

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
 Data File : BN003862.D
 Acq On : 12 Dec 2018 21:44
 Operator : JU/SJ
 Sample : J6228-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E91

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	23	rVB	61363	91929	8.69%	1.204%
2	6.987	674	680	690	rBB2	64299	128712	12.17%	1.686%
3	7.163	705	710	720	rBB	56269	87586	8.28%	1.147%
4	7.358	738	743	750	rBB	67333	103645	9.80%	1.358%
5	7.834	818	824	830	rBB	65880	102121	9.65%	1.338%
6	8.528	936	942	951	rBB	87705	139269	13.17%	1.824%
7	8.999	1016	1022	1029	rBB	71011	115118	10.88%	1.508%
8	9.710	1138	1143	1150	rBB	58961	91851	8.68%	1.203%
9	10.240	1228	1233	1242	rBV	90896	145917	13.79%	1.911%
10	10.628	1292	1299	1307	rBB	114209	184659	17.46%	2.419%
11	10.769	1316	1323	1335	rBV	102459	169353	16.01%	2.218%
12	13.869	1845	1850	1855	rBV	222828	305933	28.92%	4.007%
13	13.916	1855	1858	1864	rVB	62179	78139	7.39%	1.024%
14	14.163	1893	1900	1906	rBV	254591	363849	34.40%	4.766%
15	14.463	1945	1951	1959	rBV2	193022	291382	27.55%	3.817%
16	14.663	1979	1985	1998	rBV	85885	133725	12.64%	1.752%
17	15.457	2114	2120	2129	rBV	360223	488809	46.21%	6.403%
18	15.581	2136	2141	2146	rBV	98730	126624	11.97%	1.659%
19	17.210	2412	2418	2425	rVB	293363	390752	36.94%	5.118%
20	17.310	2429	2435	2447	rVV	431861	564625	53.38%	7.396%
21	18.081	2561	2566	2576	rBV	48251	65483	6.19%	0.858%
22	19.363	2779	2784	2797	rBV	36579	55035	5.20%	0.721%
23	19.604	2819	2825	2833	rVB	565243	736325	69.61%	9.645%
24	21.104	3073	3080	3081	rBV4	8595	15920	1.50%	0.209%
25	21.392	3124	3129	3136	rBV	484422	580783	54.90%	7.607%
26	22.433	3301	3306	3312	rBV	21030	27248	2.58%	0.357%
27	22.951	3389	3394	3400	rVB	34755	50626	4.79%	0.663%
28	23.563	3488	3498	3509	rVB	531630	1057825	100.00%	13.856%
29	23.710	3515	3523	3534	rVB2	355074	670652	63.40%	8.785%
30	24.198	3600	3606	3613	rBV2	40907	76772	7.26%	1.006%
31	24.968	3730	3737	3744	rBV	35731	77755	7.35%	1.018%
32	25.868	3883	3890	3899	rVB	23400	60918	5.76%	0.798%
33	26.927	4065	4070	4081	rVB2	20590	55085	5.21%	0.722%

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

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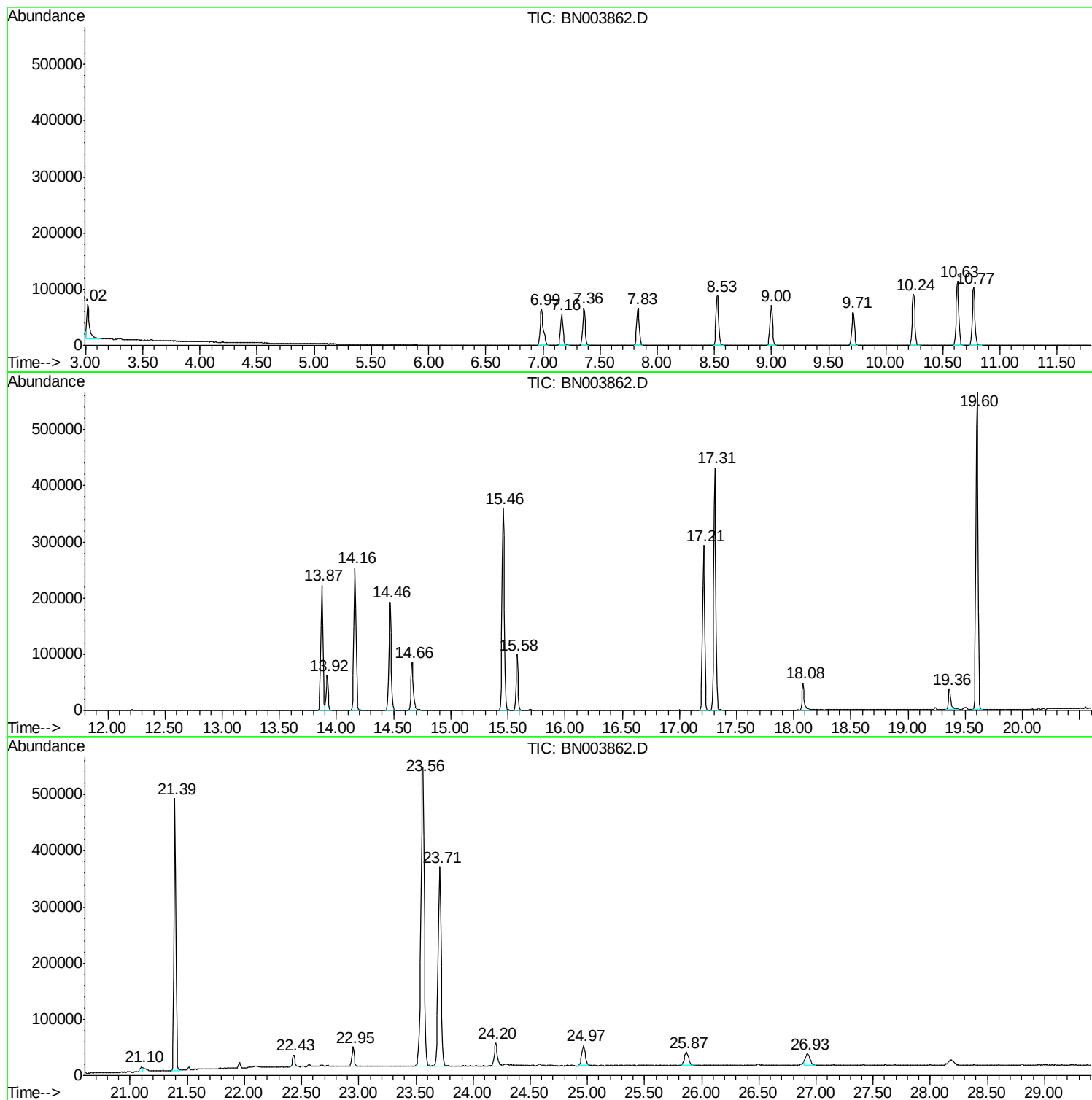
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



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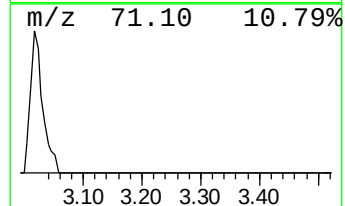
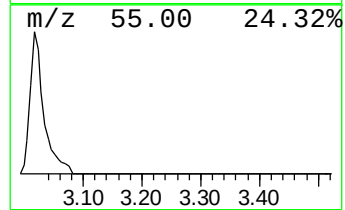
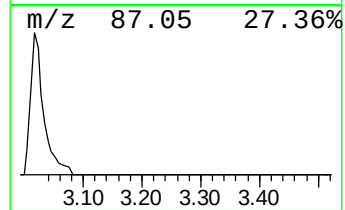
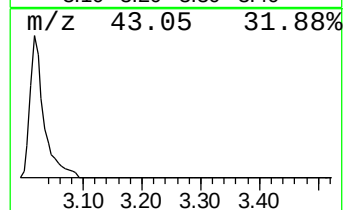
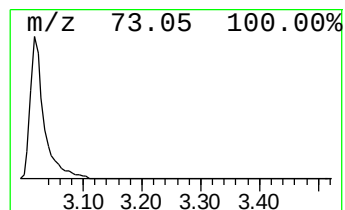
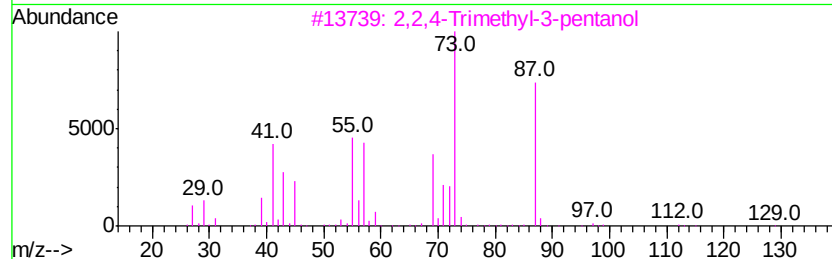
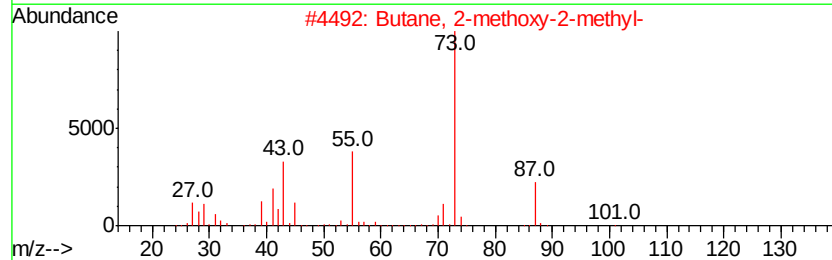
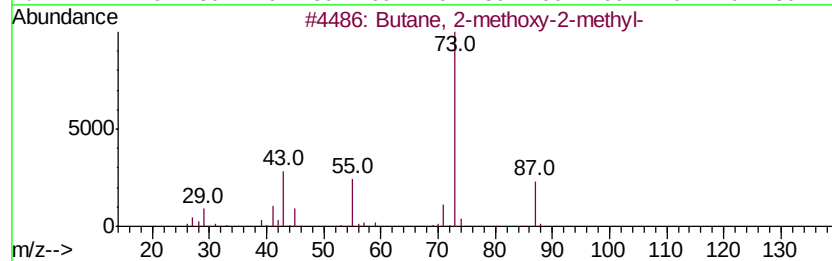
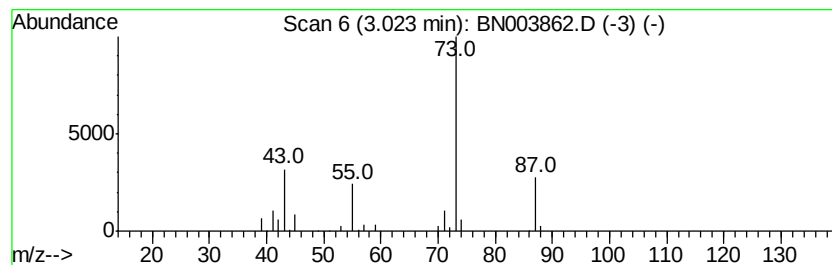
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	18.00 ng/ul	91929	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	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23



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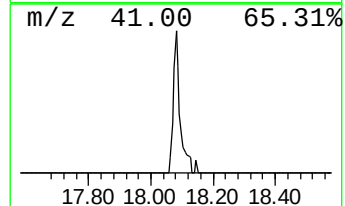
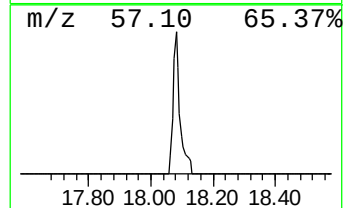
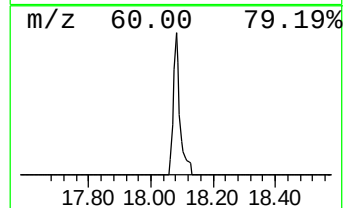
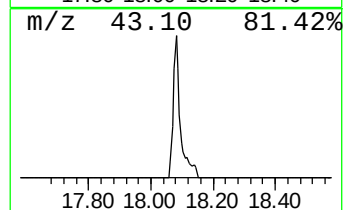
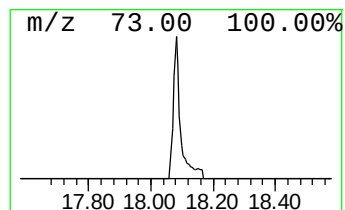
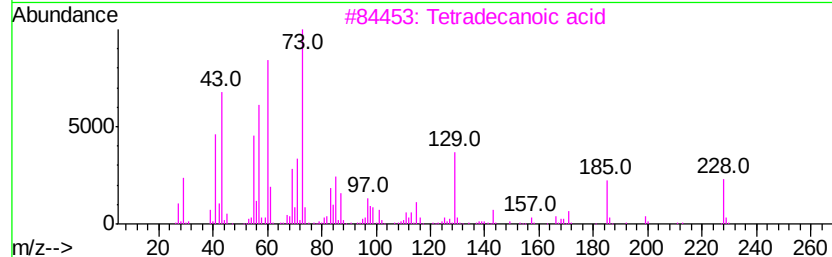
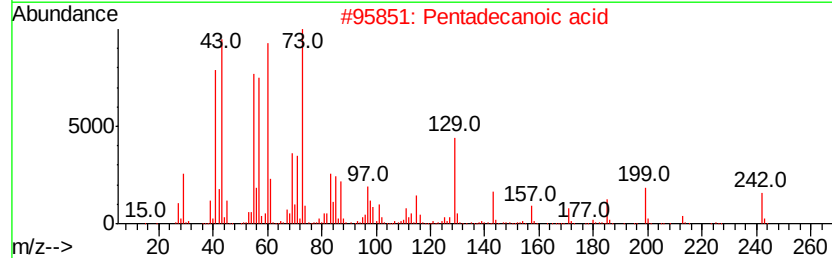
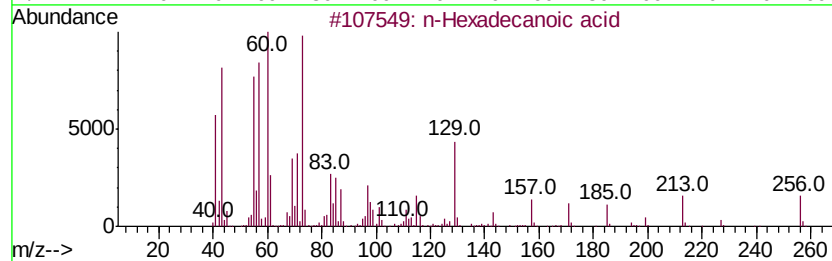
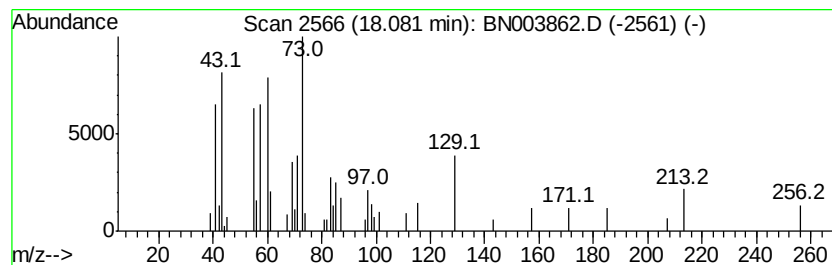
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.08	3.35 ng/ul	65483	Phenanthrene-d10		17.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	64
4	Decanoic acid, silver(1+) salt		278	C10H19AgO2	013126-67-5	58
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	58



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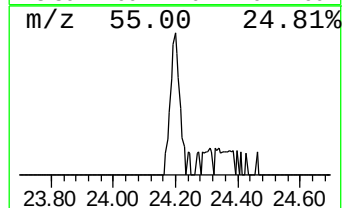
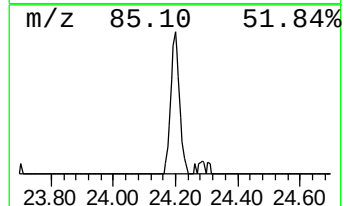
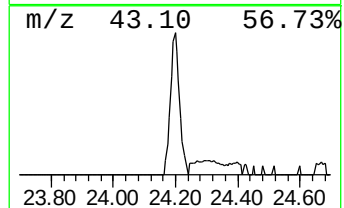
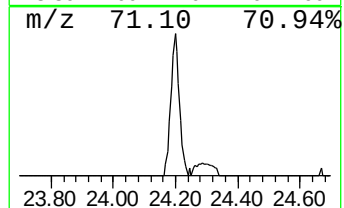
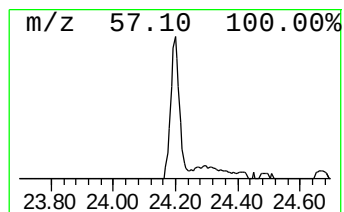
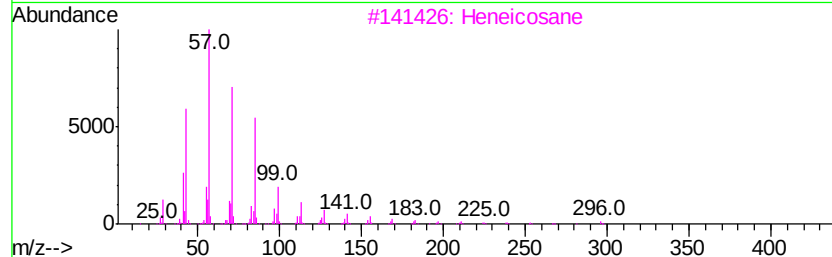
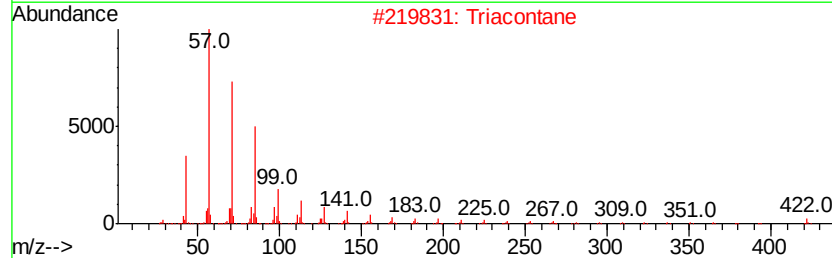
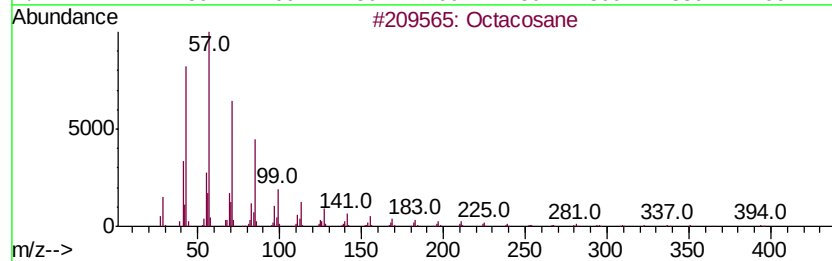
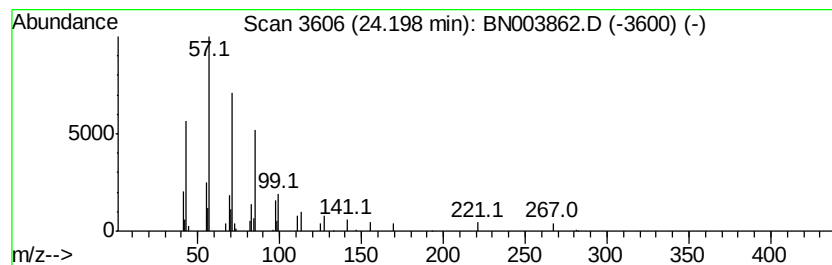
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	2.29 ng/ul	76772	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Triacotane	422	C30H62	000638-68-6	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



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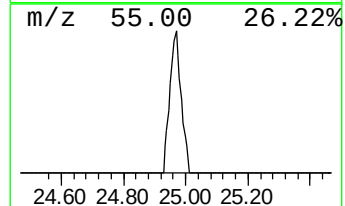
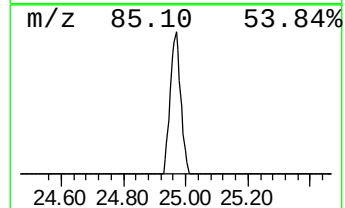
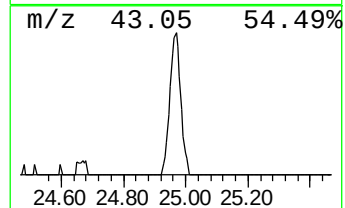
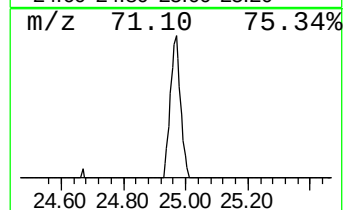
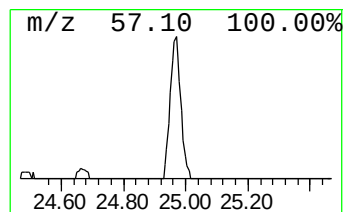
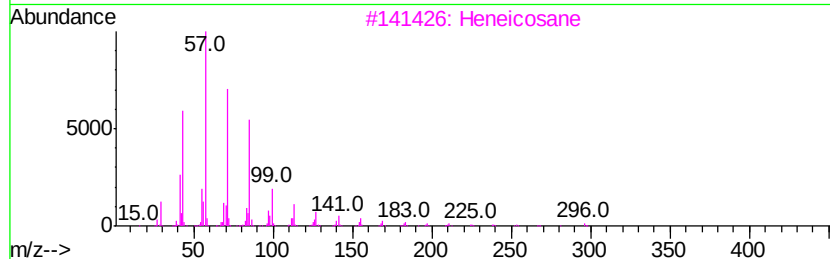
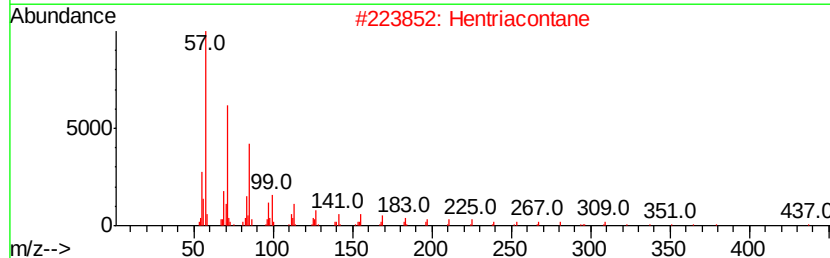
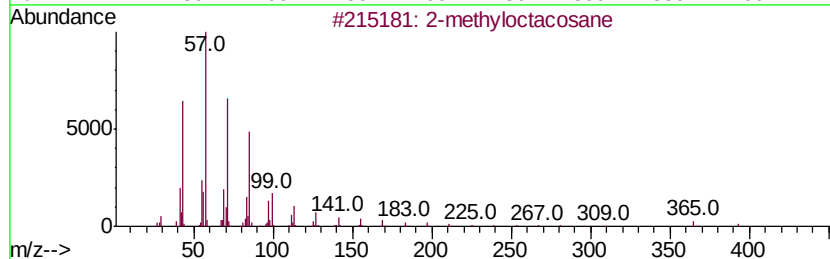
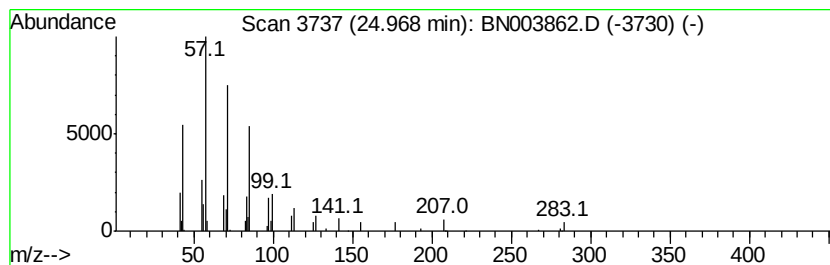
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	2.32 ng/ul	77755	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	87
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Pentacosane	352	C25H52	000629-99-2	87
5		2-methyltetracosane	352	C25H52	1000376-72-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	18.0	ng/ul	91929	1	7.83	102121	20.0
n-Hexadecanoic acid	18.08	3.4	ng/ul	65483	4	17.21	390752	20.0
(DEL) Alkane: Str...	24.20	2.3	ng/ul	76772	6	23.71	670652	20.0
(DEL) Alkane: Str...	24.97	2.3	ng/ul	77755	6	23.71	670652	20.0