

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
 Data File : BN003859.D
 Acq On : 12 Dec 2018 19:59
 Operator : JU/SJ
 Sample : J6228-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E89

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	21	rVB	70556	108983	7.38%	1.111%
2	6.987	674	680	690	rBV2	92127	177913	12.05%	1.814%
3	7.163	705	710	720	rBB	78499	118870	8.05%	1.212%
4	7.357	738	743	750	rBB	94645	145620	9.86%	1.485%
5	7.834	818	824	830	rBV	69012	105993	7.18%	1.081%
6	8.528	936	942	952	rBB	120994	189454	12.83%	1.931%
7	8.999	1016	1022	1030	rBB	99870	160011	10.84%	1.631%
8	9.716	1138	1144	1150	rBB	84573	132185	8.95%	1.348%
9	10.240	1227	1233	1243	rBV	135712	210920	14.29%	2.150%
10	10.628	1292	1299	1307	rBB	116511	189396	12.83%	1.931%
11	10.769	1316	1323	1336	rBB	139570	234922	15.91%	2.395%
12	13.875	1845	1851	1855	rBV	309900	427957	28.99%	4.363%
13	13.916	1855	1858	1864	rVB	113140	145786	9.87%	1.486%
14	14.163	1893	1900	1906	rBV	360798	504953	34.20%	5.148%
15	14.469	1946	1952	1959	rVB2	190854	292735	19.83%	2.984%
16	14.663	1979	1985	1999	rVB	140716	208872	14.15%	2.129%
17	15.457	2114	2120	2130	rBV	481848	675589	45.76%	6.887%
18	15.581	2136	2141	2146	rBV	153261	203508	13.78%	2.075%
19	17.210	2412	2418	2426	rBV	284795	390681	26.46%	3.983%
20	17.310	2429	2435	2449	rBV2	572750	780077	52.84%	7.952%
21	18.080	2561	2566	2575	rBV	45786	61354	4.16%	0.625%
22	19.357	2779	2783	2793	rBV	23539	37585	2.55%	0.383%
23	19.504	2802	2808	2816	rVB2	20408	27309	1.85%	0.278%
24	19.604	2818	2825	2834	rVB	775575	1040820	70.50%	10.611%
25	20.551	2982	2986	2990	rBV	14524	16361	1.11%	0.167%
26	21.098	3072	3079	3095	rBV6	18052	73750	5.00%	0.752%
27	21.392	3124	3129	3138	rBV	500720	596389	40.40%	6.080%
28	21.957	3222	3225	3230	rVB	12901	14803	1.00%	0.151%
29	22.433	3302	3306	3311	rBV	22093	28978	1.96%	0.295%
30	22.951	3389	3394	3402	rVB2	37414	58469	3.96%	0.596%
31	23.563	3488	3498	3508	rVB	770497	1476386	100.00%	15.051%
32	23.710	3515	3523	3531	rVB2	351282	689398	46.69%	7.028%
33	24.198	3600	3606	3613	rBV	42245	77430	5.24%	0.789%
34	24.968	3731	3737	3745	rVB	36662	76938	5.21%	0.784%

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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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Integration Parameters: LSCINT.P

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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35	25.868	3884	3890	3901	rvB2	24354	64996	4.40%	0.663%
36	26.927	4065	4070	4084	rvB3	21796	63917	4.33%	0.652%

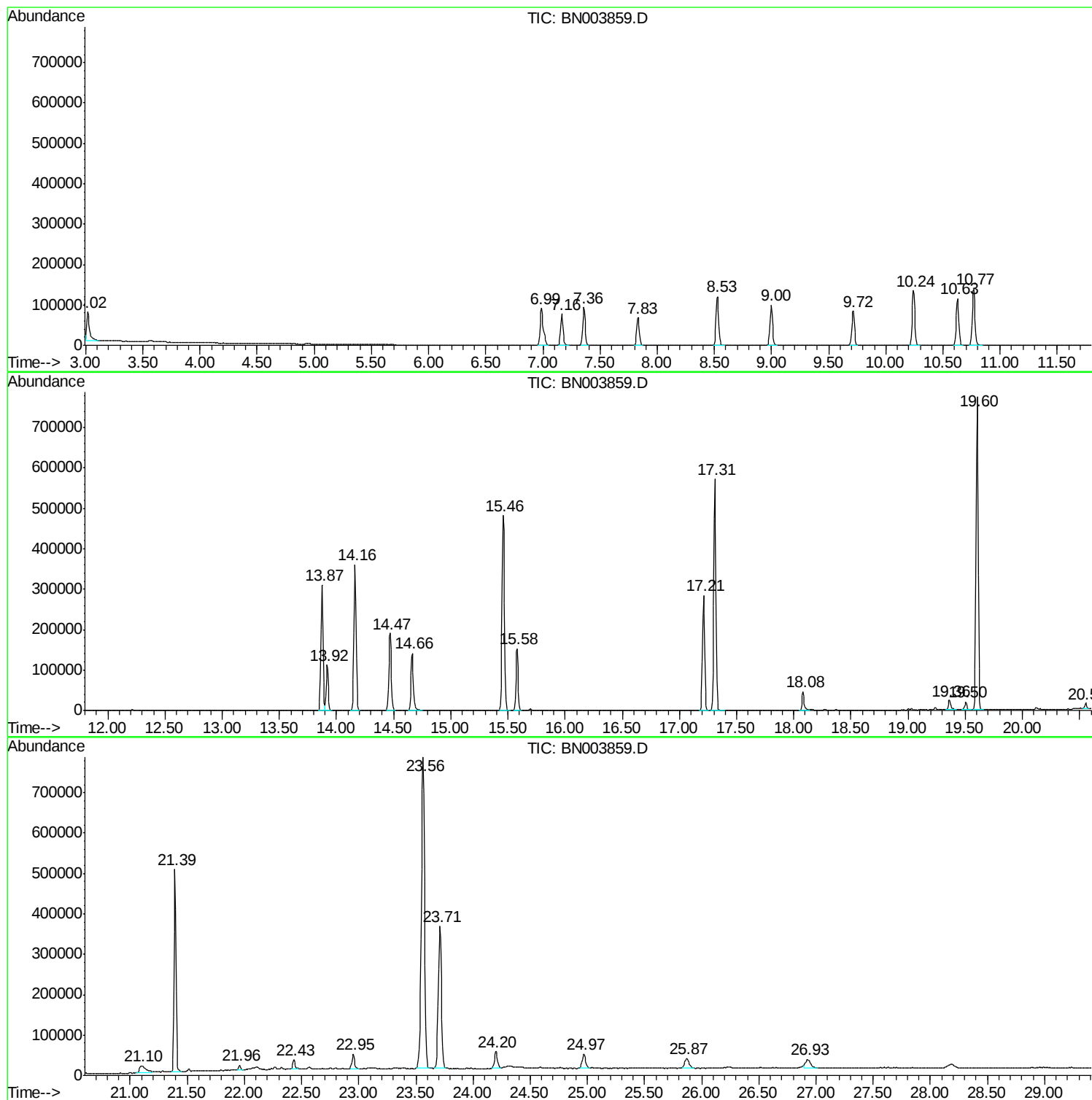
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Quant Title : SVOA CALIBRATION

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



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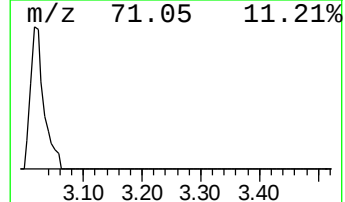
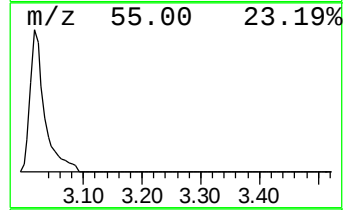
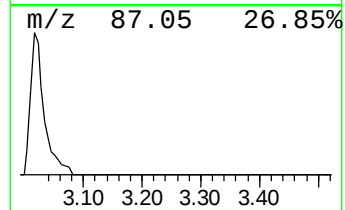
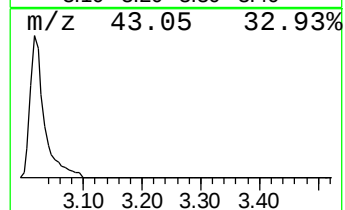
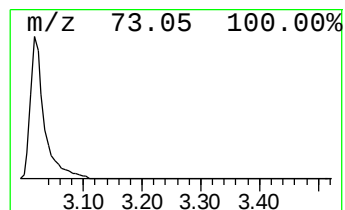
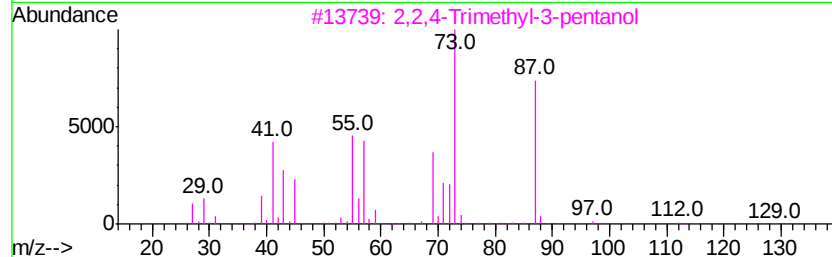
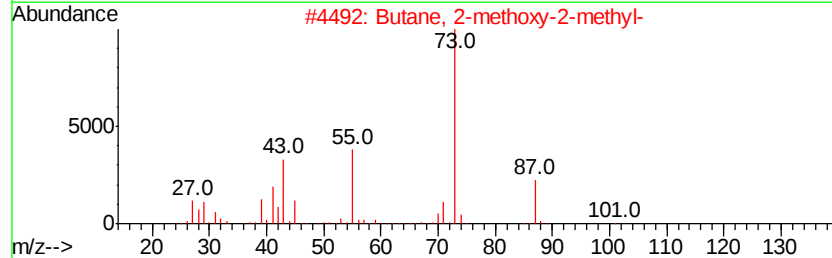
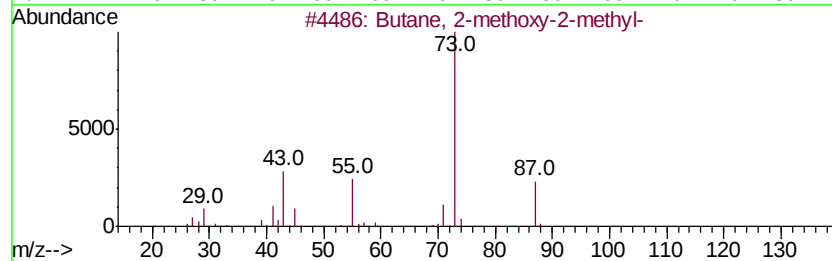
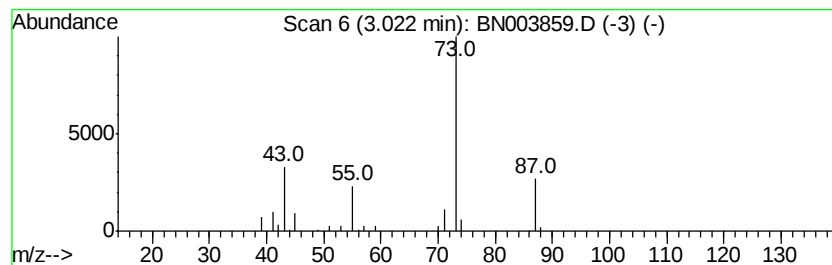
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	20.56 ng/ul	108983	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	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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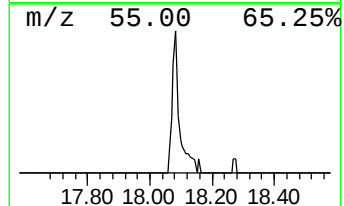
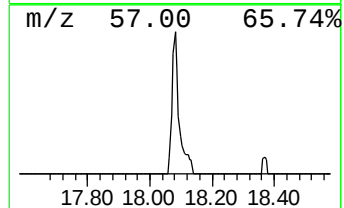
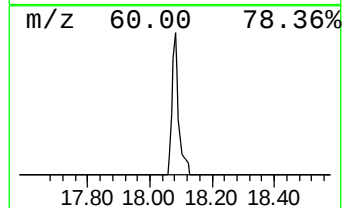
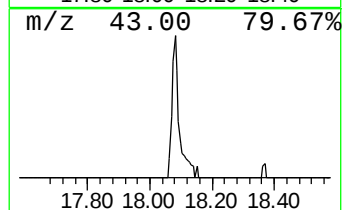
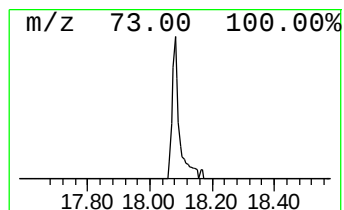
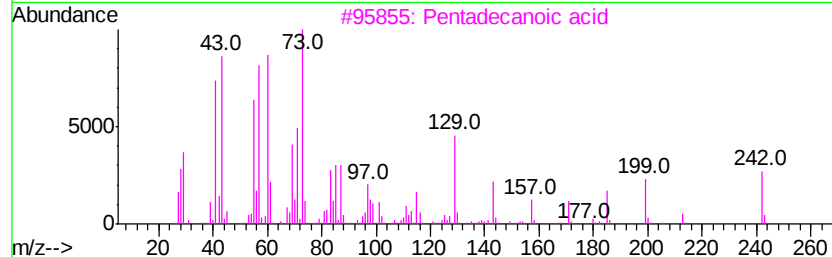
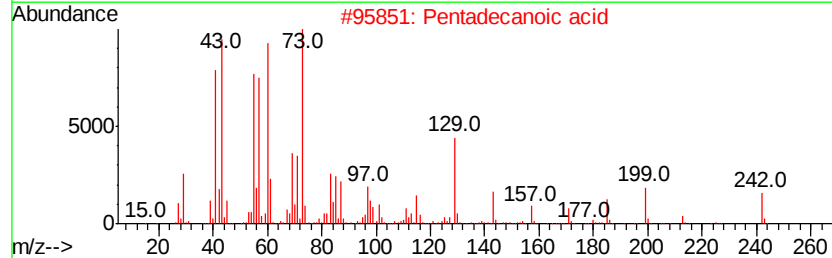
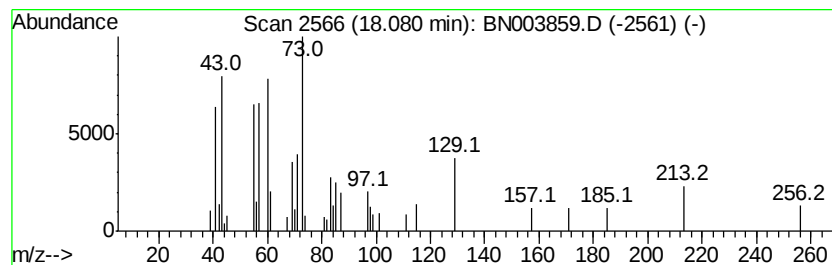
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.14 ng/ul	61354	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	87	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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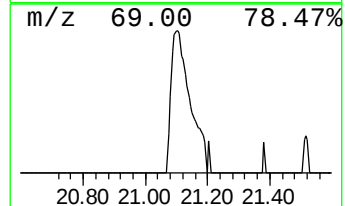
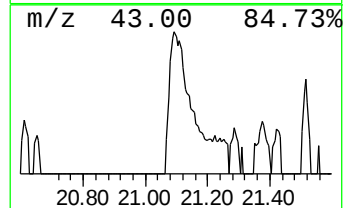
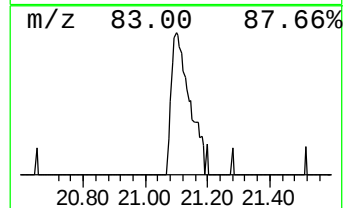
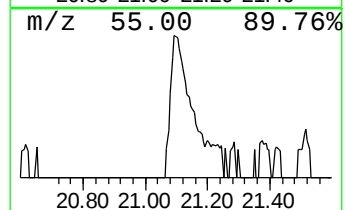
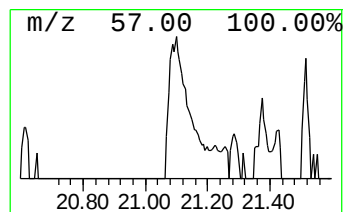
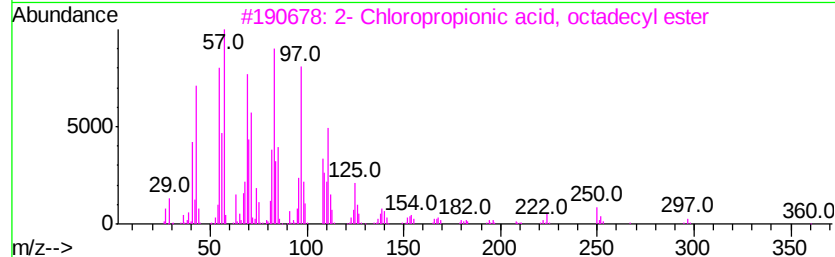
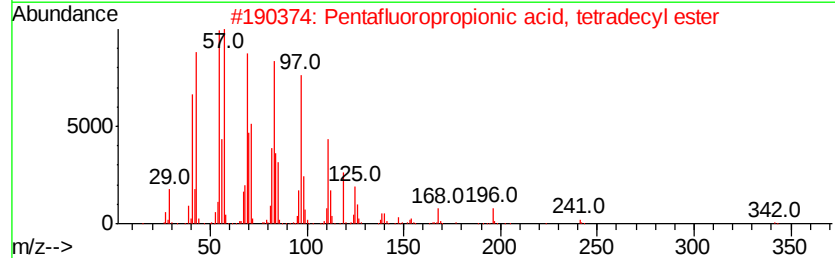
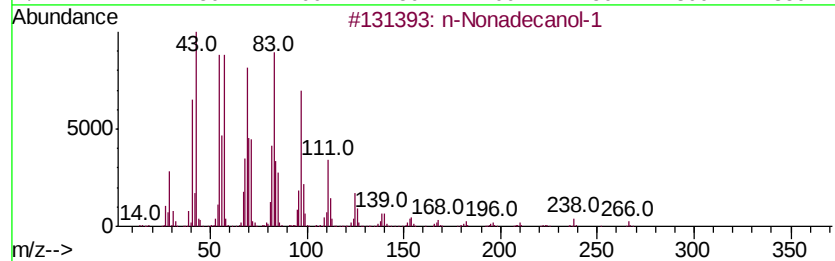
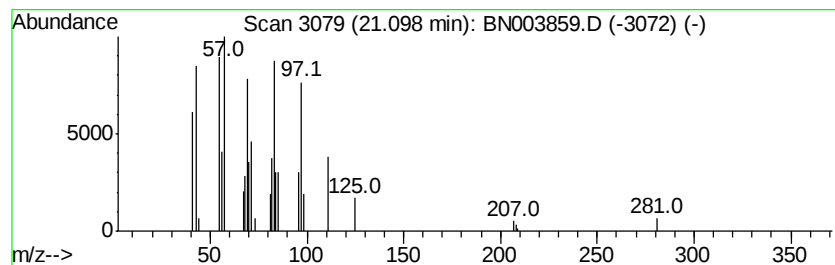
Instrument :
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.10	2.47 ng/ul	73750	Chrysene-d12	21.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1		284	C19H40O	001454-84-8	94
2	Pentafluoropropionic acid, tetra...		360	C17H29F5O2	006222-06-6	91
3	2- Chloropropionic acid, octadec...		360	C21H41ClO2	088104-31-8	91
4	Acetic acid, chloro-, octadecyl ...		346	C20H39ClO2	005348-82-3	91
5	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91



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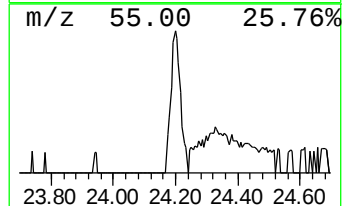
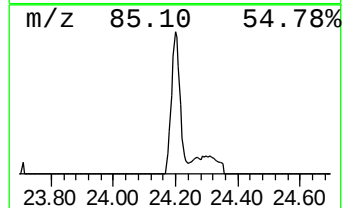
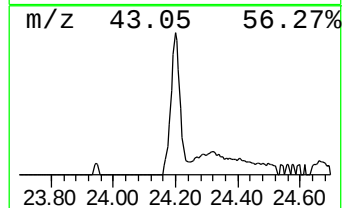
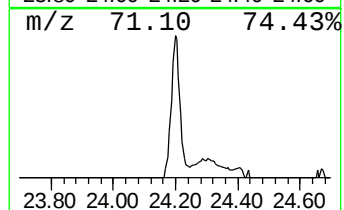
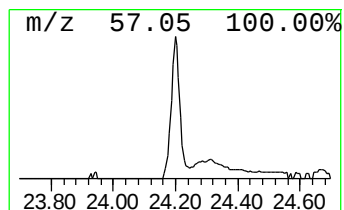
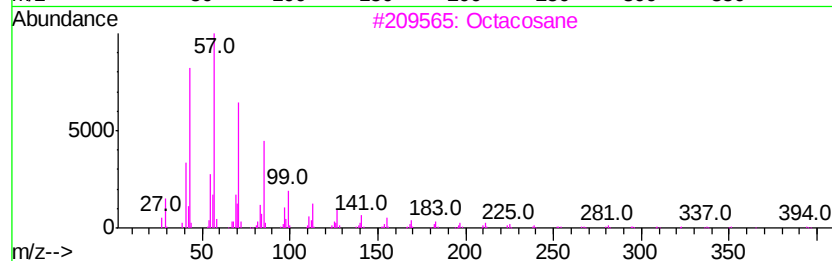
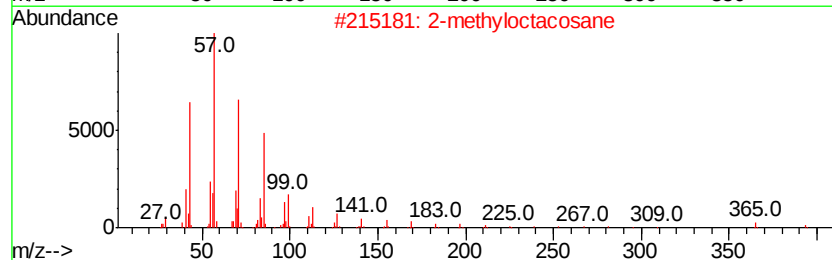
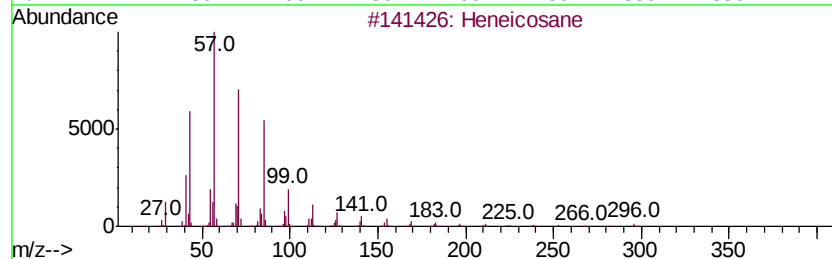
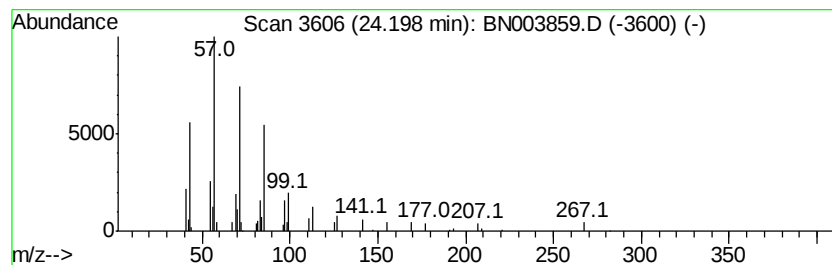
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	2.25 ng/ul	77430	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Triacontane	422	C30H62	000638-68-6	87



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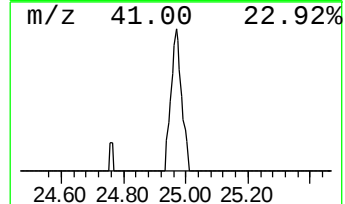
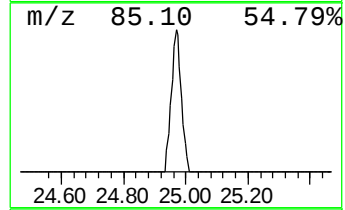
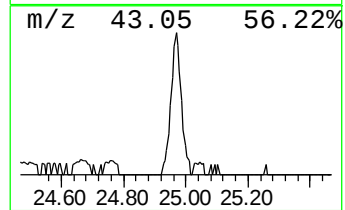
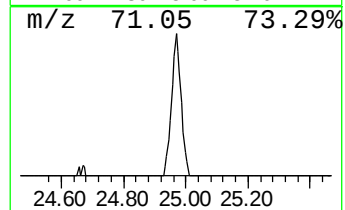
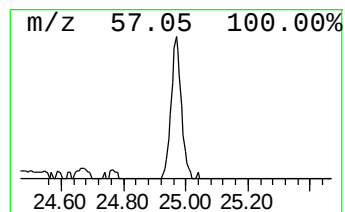
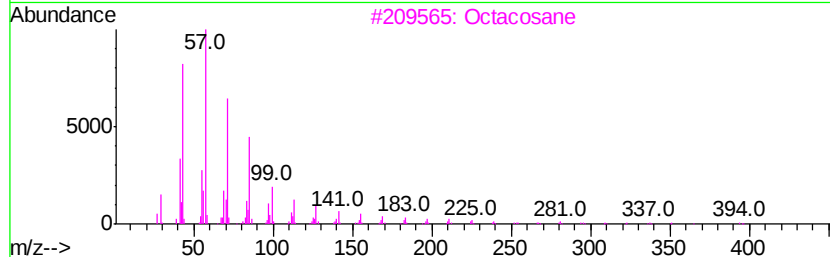
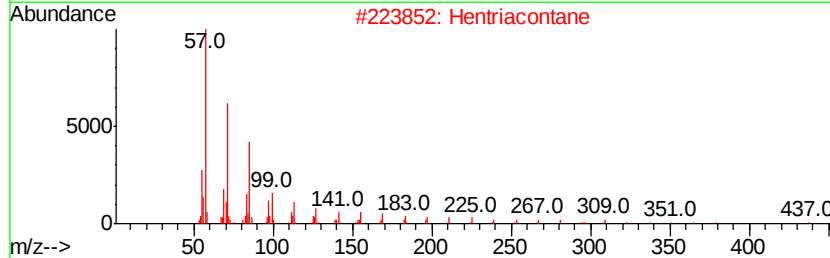
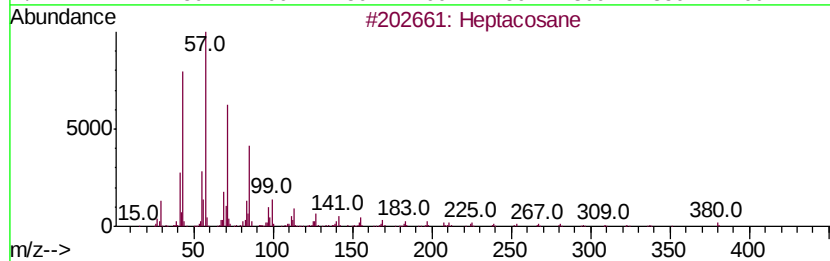
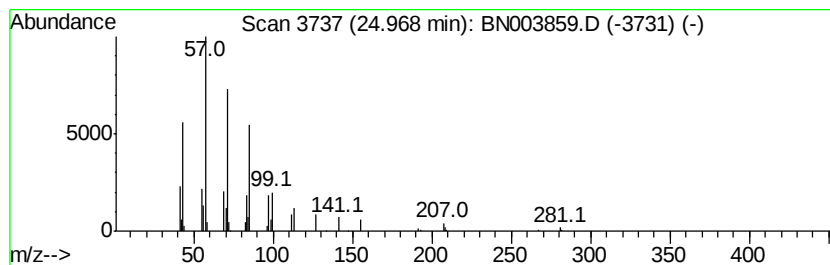
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	2.23 ng/ul	76938	Perylene-d12	23.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Octacosane	394	C28H58	000630-02-4	91



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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	20.6	ng/ul	108983	1	7.83	105993	20.0
n-Hexadecanoic acid	18.08	3.1	ng/ul	61354	4	17.21	390681	20.0
n-Nonadecanol-1	21.10	2.5	ng/ul	73750	5	21.39	596389	20.0
(DEL) Alkane: Str...	24.20	2.3	ng/ul	77430	6	23.71	689398	20.0
(DEL) Alkane: Str...	24.97	2.2	ng/ul	76938	6	23.71	689398	20.0