

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
 Data File : BM014533.D
 Acq On : 13 Mar 2018 00:35
 Operator : SJ/JU
 Sample : J1813-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F24

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	4.628	291	296	299	rBV2	27521	41073	1.41%	0.117%
2	4.657	299	301	309	rVB5	20913	31331	1.08%	0.090%
3	6.687	638	646	659	rBV	379368	822607	28.24%	2.350%
4	6.828	665	670	682	rBV	337036	551244	18.92%	1.575%
5	7.016	694	702	715	rBV	496423	863713	29.65%	2.468%
6	7.475	771	780	793	rBV	381812	675979	23.20%	1.931%
7	8.210	898	905	919	rBV2	465541	954116	32.75%	2.726%
8	8.640	970	978	994	rBV	516055	925412	31.77%	2.644%
9	9.351	1092	1099	1112	rBV	461512	877440	30.12%	2.507%
10	9.898	1182	1192	1210	rBV	505943	1149840	39.47%	3.285%
11	10.245	1243	1251	1259	rBV	562457	948737	32.57%	2.711%
12	10.416	1271	1280	1305	rBV	396979	1000537	34.34%	2.859%
13	12.945	1703	1710	1715	rBV3	23515	37789	1.30%	0.108%
14	13.563	1809	1815	1820	rBV	1256474	1831294	62.86%	5.232%
15	13.610	1820	1823	1836	rVB	184044	326148	11.20%	0.932%
16	13.827	1853	1860	1871	rBV	1379357	2064348	70.86%	5.898%
17	14.039	1892	1896	1902	rBV2	58109	80935	2.78%	0.231%
18	14.139	1906	1913	1926	rVB2	788238	1250516	42.92%	3.573%
19	14.439	1958	1964	1980	rBV2	242199	783724	26.90%	2.239%
20	14.998	2055	2059	2066	rBV2	61784	91104	3.13%	0.260%
21	15.145	2078	2084	2093	rBV	1637108	2365313	81.19%	6.758%
22	15.321	2109	2114	2123	rBV	374267	718525	24.66%	2.053%
23	15.392	2123	2126	2133	rVB7	40285	78541	2.70%	0.224%
24	15.868	2200	2207	2213	rBV4	42853	62537	2.15%	0.179%
25	16.457	2301	2307	2313	rBV6	18374	31442	1.08%	0.090%
26	16.904	2376	2383	2391	rBV2	1067441	1545533	53.05%	4.416%
27	17.004	2394	2400	2414	rVB	1690016	2598967	89.21%	7.426%
28	17.815	2533	2538	2549	rBV	352195	542605	18.63%	1.550%
29	18.962	2728	2733	2735	rBV4	39069	64409	2.21%	0.184%
30	19.104	2753	2757	2764	rBV3	131434	200774	6.89%	0.574%
31	19.251	2777	2782	2788	rBV	537552	599931	20.59%	1.714%
32	19.315	2788	2793	2800	rVV2	2098290	2913286	100.00%	8.324%
33	19.368	2800	2802	2806	rVB5	33668	35027	1.20%	0.100%
34	20.198	2940	2943	2946	rBV5	28417	39620	1.36%	0.113%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	20.245	2948	2951	2952	rBV3	39485	41238	1.42%	0.118%
36	20.304	2957	2961	2966	rVB	384328	412665	14.16%	1.179%
37	20.368	2969	2972	2975	rVB5	44763	53552	1.84%	0.153%
38	20.833	3047	3051	3059	rVB2	661567	761211	26.13%	2.175%
39	21.127	3096	3101	3106	rBV	1311492	1717513	58.95%	4.907%
40	23.156	3439	3446	3457	rVB2	1633873	2866877	98.41%	8.191%
41	23.292	3463	3469	3480	rVB2	836194	1604023	55.06%	4.583%
42	25.544	3846	3852	3860	rVB2	168411	438443	15.05%	1.253%

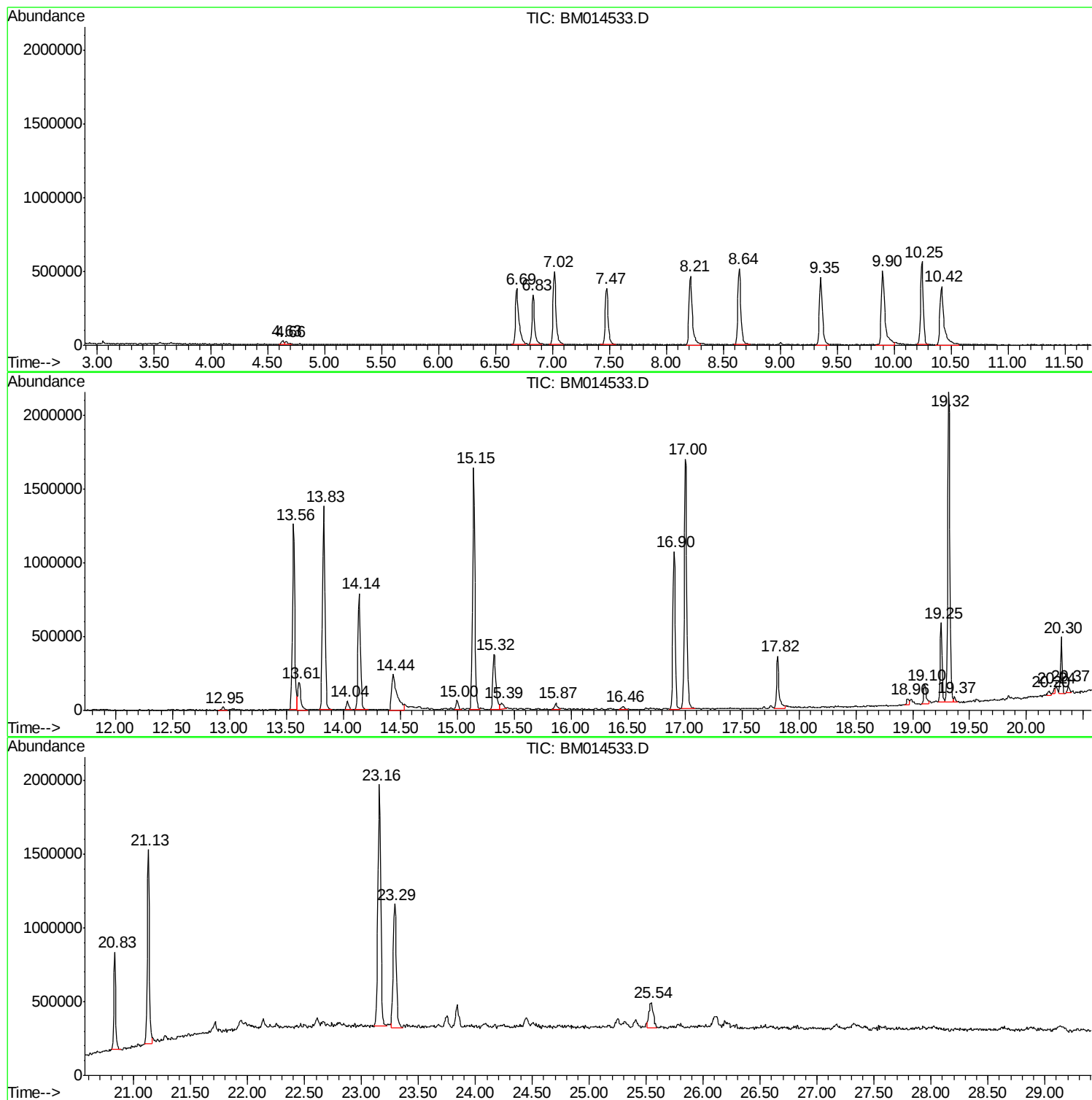
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Quant Title : SVOA CALIBRATION

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



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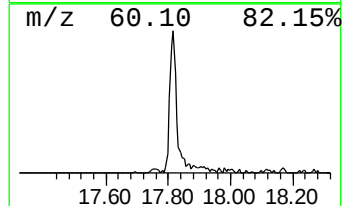
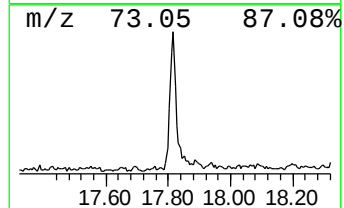
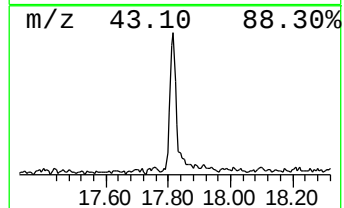
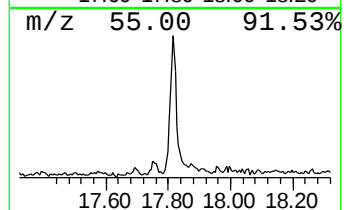
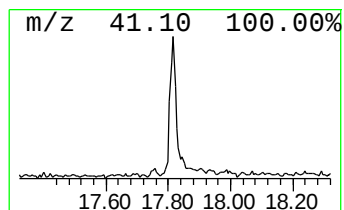
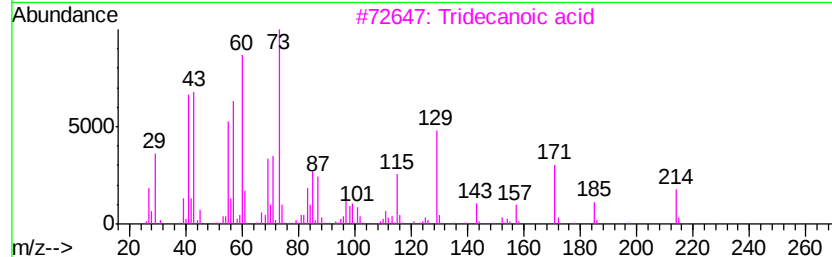
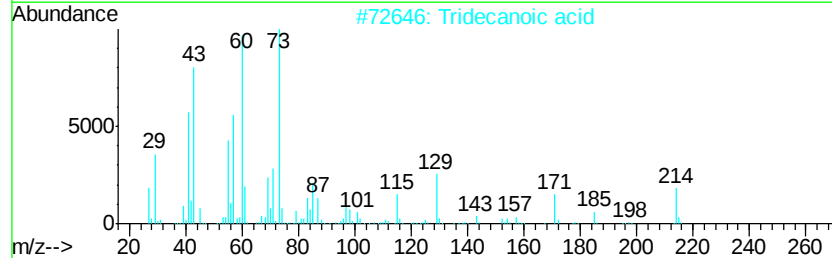
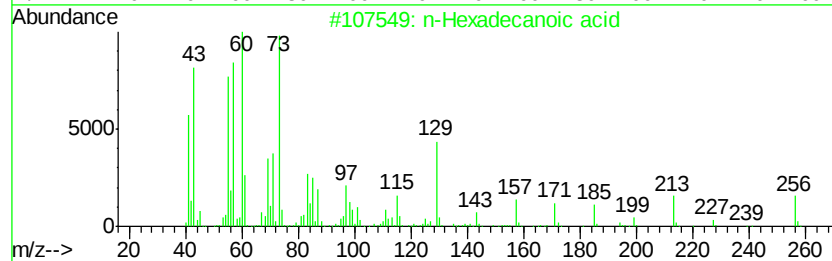
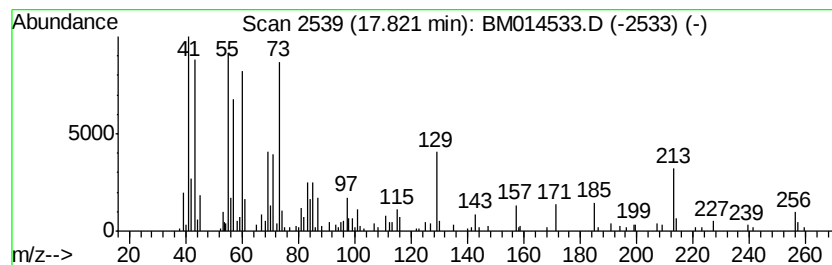
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	7.02 ng/ul	542605	Phenanthrene-d10	16.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	72



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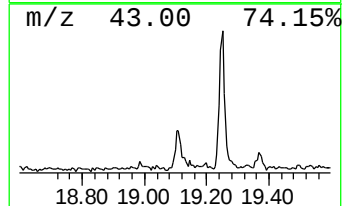
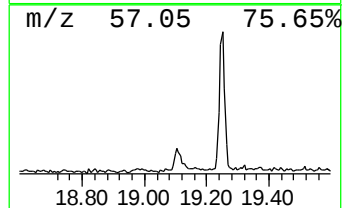
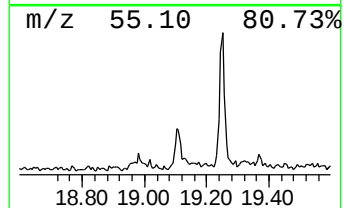
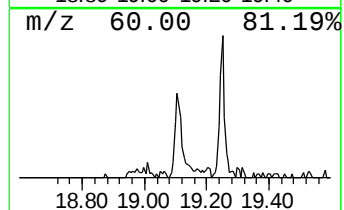
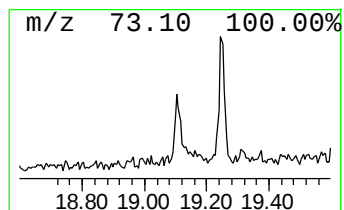
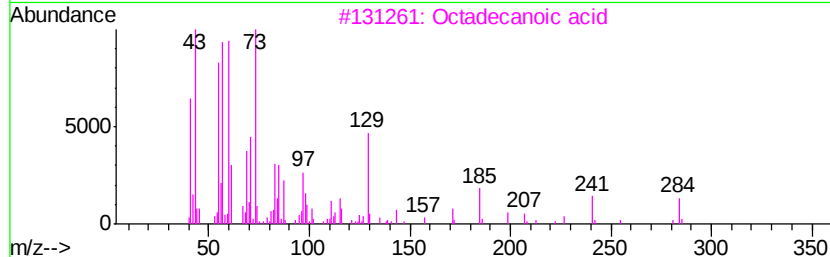
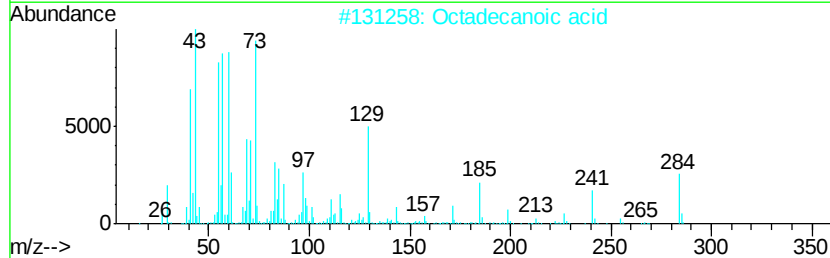
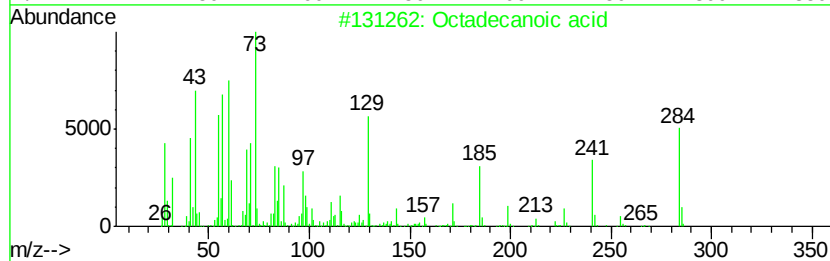
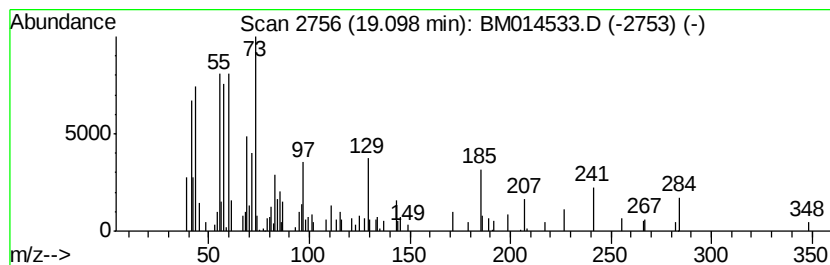
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Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.34 ng/ul	200774	Chrysene-d12	21.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Octadecanoic acid	284	C18H36O2	000057-11-4	70



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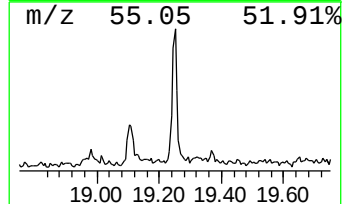
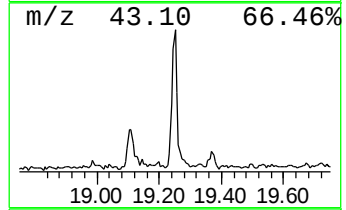
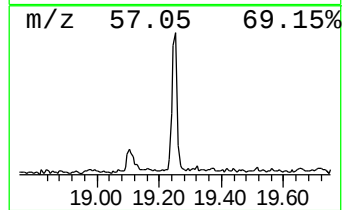
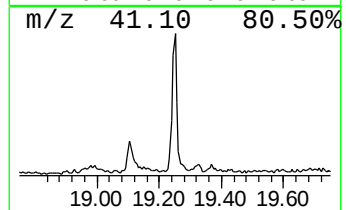
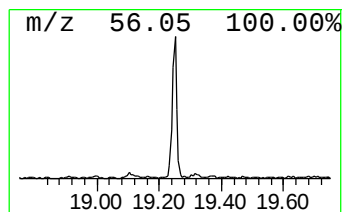
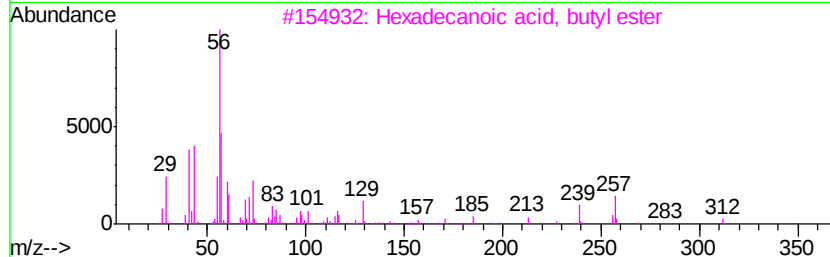
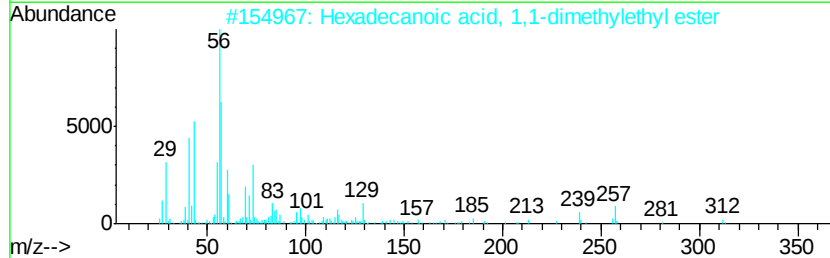
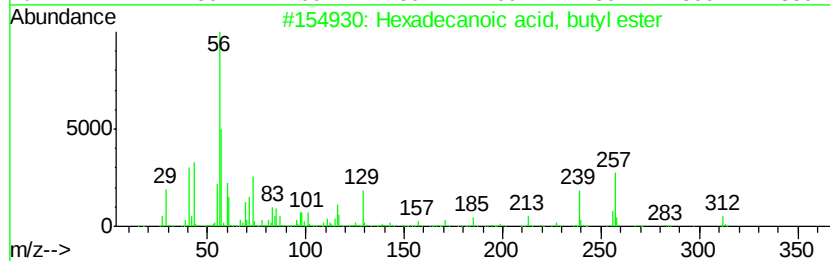
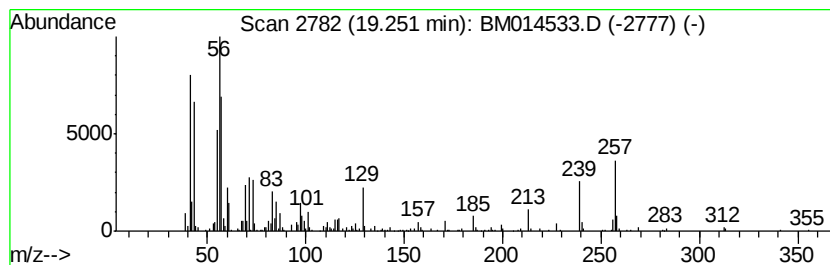
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	6.99 ng/ul	599931	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	70
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	62
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	45
5		1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	35



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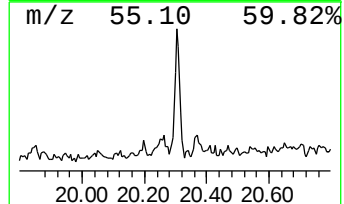
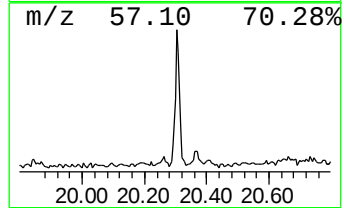
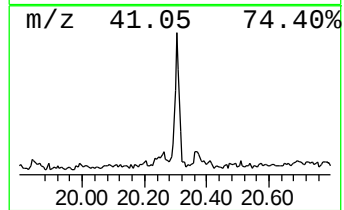
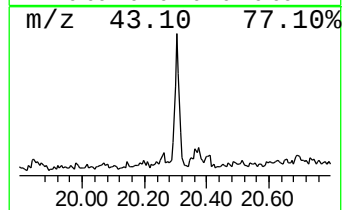
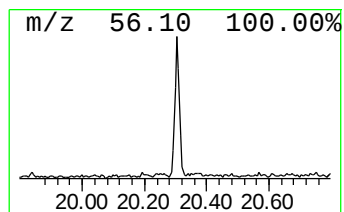
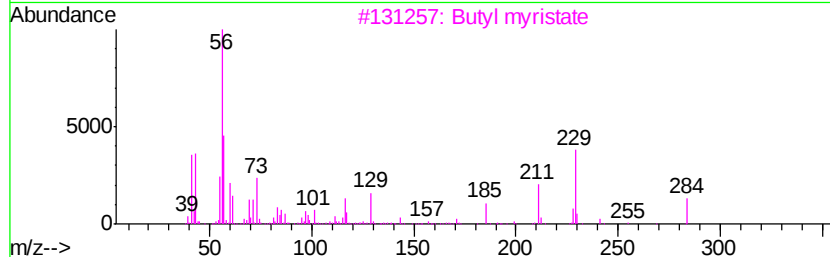
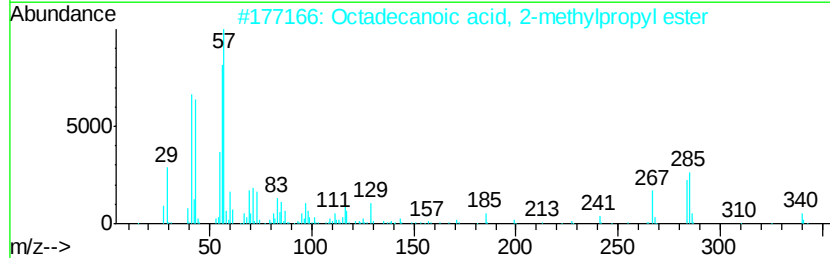
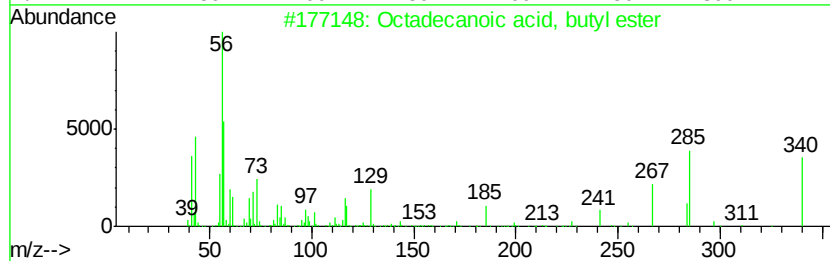
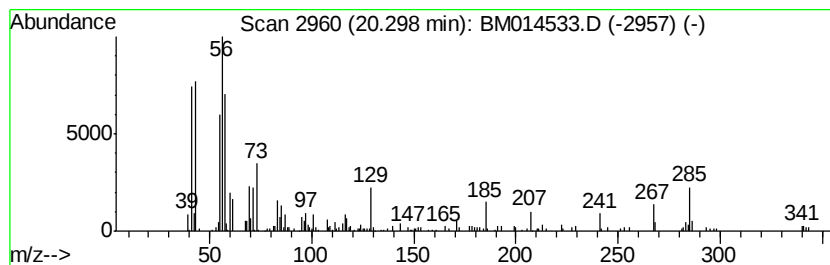
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Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	4.81 ng/ul	412665	Chrysene-d12	21.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	94
2		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	80
3		Butyl myristate	284	C18H36O2	000110-36-1	50
4		Docosanoic acid	340	C22H44O2	000112-85-6	44
5		1-Piperidinyloxy, 4-(hydroxyimin...	185	C9H17N2O2	003229-75-2	38



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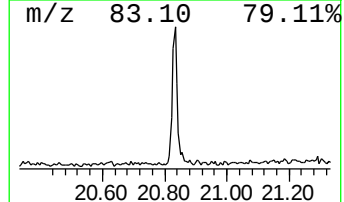
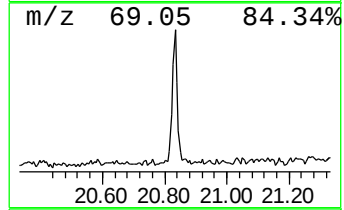
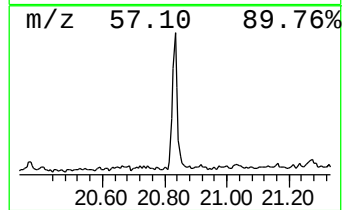
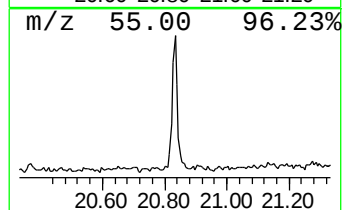
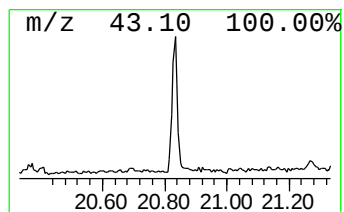
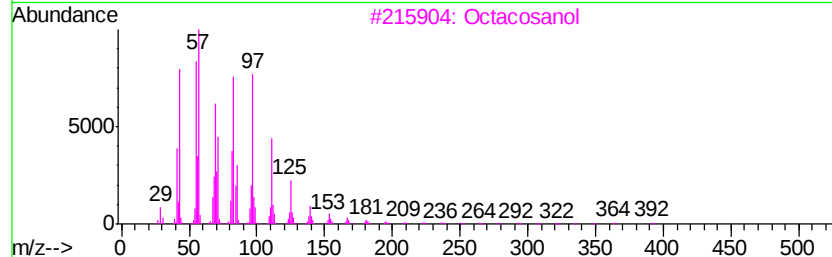
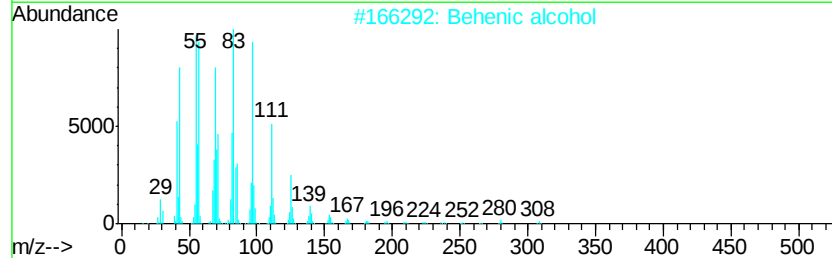
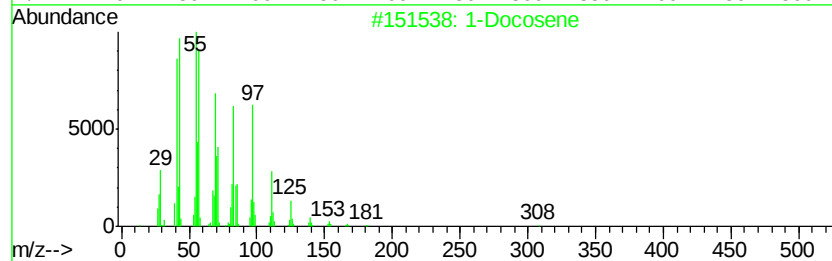
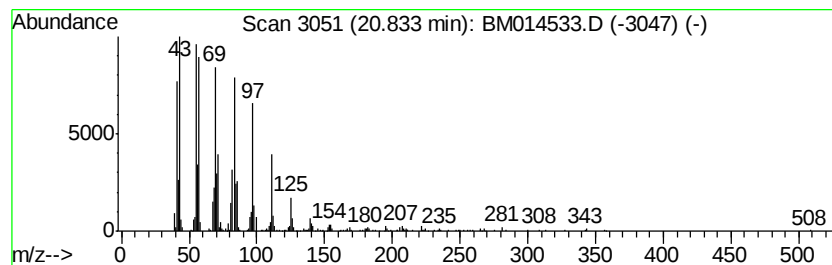
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TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	8.86 ng/ul	761211	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		Behenic alcohol	326	C22H46O	000661-19-8	91
3		Octacosanol	410	C28H58O	000557-61-9	76
4		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	68
5		1-Heptacosanol	396	C27H56O	002004-39-9	68



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
Data File : BM014533.D
Acq On : 13 Mar 2018 00:35
Operator : SJ/JU
Sample : J1813-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F24

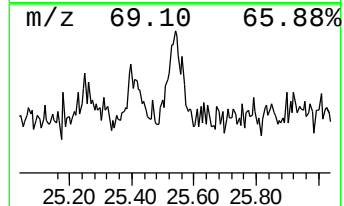
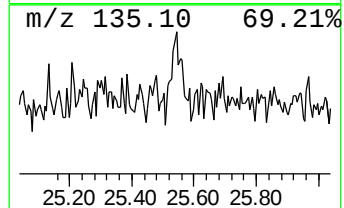
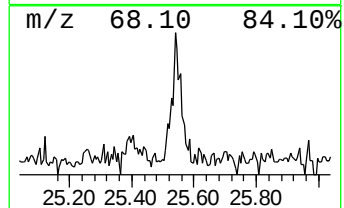
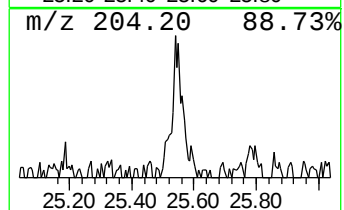
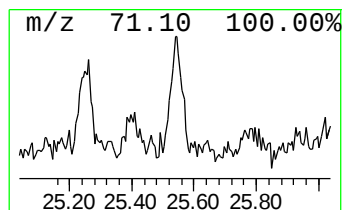
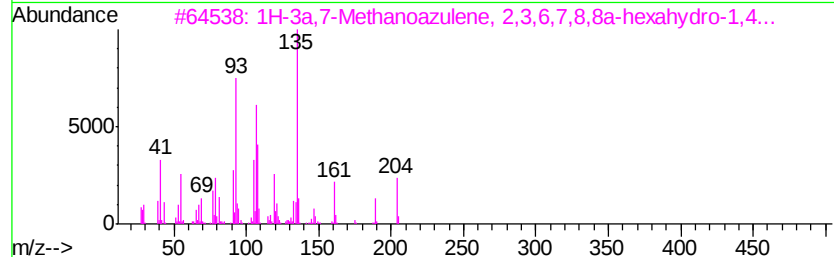
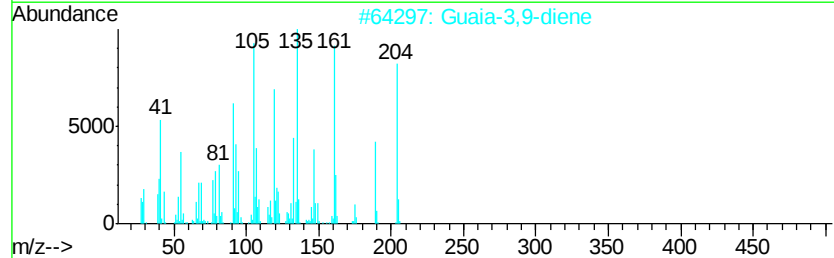
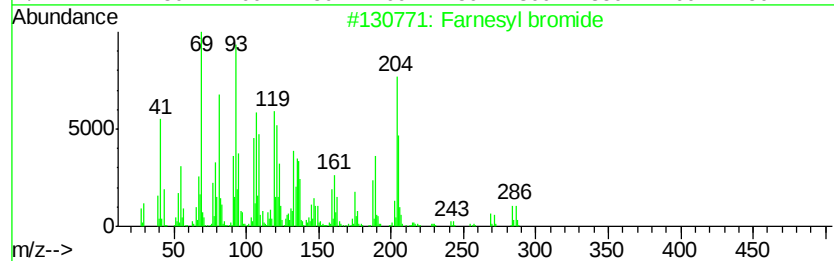
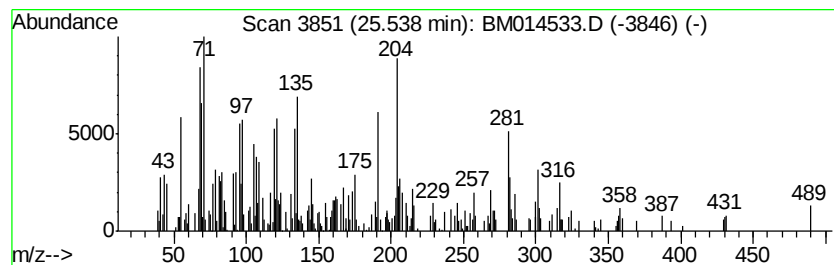
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Farnesyl bromide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	5.47 ng/ul	438443	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Farnesyl bromide	284	C15H25Br	006874-67-5	60
2		Guaia-3,9-diene	204	C15H24	000489-83-8	43
3		1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	42
4		5-(2-Nitrophenylthio)-1,2,3,4,5-...	289	C16H19NO2S	187338-98-3	18
5		4H-Pyran-4-one, 3-acetyl-2-[(1,3...	301	C16H15NO5	1000350-08-0	18



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031218\
Data File : BM014533.D
Acq On : 13 Mar 2018 00:35
Operator : SJ/JU
Sample : J1813-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	17.82	7.0	ng/ul	542605	4	16.90	1545530	20.0
Octadecanoic acid	19.10	2.3	ng/ul	200774	5	21.13	1717510	20.0
Hexadecanoic acid...	19.25	7.0	ng/ul	599931	5	21.13	1717510	20.0
Octadecanoic acid...	20.30	4.8	ng/ul	412665	5	21.13	1717510	20.0
(DEL) Alkane: Cyc...	20.83	8.9	ng/ul	761211	5	21.13	1717510	20.0
Farnesyl bromide	25.54	5.5	ng/ul	438443	6	23.29	1604020	20.0