

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
 Data File : BN003235.D
 Acq On : 20 Oct 2018 07:57
 Operator : MJ/SJ
 Sample : J5567-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ2

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-BN101918MA.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	6.816	644	651	664	rBV2	148649	342513	16.02%	1.470%
2	6.952	668	674	687	rBV	149552	237595	11.11%	1.020%
3	7.152	702	708	719	rBV	183510	311496	14.57%	1.337%
4	7.604	777	785	794	rBV	313099	518244	24.24%	2.224%
5	8.334	903	909	924	rBV	214970	404714	18.93%	1.737%
6	8.763	975	982	998	rBV	173732	310748	14.53%	1.334%
7	9.475	1095	1103	1113	rBV	144025	263672	12.33%	1.132%
8	10.028	1191	1197	1211	rBV	197162	424526	19.86%	1.822%
9	10.375	1249	1256	1266	rBV	526825	880681	41.19%	3.780%
10	10.534	1276	1283	1298	rBV	188662	397801	18.61%	1.707%
11	13.145	1720	1727	1734	rVB	72368	119563	5.59%	0.513%
12	13.663	1809	1815	1820	rBV	475046	682351	31.92%	2.928%
13	13.710	1820	1823	1831	rVB	66406	95391	4.46%	0.409%
14	13.939	1855	1862	1873	rBV	594439	899944	42.09%	3.862%
15	14.245	1908	1914	1928	rVB2	822159	1287702	60.23%	5.526%
16	14.539	1958	1964	1981	rBV2	70271	241511	11.30%	1.036%
17	15.245	2075	2084	2096	rVB	748916	1152695	53.92%	4.947%
18	15.410	2104	2112	2123	rBV2	163896	311921	14.59%	1.339%
19	16.422	2279	2284	2289	rBV2	31031	44058	2.06%	0.189%
20	17.004	2377	2383	2391	rBV	1120459	1581690	73.98%	6.788%
21	17.104	2394	2400	2410	rVB2	850525	1258862	58.88%	5.402%
22	17.792	2511	2517	2524	rBV6	26223	63116	2.95%	0.271%
23	17.910	2531	2537	2554	rBV	663818	998205	46.69%	4.284%
24	18.580	2647	2651	2658	rBV8	13573	25561	1.20%	0.110%
25	18.833	2691	2694	2702	rVB7	13363	21792	1.02%	0.094%
26	19.045	2727	2730	2732	rBV	25688	29549	1.38%	0.127%
27	19.080	2732	2736	2748	rVB3	94520	207203	9.69%	0.889%
28	19.192	2752	2755	2762	rBV2	50334	74418	3.48%	0.319%
29	19.410	2786	2792	2803	rVB	1073732	1542829	72.16%	6.621%
30	19.957	2882	2885	2889	rVB	44866	52891	2.47%	0.227%
31	20.057	2899	2902	2906	rBV5	13589	21760	1.02%	0.093%
32	20.457	2966	2970	2974	rBV	56335	64882	3.03%	0.278%
33	20.921	3046	3049	3059	rBV3	73954	136057	6.36%	0.584%
34	21.215	3093	3099	3108	rVB	1486201	2079742	97.28%	8.925%

LSC Area Percent Report

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35	21.357	3120	3123	3127	rVB	85342	100504	4.70%	0.431%
36	21.786	3193	3196	3201	rVB	111367	124410	5.82%	0.534%
37	22.239	3269	3273	3279	rVB	156797	197710	9.25%	0.848%
38	22.362	3290	3294	3299	rVB	198013	260481	12.18%	1.118%
39	22.733	3353	3357	3361	rVB	149627	198513	9.29%	0.852%
40	23.280	3444	3450	3463	rVB	998304	1820286	85.14%	7.812%
41	23.421	3467	3474	3490	rBV2	1028998	2137954	100.00%	9.175%
42	23.898	3551	3555	3564	rVB2	145912	274663	12.85%	1.179%
43	24.645	3673	3682	3701	rVB6	255765	1101277	51.51%	4.726%

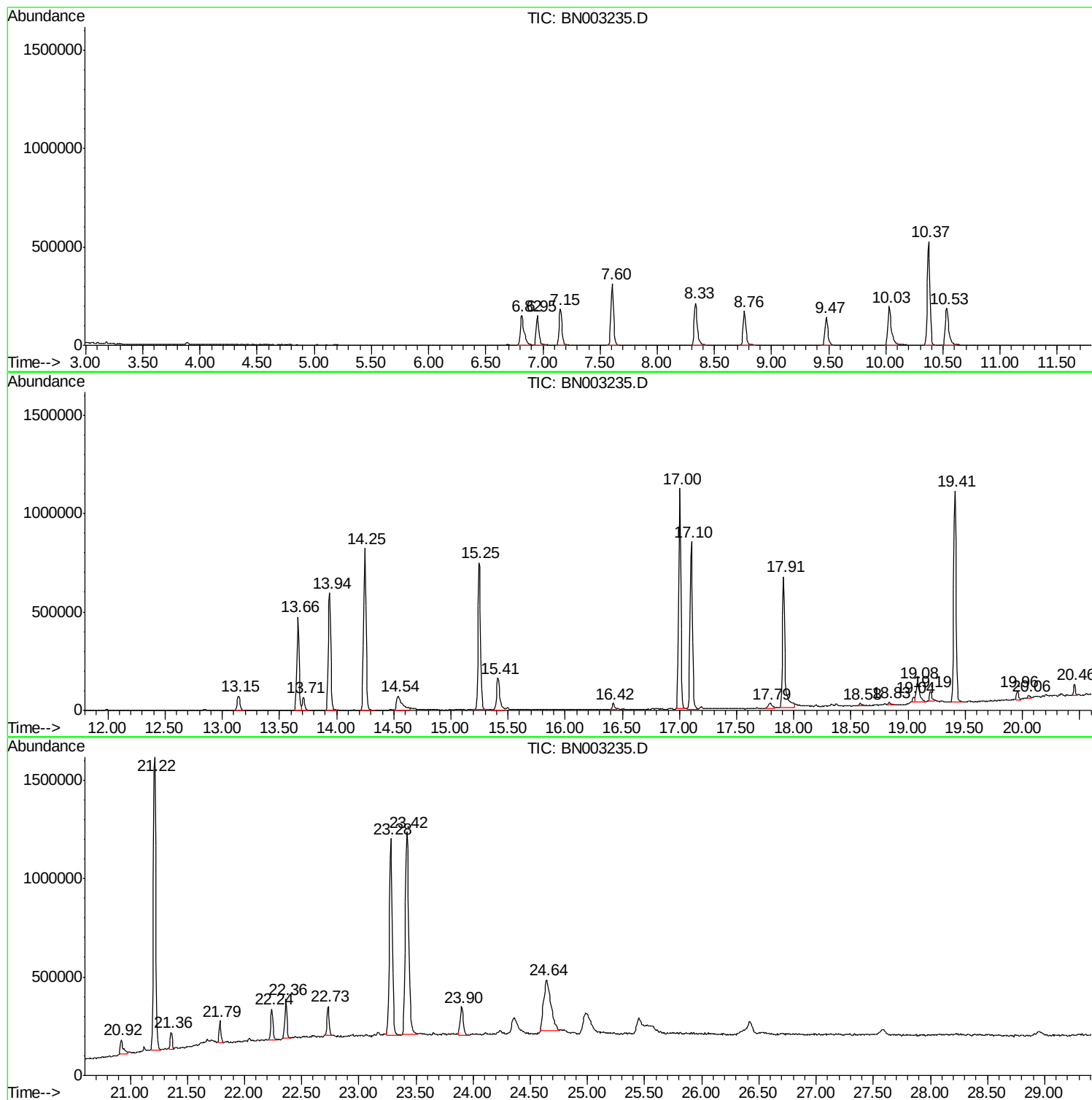
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION

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



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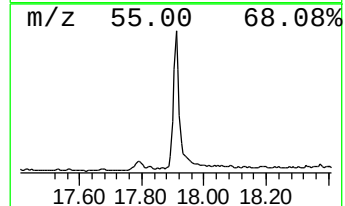
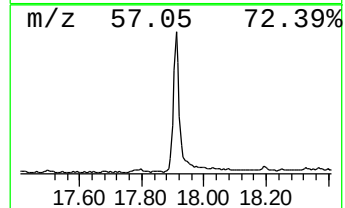
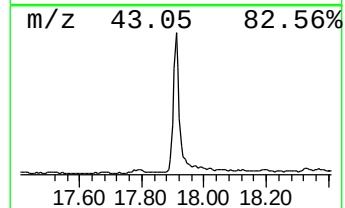
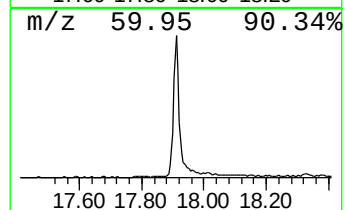
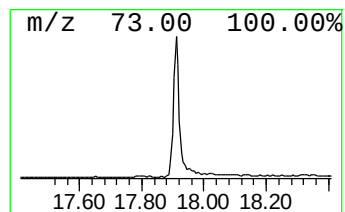
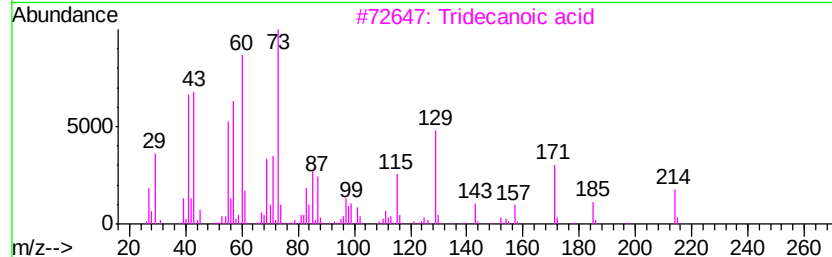
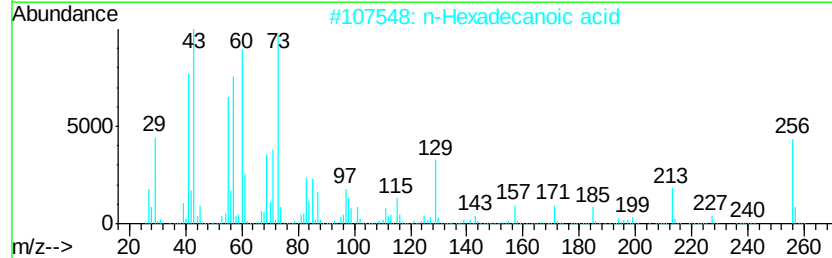
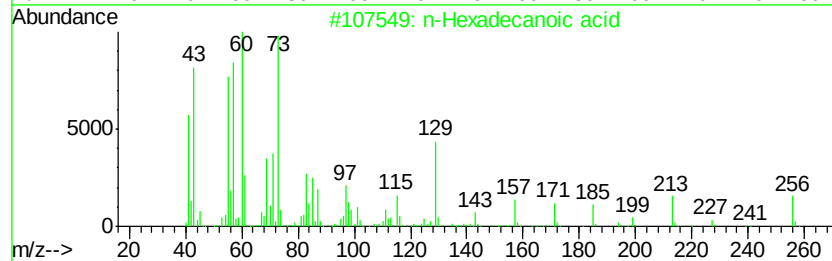
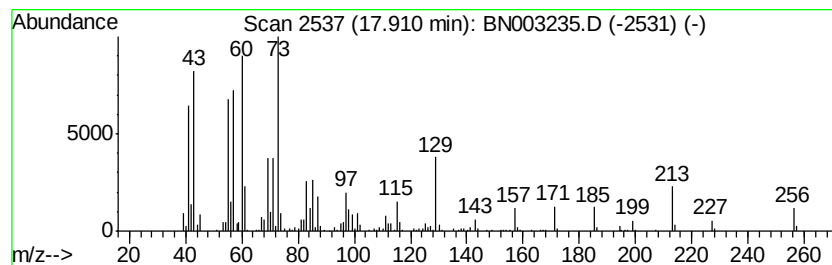
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.91	12.62 ng/ul	998205	Phenanthrene-d10	17.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	96
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	91



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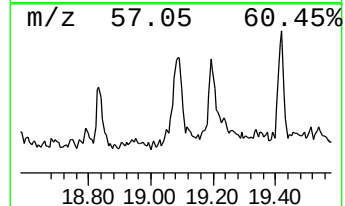
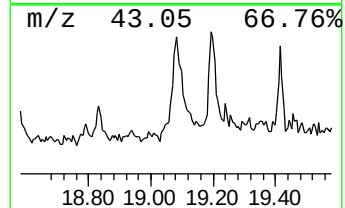
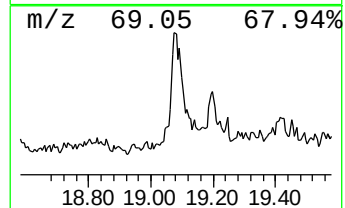
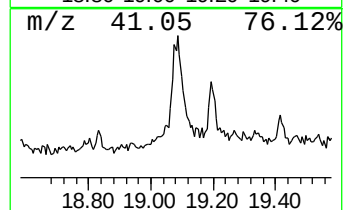
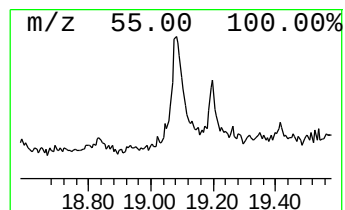
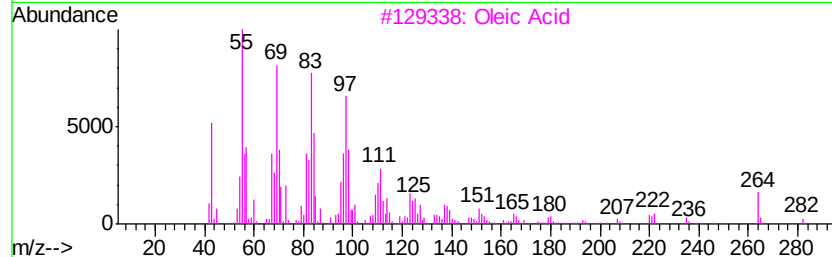
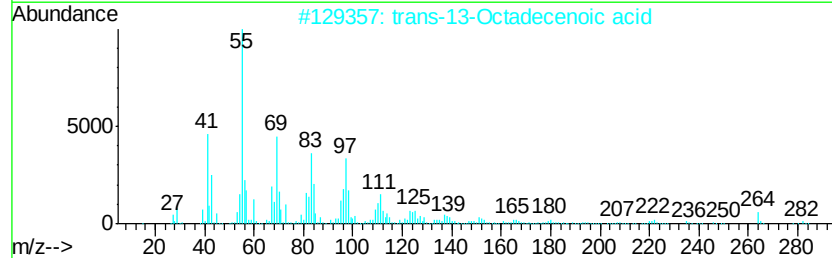
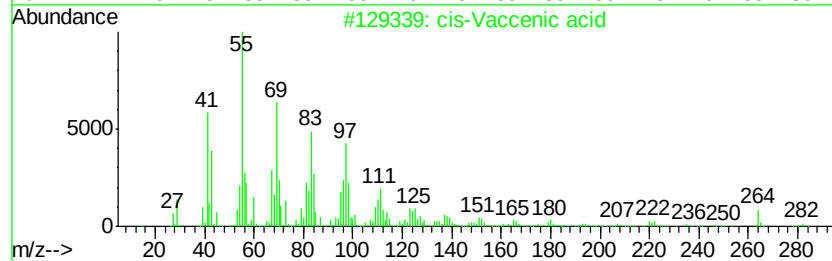
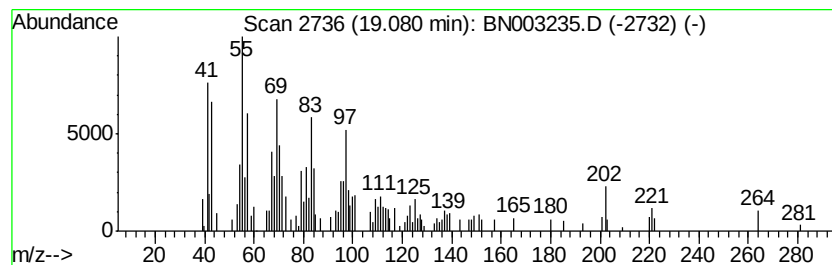
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 cis-Vaccenic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	2.62 ng/ul	207203	Phenanthrene-d10	17.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-Vaccenic acid	282	C18H34O2	000506-17-2	81
2		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	58
3		Oleic Acid	282	C18H34O2	000112-80-1	58
4		1-Pentadecene	210	C15H30	013360-61-7	52
5		Methyl 12-oxo-9-dodecenoate	226	C13H22O3	022418-58-2	52



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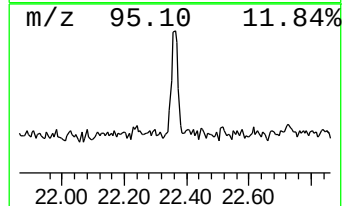
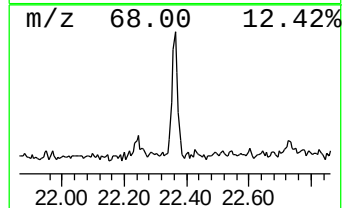
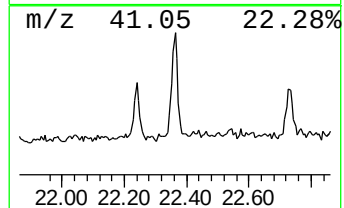
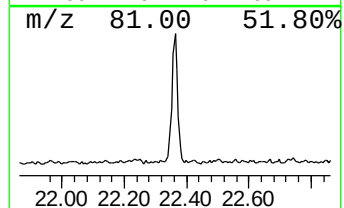
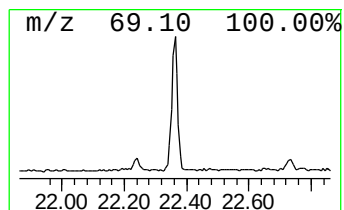
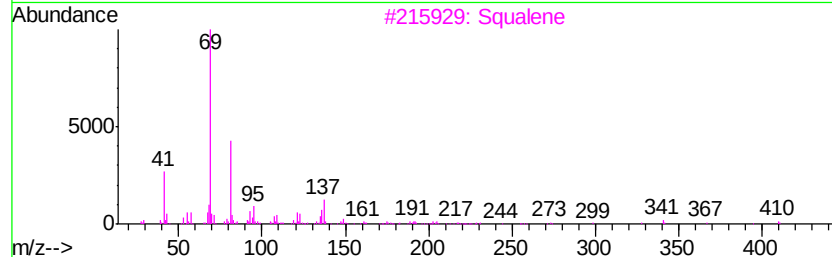
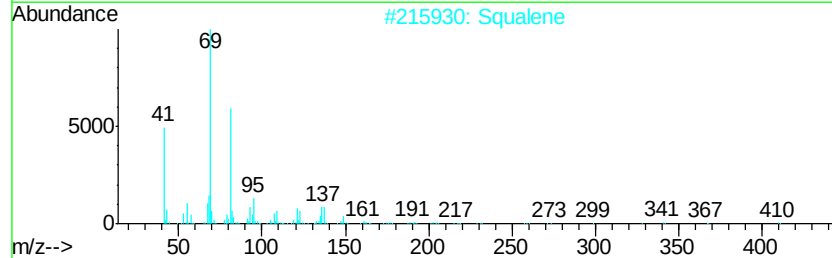
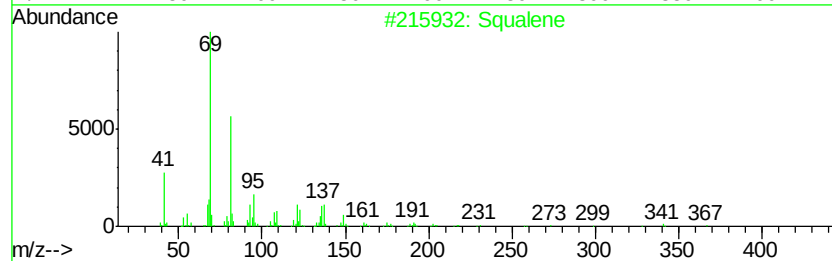
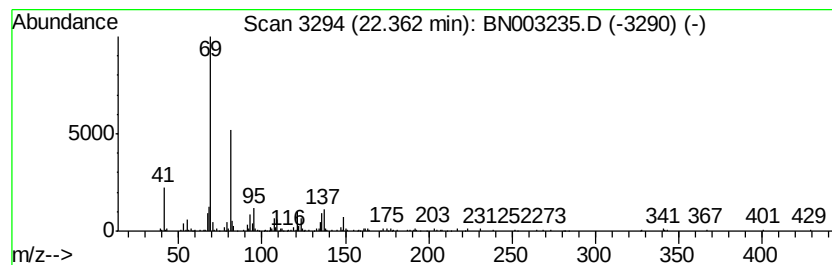
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.44 ng/ul	260481	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Squalene	410	C30H50	000111-02-4	90
3		Squalene	410	C30H50	000111-02-4	87
4		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
5		Supraene	410	C30H50	007683-64-9	83



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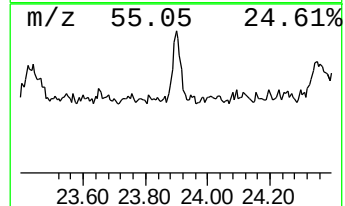
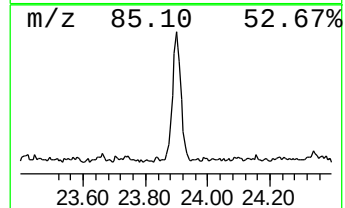
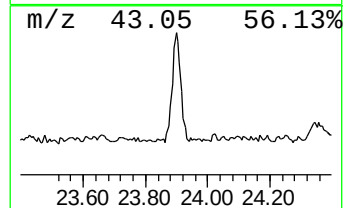
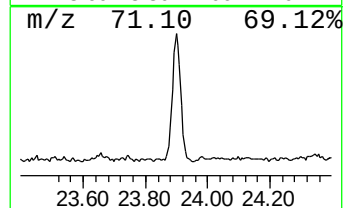
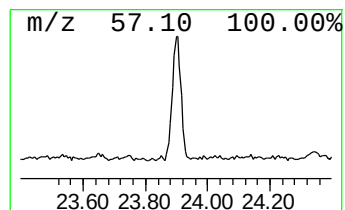
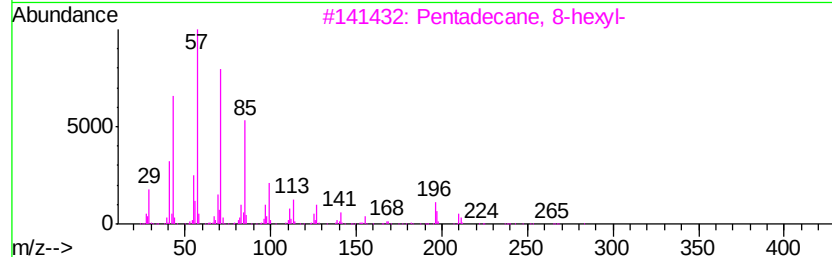
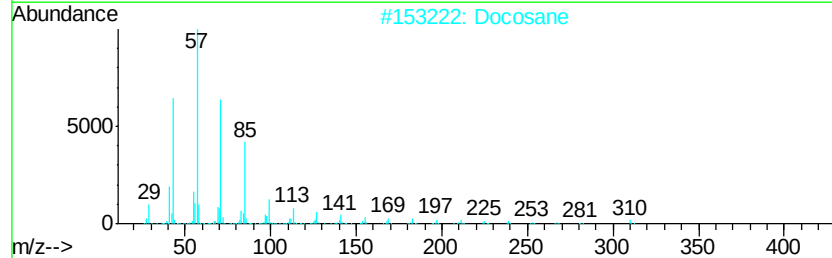
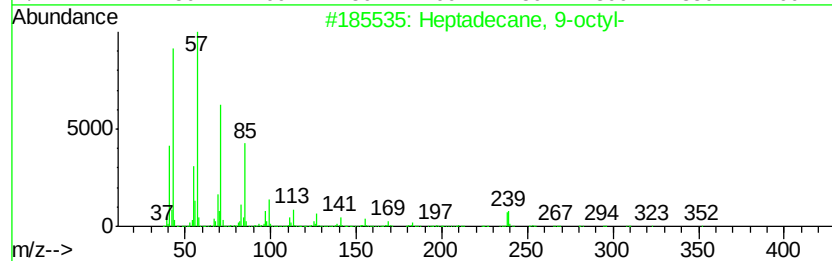
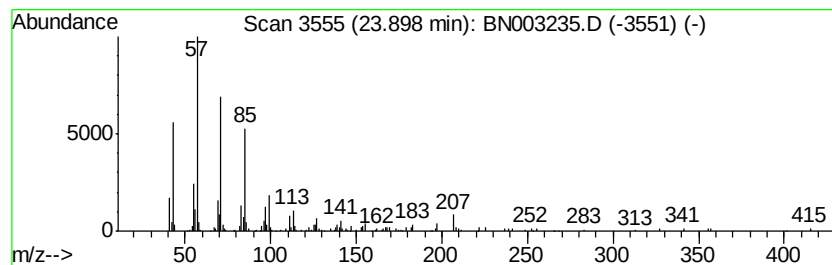
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	2.57 ng/ul	274663	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2		Docosane	310	C22H46	000629-97-0	87
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
4		triacontane	422	C30H62	000638-68-6	87
5		Heptadecane	240	C17H36	000629-78-7	86



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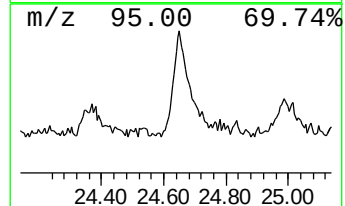
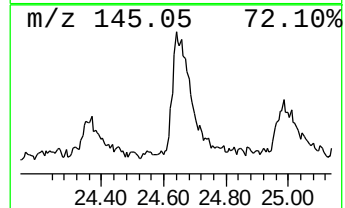
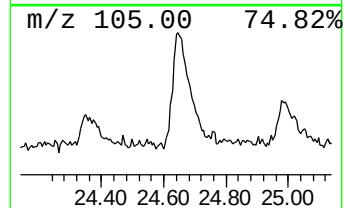
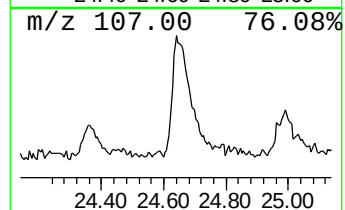
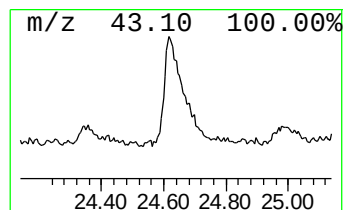
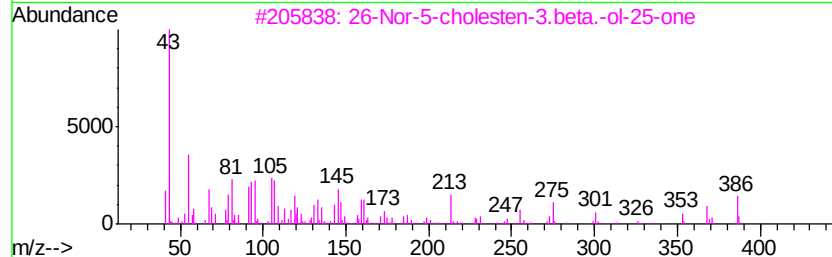
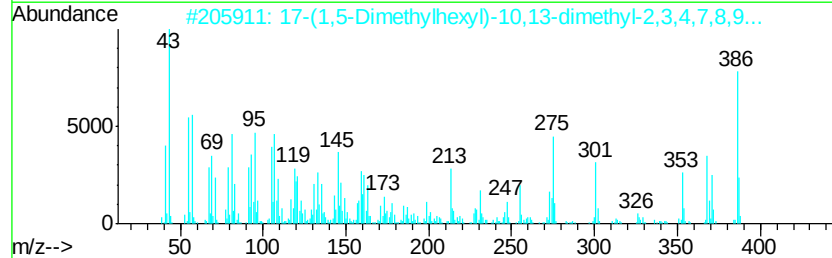
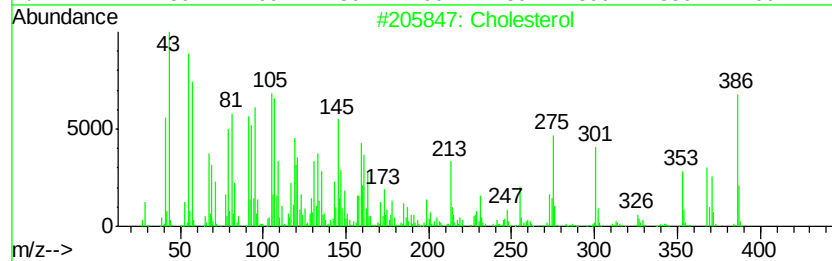
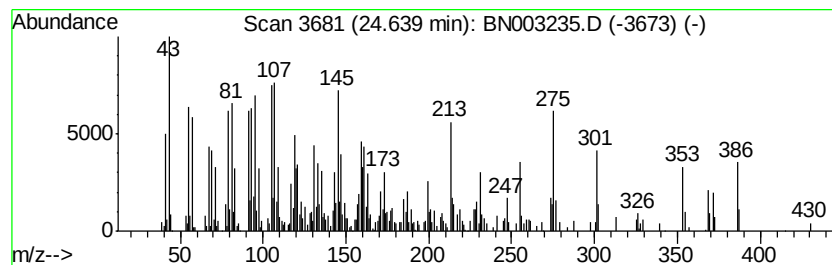
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Peak Number 5 Cholesterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	10.30 ng/ul	1101280	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholesterol	386	C27H46O	000057-88-5	99
2		17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
3		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	96
4		Cholesterol	386	C27H46O	000057-88-5	95
5		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Data File : BN003235.D
Acq On : 20 Oct 2018 07:57
Operator : MJ/SJ
Sample : J5567-14
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.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
n-Hexadecanoic acid	17.91	12.6	ng/ul	998205	4	17.00	1581690	20.0
cis-Vaccenic acid	19.08	2.6	ng/ul	207203	4	17.00	1581690	20.0
Squalene	22.36	2.4	ng/ul	260481	6	23.42	2137950	20.0
(DEL) Alkane: Str...	23.90	2.6	ng/ul	274663	6	23.42	2137950	20.0
Cholesterol	24.64	10.3	ng/ul	1101280	6	23.42	2137950	20.0