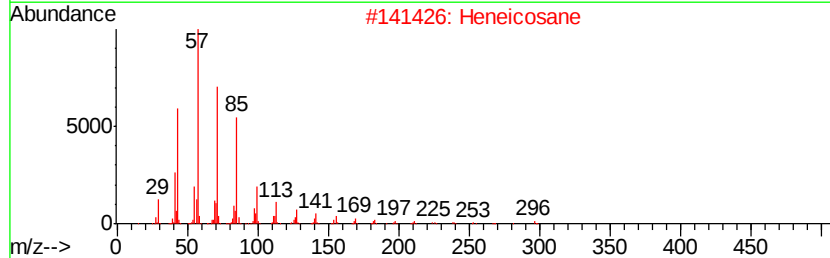
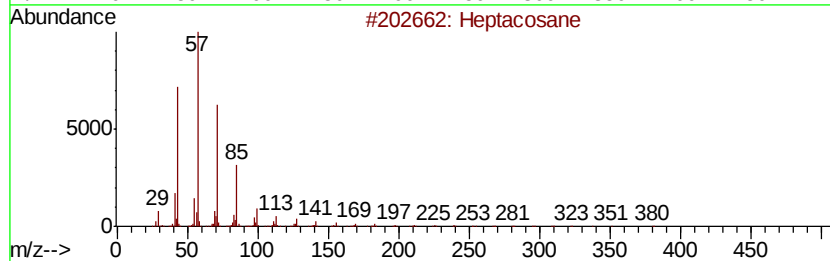
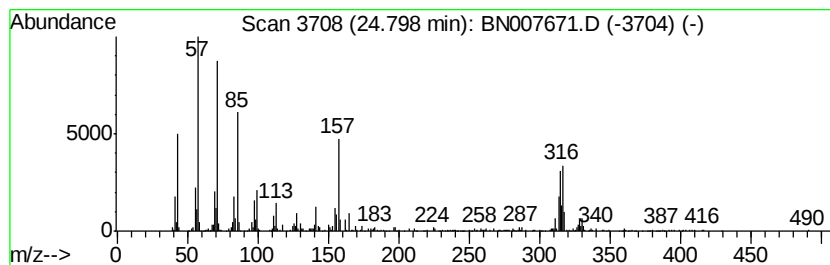
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	2.88 ng/ul	1496940	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Heneicosane	296	C21H44	000629-94-7	55
3		Heptadecane	240	C17H36	000629-78-7	55
4		Hentriacontane	437	C31H64	000630-04-6	55
5		Pentacosane	352	C25H52	000629-99-2	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
Data File : BN007671.D
Acq On : 16 Sep 2019 18:03
Operator : HP/JU
Sample : K4780-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0BM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexadecanoic acid	17.99	2.0	ng/ul	974237	4	17.07	9732450	20.0
Nonadecane, 1-chl...	21.01	2.9	ng/ul	1772560	5	21.27	12176000	20.0
Diethylene glycol...	21.06	2.6	ng/ul	1599420	5	21.27	12176000	20.0
(DEL) Alkane: Str...	21.45	2.1	ng/ul	1283610	5	21.27	12176000	20.0
(DEL) Alkane: Str...	22.85	2.3	ng/ul	1216480	6	23.49	10391300	20.0
(DEL) Alkane: Str...	23.42	3.2	ng/ul	1642370	6	23.49	10391300	20.0
(DEL) Alkane: Str...	24.06	2.5	ng/ul	1280260	6	23.49	10391300	20.0
(DEL) Alkane: Str...	24.80	2.9	ng/ul	1496940	6	23.49	10391300	20.0