

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
 Data File : BN003879.D
 Acq On : 13 Dec 2018 07:39
 Operator : JU/SJ
 Sample : J6228-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E79

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BN121218MA.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	31	rVB	343190	521738	41.52%	5.123%
2	4.946	326	333	342	rVB2	6507	14945	1.19%	0.147%
3	6.987	674	680	690	rBB2	81288	153188	12.19%	1.504%
4	7.163	705	710	720	rBB	68078	104768	8.34%	1.029%
5	7.358	737	743	750	rBB	88969	135032	10.74%	1.326%
6	7.828	818	823	830	rBV	93515	147225	11.72%	1.446%
7	8.522	936	941	950	rBB	91086	143829	11.44%	1.412%
8	8.993	1015	1021	1030	rBB	86419	140735	11.20%	1.382%
9	9.710	1138	1143	1150	rBB	72737	115020	9.15%	1.129%
10	10.240	1227	1233	1242	rBV	118669	185545	14.76%	1.822%
11	10.628	1292	1299	1307	rBB	156359	260589	20.74%	2.559%
12	10.769	1316	1323	1337	rBB	104358	176025	14.01%	1.728%
13	13.869	1845	1850	1855	rBV	239579	323039	25.70%	3.172%
14	13.916	1855	1858	1864	rVB	57002	71531	5.69%	0.702%
15	14.163	1894	1900	1908	rBV	300159	428192	34.07%	4.204%
16	14.469	1946	1952	1958	rBV2	256387	397563	31.64%	3.904%
17	14.663	1979	1985	1996	rBV	95449	149746	11.92%	1.470%
18	15.457	2114	2120	2127	rBV	408543	570443	45.39%	5.601%
19	15.581	2136	2141	2148	rBV	88686	120196	9.56%	1.180%
20	17.210	2412	2418	2426	rBV2	373449	534787	42.55%	5.251%
21	17.310	2429	2435	2442	rBV	457124	646546	51.45%	6.348%
22	18.081	2562	2566	2577	rBV6	38068	77549	6.17%	0.761%
23	19.357	2781	2783	2789	rBV3	16226	24266	1.93%	0.238%
24	19.504	2805	2808	2813	rVB2	44171	57372	4.57%	0.563%
25	19.604	2819	2825	2832	rBV	619163	830528	66.09%	8.155%
26	20.551	2984	2986	2990	rBV	31833	33933	2.70%	0.333%
27	21.392	3124	3129	3137	rBV	627208	795580	63.31%	7.812%
28	22.951	3391	3394	3399	rVB	76156	107032	8.52%	1.051%
29	23.563	3490	3498	3507	rVB	603734	1256717	100.00%	12.340%
30	23.716	3517	3524	3531	rVB2	488922	953809	75.90%	9.365%
31	24.968	3733	3737	3745	rVB	52135	114856	9.14%	1.128%
32	26.239	3945	3953	3964	rVB3	199108	592109	47.12%	5.814%

LSC Area Percent Report

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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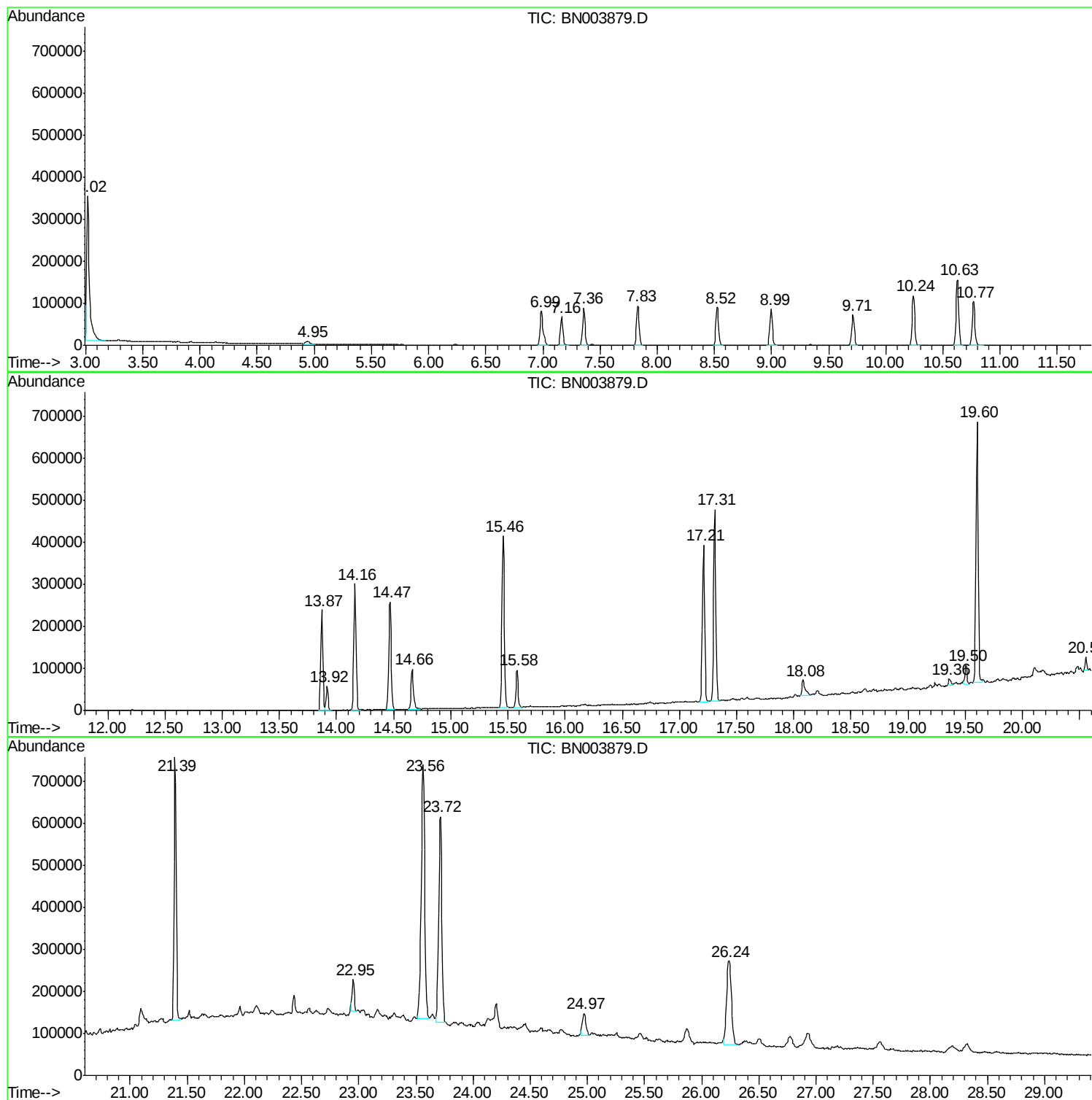
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



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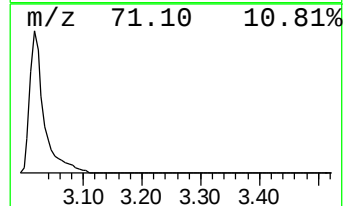
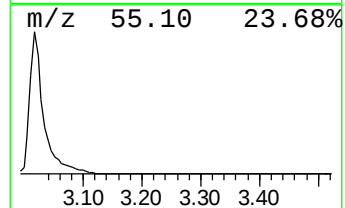
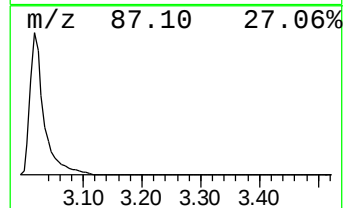
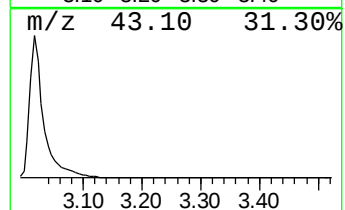
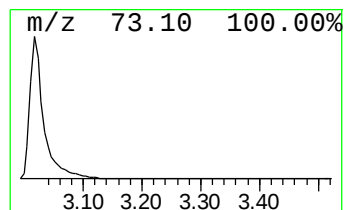
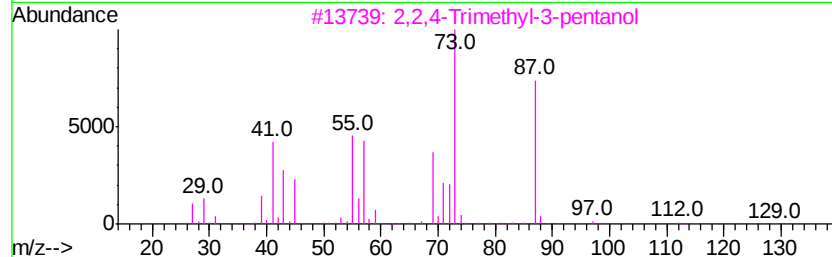
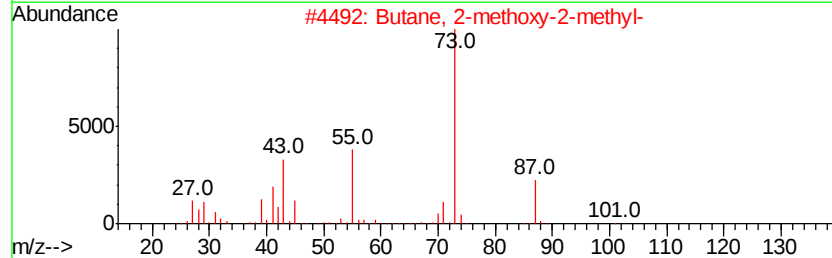
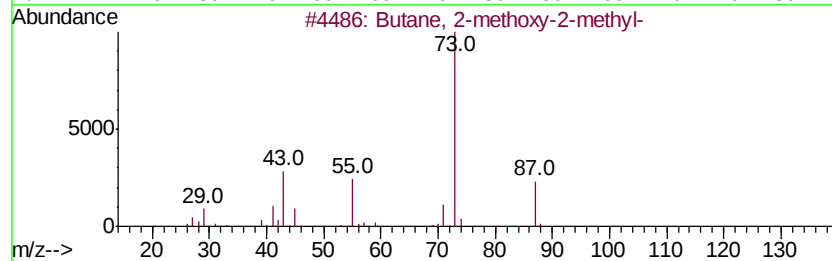
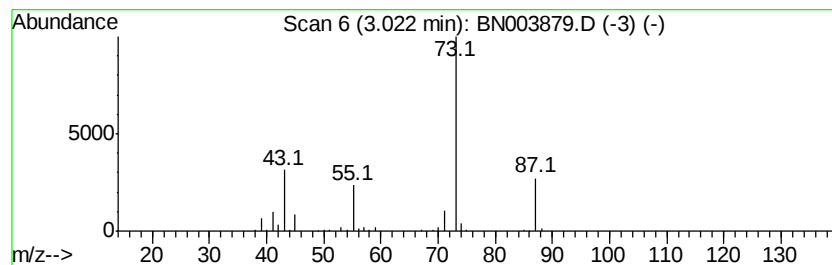
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	70.88 ng/ul	521738	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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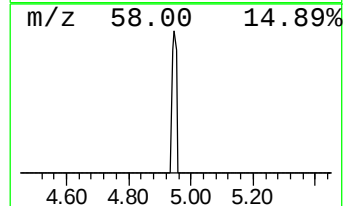
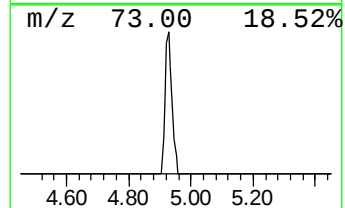
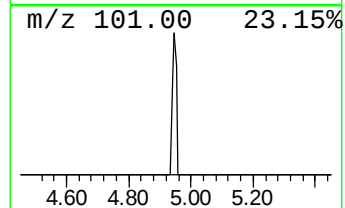
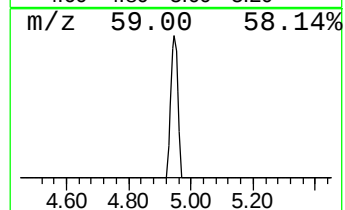
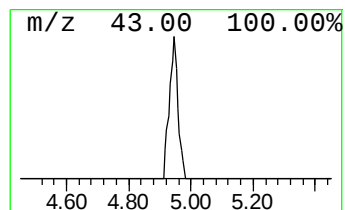
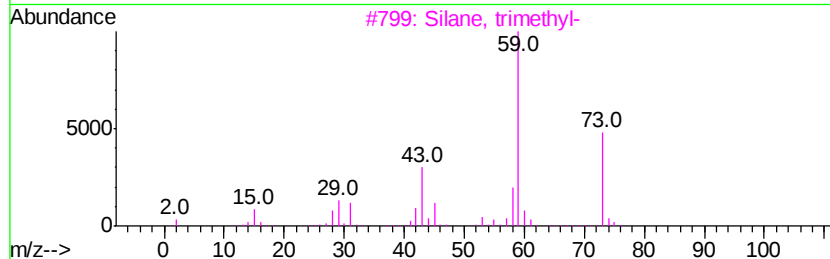
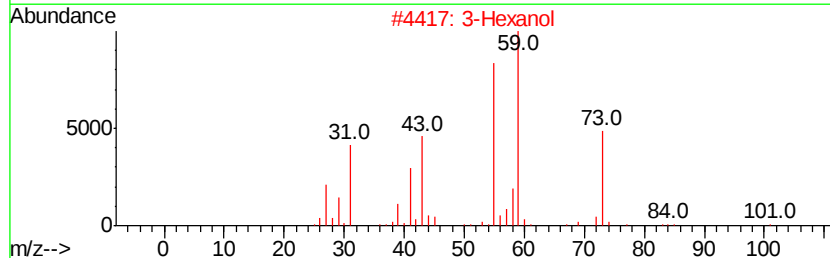
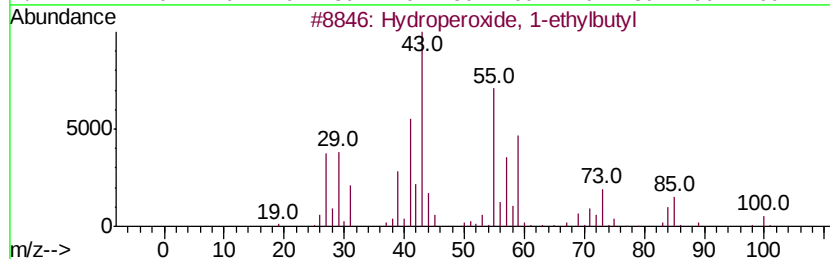
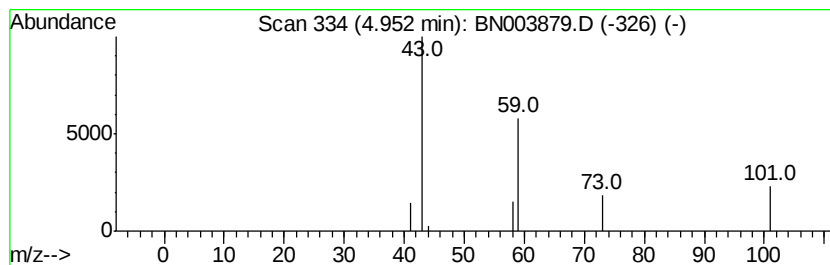
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	2.03 ng/ul	14945	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydroperoxide, 1-ethylbutyl	118	C6H14O2	024254-56-6	9
2		3-Hexanol	102	C6H14O	000623-37-0	9
3		Silane, trimethyl-	74	C3H10Si	000993-07-7	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
5		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	4



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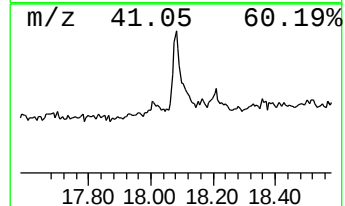
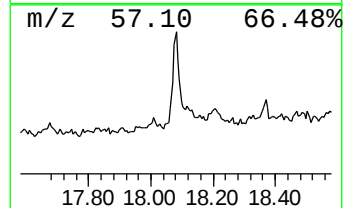
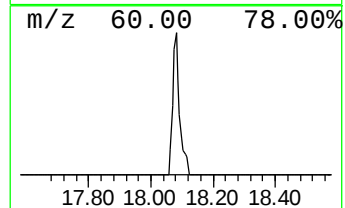
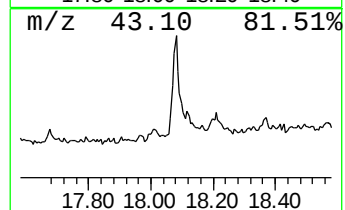
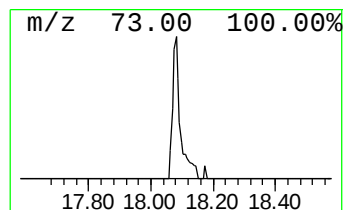
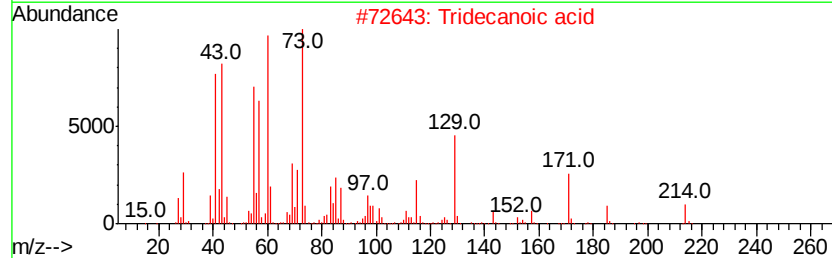
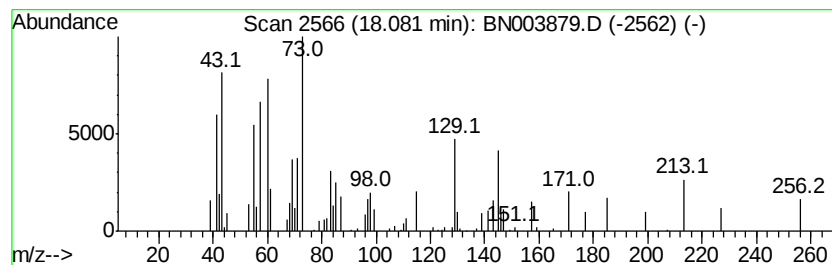
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.90 ng/ul	77549	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	58
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4		Tridecanoic acid	214	C13H26O2	000638-53-9	52
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	52



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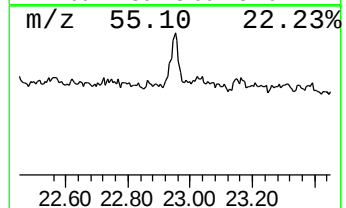
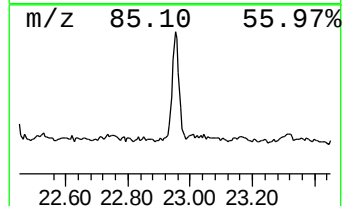
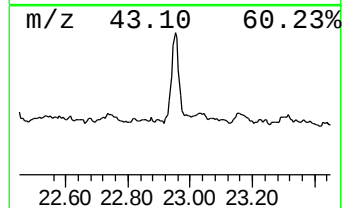
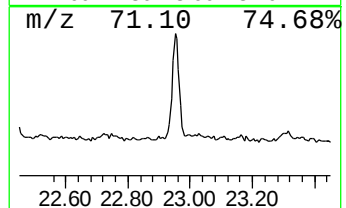
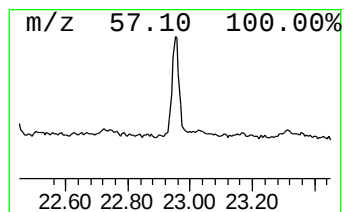
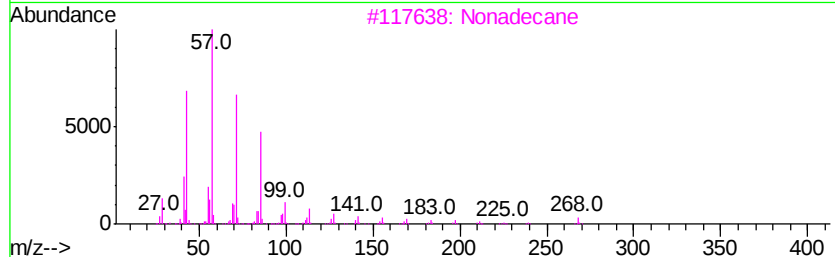
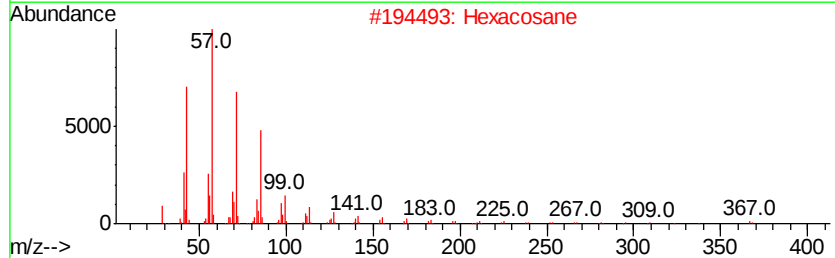
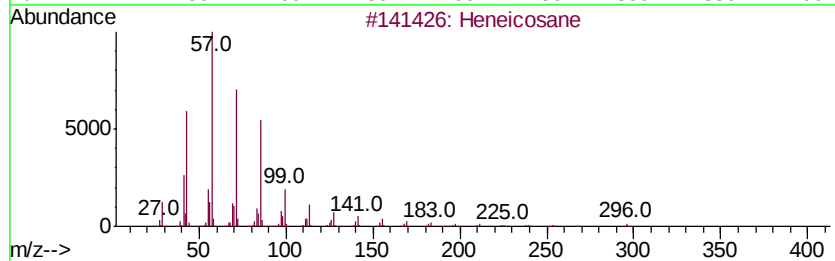
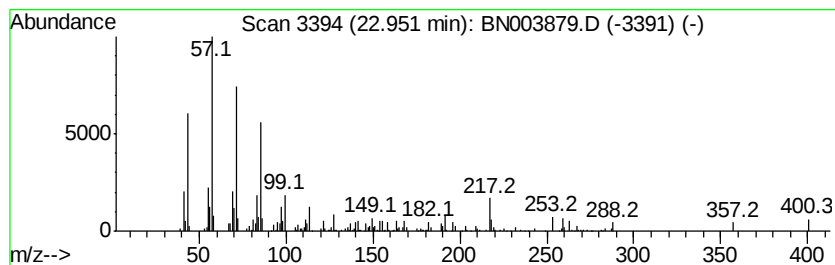
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	2.24 ng/ul	107032	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	81
2		Hexacosane	366	C26H54	000630-01-3	81
3		Nonadecane	268	C19H40	000629-92-5	81
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	74
5		Heptacosane	380	C27H56	000593-49-7	74



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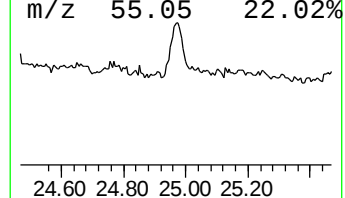
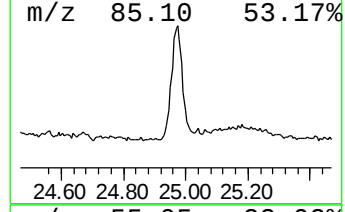
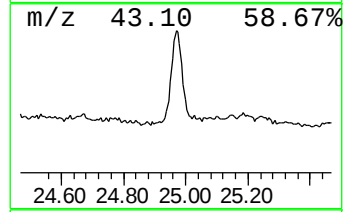
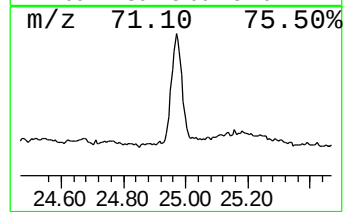
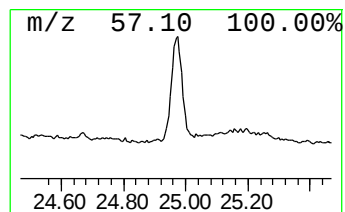
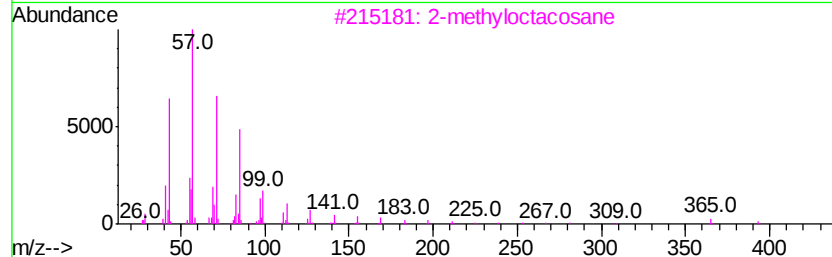
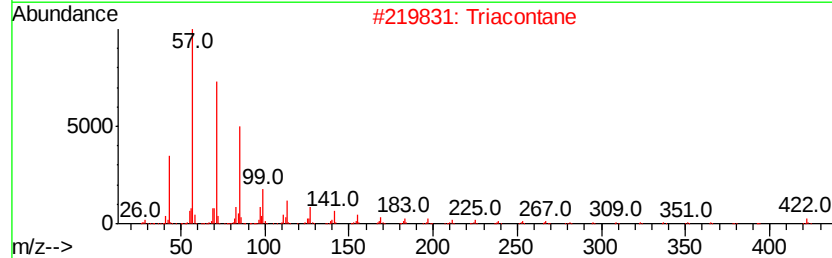
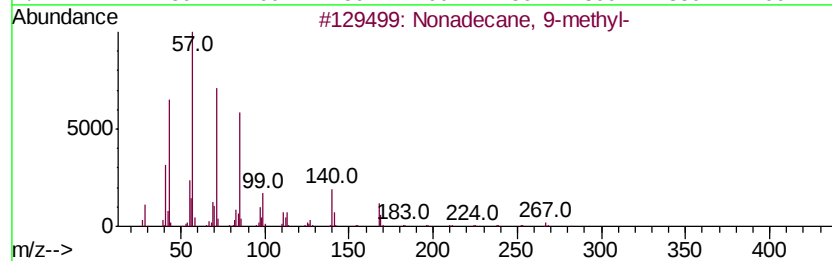
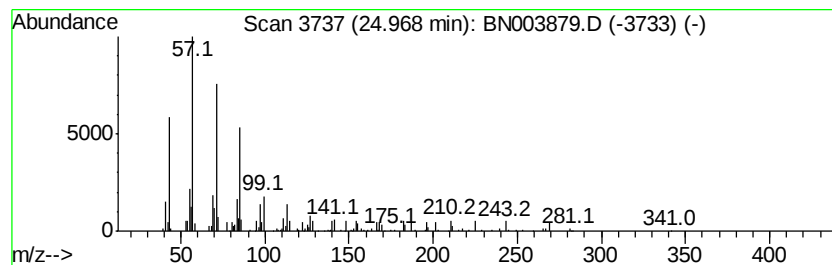
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	2.41 ng/ul	114856	Perylene-d12	23.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2		Triacontane	422	C30H62	000638-68-6	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Hexacosane	366	C26H54	000630-01-3	87



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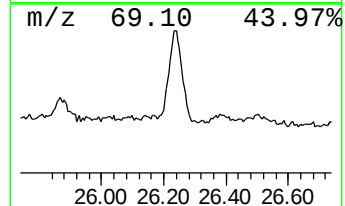
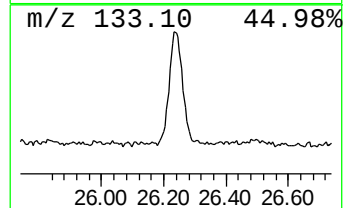
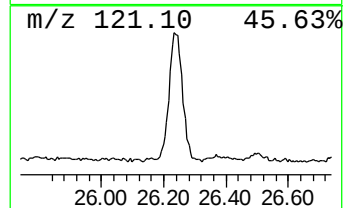
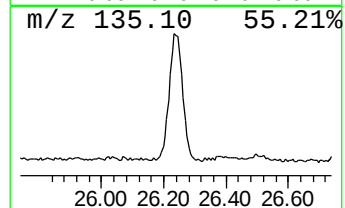
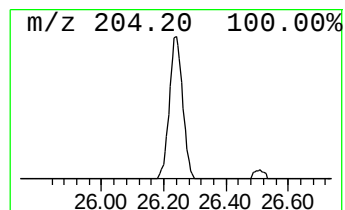
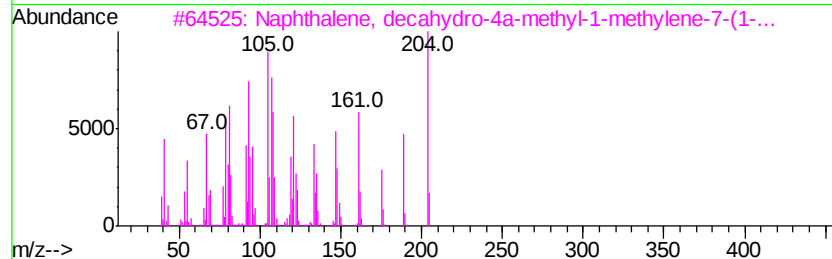
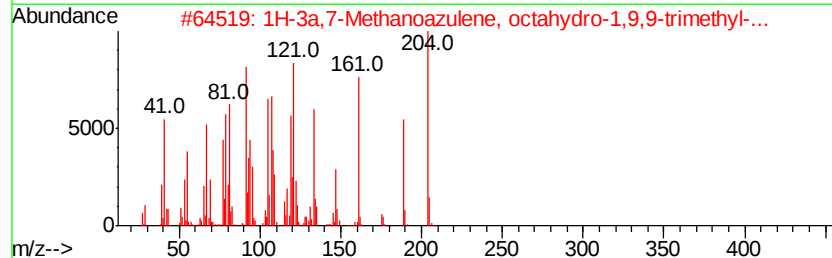
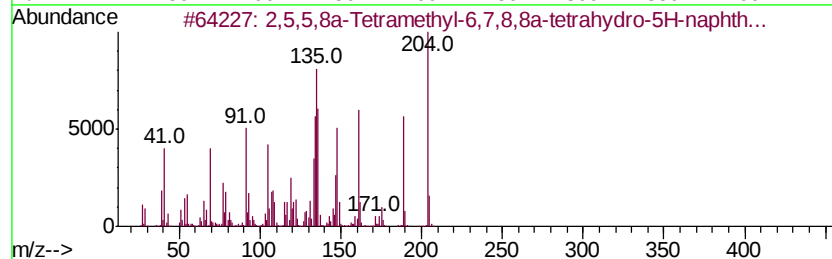
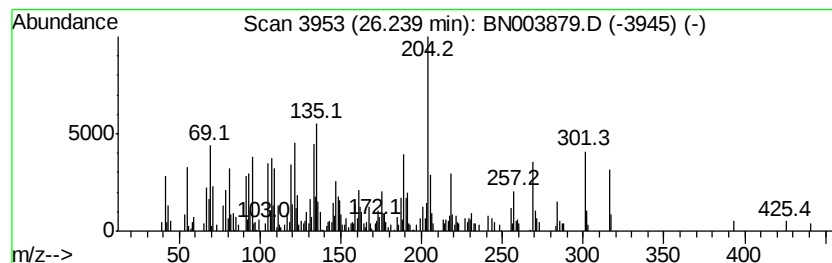
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2,5,5,8a-Tetramethyl-6,7,8,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.24	12.42 ng/ul	592109	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	53
2		1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	49
3		Naphthalene, decahydro-4a-methvl...	204	C15H24	017066-67-0	43
4		1,2,4,8-Tetramethylbicvclo[6.3.0...	204	C15H24	137235-51-9	42
5		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121218\
Data File : BN003879.D
Acq On : 13 Dec 2018 07:39
Operator : JU/SJ
Sample : J6228-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E79

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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
Butane, 2-methoxy...	3.02	70.9	ng/ul	521738	1	7.83	147225	20.0
unknown-01	4.95	2.0	ng/ul	14945	1	7.83	147225	20.0
n-Hexadecanoic acid	18.08	2.9	ng/ul	77549	4	17.21	534787	20.0
(DEL) Alkane: Str...	22.95	2.2	ng/ul	107032	6	23.72	953809	20.0
(DEL) Alkane: Str...	24.97	2.4	ng/ul	114856	6	23.72	953809	20.0
2,5,5,8a-Tetramet...	26.24	12.4	ng/ul	592109	6	23.72	953809	20.0