

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012187.D
 Acq On : 15 Oct 2017 01:18
 Operator : SJ/JU
 Sample : I5522-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC3

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-BM101217.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	6.981	655	662	675	rBV	699980	1283584	5.45%	1.043%
2	7.140	683	689	700	rBV	524186	823565	3.49%	0.669%
3	7.340	716	723	734	rBV	790284	1311718	5.56%	1.066%
4	7.811	796	803	820	rVB	687888	1145476	4.86%	0.931%
5	8.522	917	924	942	rBV	859668	1513784	6.42%	1.231%
6	8.975	993	1001	1014	rBV	747227	1327915	5.63%	1.079%
7	9.699	1117	1124	1141	rBV	679792	1258569	5.34%	1.023%
8	10.240	1208	1216	1232	rBV	1070668	1991463	8.45%	1.619%
9	10.610	1268	1279	1294	rBV	1048722	1763455	7.48%	1.433%
10	10.757	1297	1304	1322	rBV	289114	693697	2.94%	0.564%
11	13.869	1824	1833	1837	rBV	2294817	3222266	13.67%	2.619%
12	13.916	1837	1841	1850	rVB	900422	1227739	5.21%	0.998%
13	14.157	1875	1882	1894	rVB	2692576	3937291	16.70%	3.201%
14	14.463	1927	1934	1941	rBV2	1807925	2708746	11.49%	2.202%
15	14.681	1964	1971	1988	rBV	600850	1221682	5.18%	0.993%
16	15.457	2096	2103	2109	rBV	3555430	5024929	21.32%	4.085%
17	15.592	2120	2126	2137	rBV	923318	1424155	6.04%	1.158%
18	15.922	2177	2182	2190	rVB	218281	301415	1.28%	0.245%
19	17.210	2395	2401	2406	rBV2	2534026	3665002	15.55%	2.979%
20	17.310	2412	2418	2432	rVB	3958862	5681090	24.10%	4.618%
21	17.975	2524	2531	2536	rBV	179229	319243	1.35%	0.260%
22	18.033	2536	2541	2546	rBV	1147104	1533774	6.51%	1.247%
23	18.092	2546	2551	2561	rVV	3231180	4710107	19.98%	3.829%
24	18.757	2659	2664	2671	rBV	253434	394526	1.67%	0.321%
25	19.227	2738	2744	2746	rBV	2060415	2858797	12.13%	2.324%
26	19.257	2746	2749	2758	rVB2	2221782	4613712	19.57%	3.750%
27	19.369	2764	2768	2777	rBV	3086461	3909497	16.58%	3.178%
28	19.604	2802	2808	2818	rBV	6053012	8687126	36.85%	7.062%
29	19.692	2818	2823	2832	rVB4	354874	568375	2.41%	0.462%
30	21.074	3054	3058	3062	rBV	1249484	1445864	6.13%	1.175%
31	21.386	3106	3111	3115	rBV	3597610	4993287	21.18%	4.059%
32	21.951	3204	3207	3209	rBV3	403836	492018	2.09%	0.400%
33	22.662	3324	3328	3334	rVB	1142775	1617032	6.86%	1.314%
34	22.945	3371	3376	3380	rBV	1330690	2014397	8.55%	1.637%

LSC Area Percent Report

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35	22.998	3380	3385	3398	rVB	2071208	3707455	15.73%	3.014%
36	23.551	3472	3479	3485	rBV2	2878227	5782538	24.53%	4.700%
37	23.698	3498	3504	3512	rVB	2052880	3852759	16.34%	3.132%
38	23.857	3528	3531	3540	rVB3	663023	1132429	4.80%	0.921%
39	24.198	3584	3589	3596	rVB	1321820	2545343	10.80%	2.069%
40	24.692	3667	3673	3680	rBV	1313839	2740699	11.63%	2.228%
41	25.009	3717	3727	3738	rVB	9595405	23573608	100.00%	19.162%

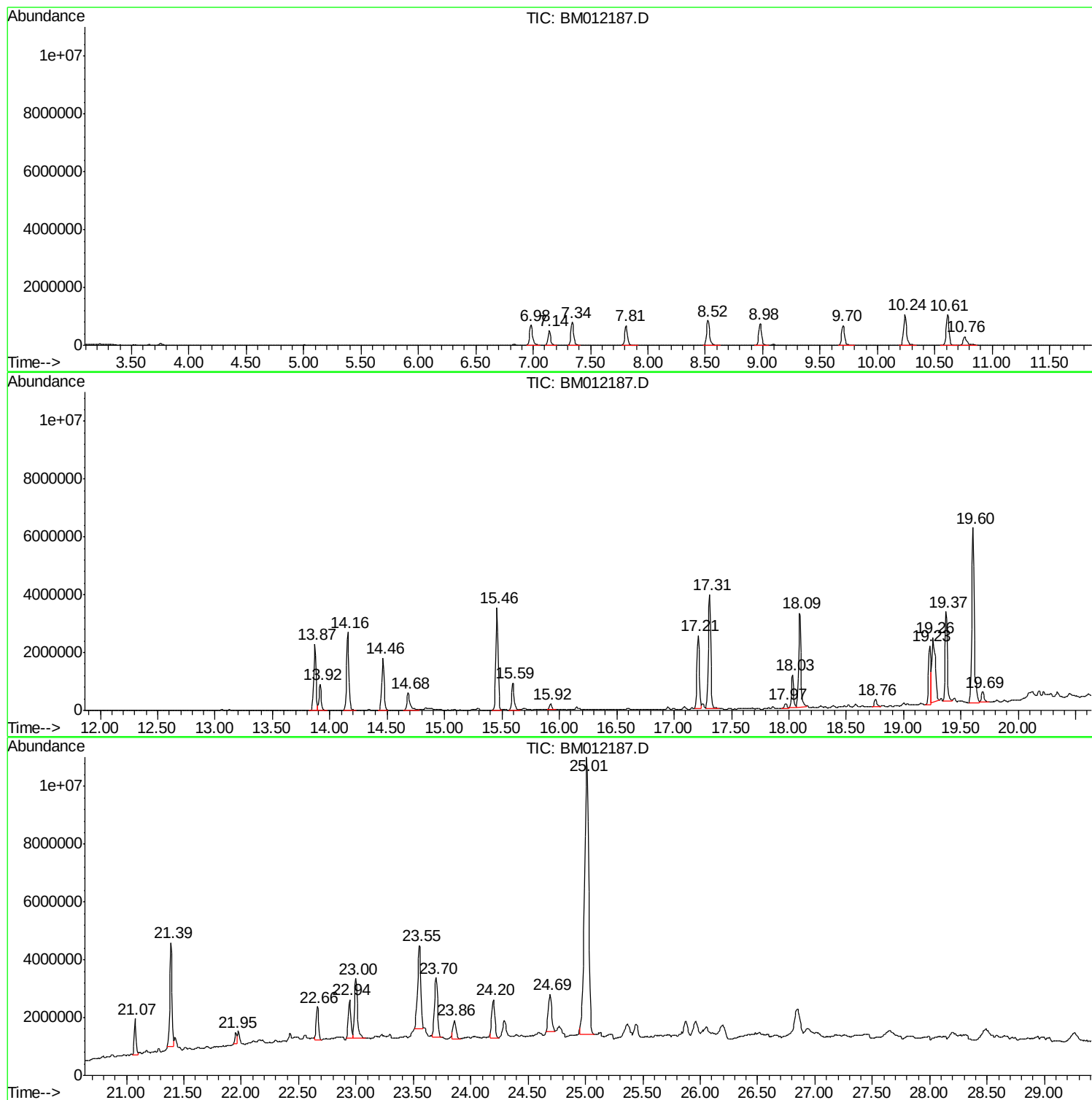
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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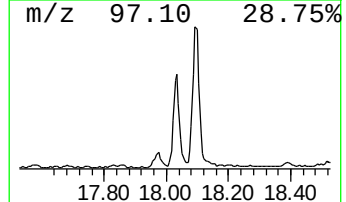
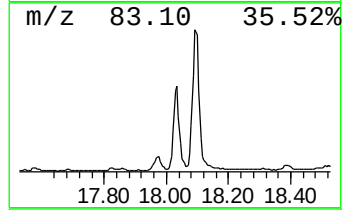
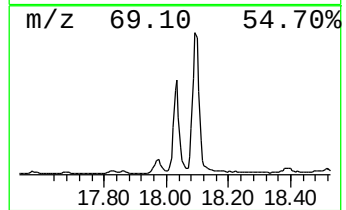
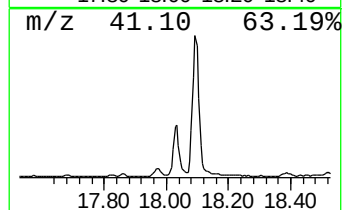
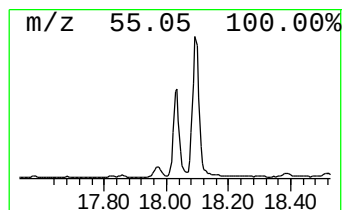
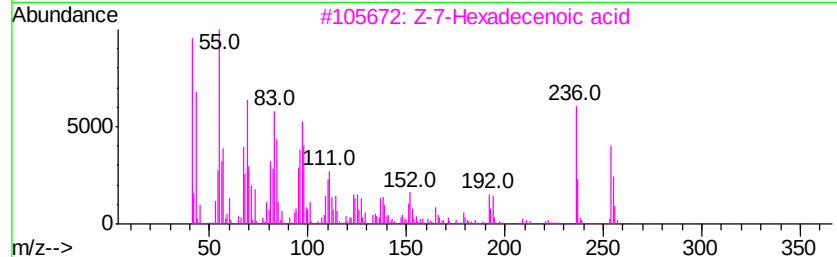
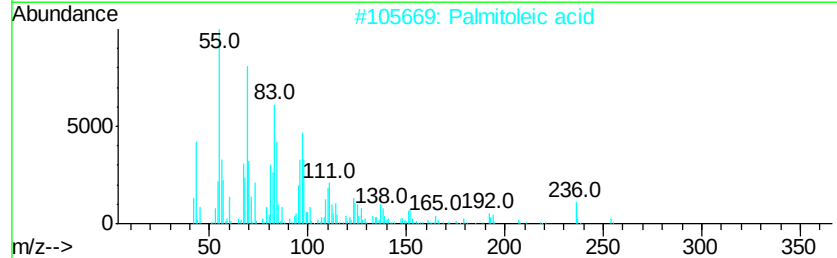
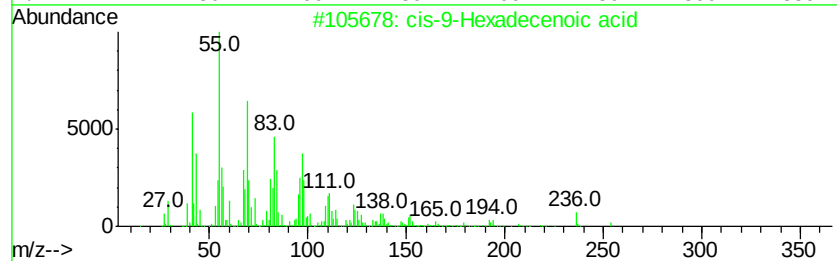
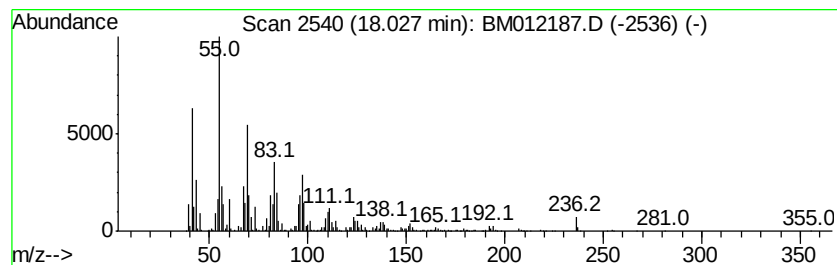
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 cis-9-Hexadecenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	8.37 ng/ul	1533770	Phenanthrene-d10	17.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	99
2		Palmitoleic acid	254	C16H30O2	000373-49-9	99
3		Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	93
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
5		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	87



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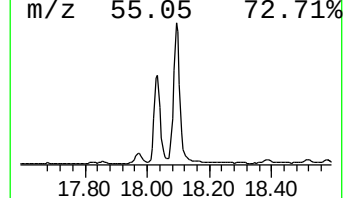
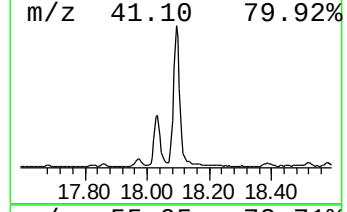
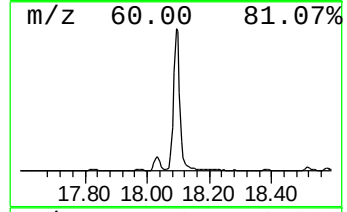
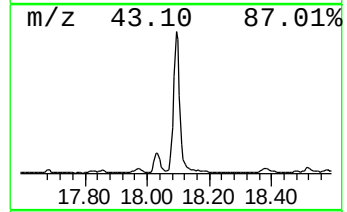
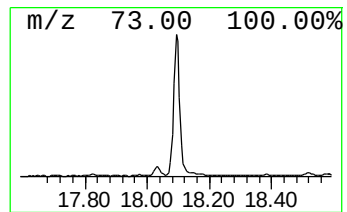
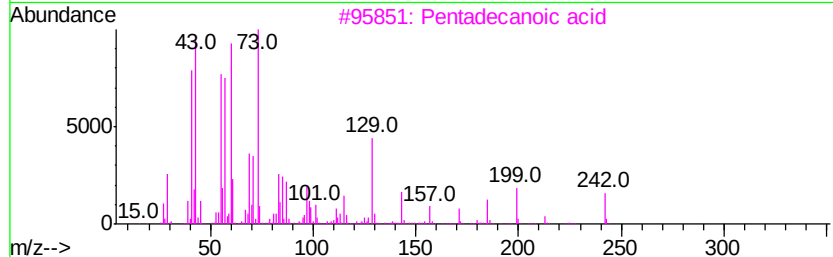
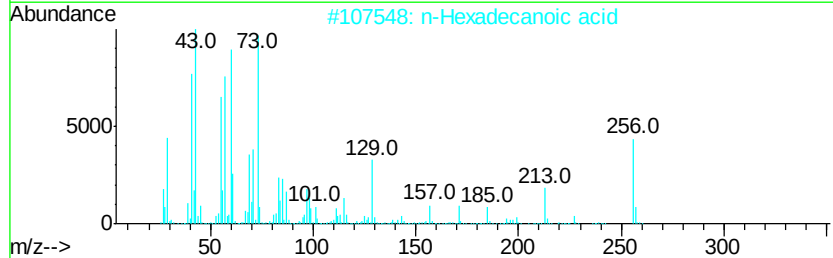
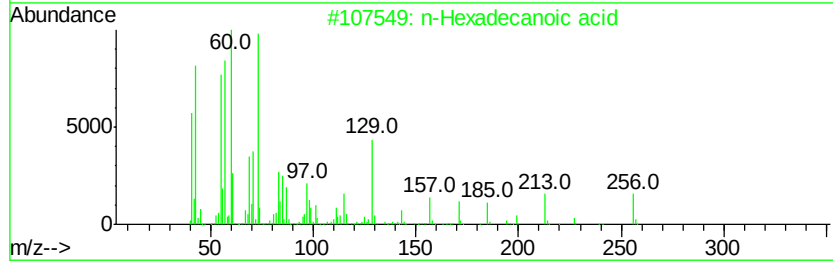
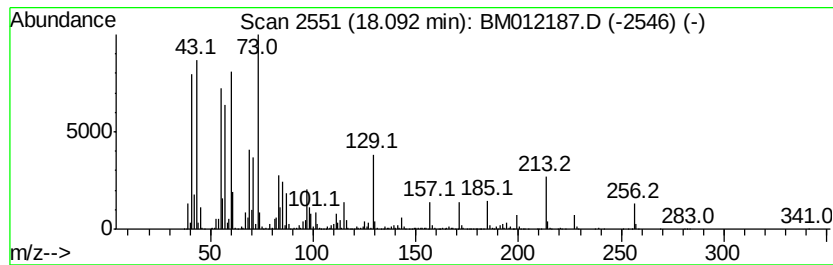
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	25.70 ng/ul	4710110	Phenanthrene-d10	17.21

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		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	86



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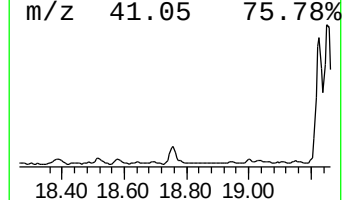
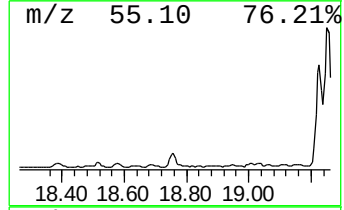
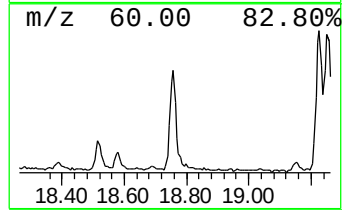
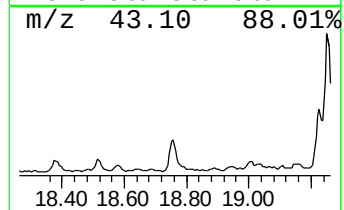
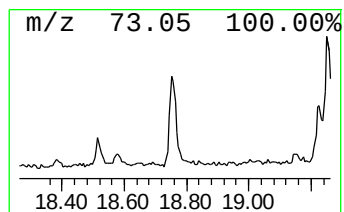
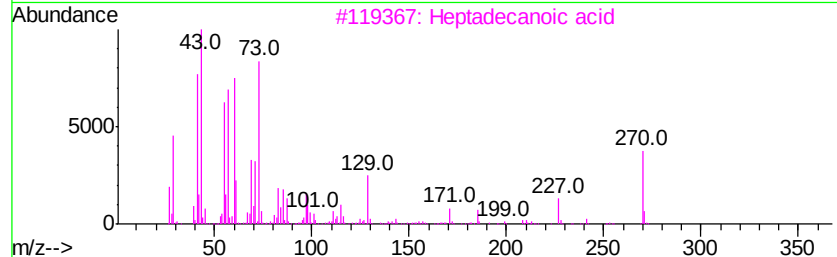
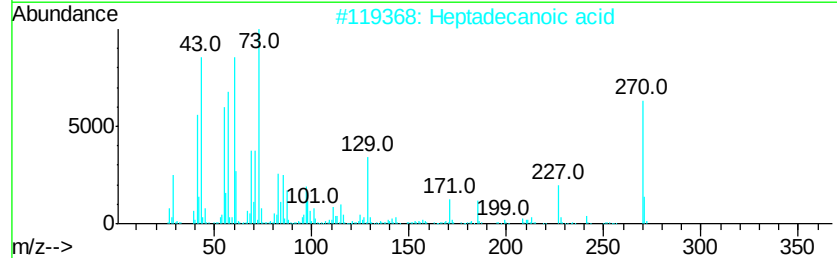
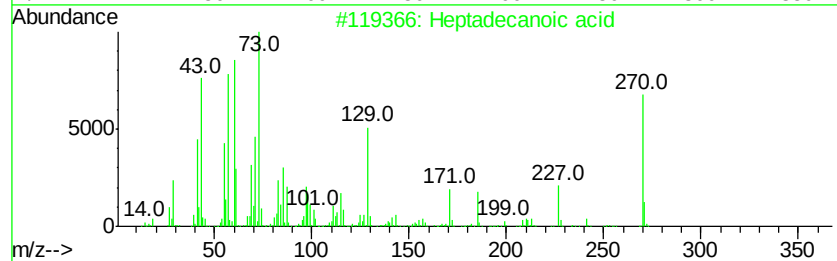
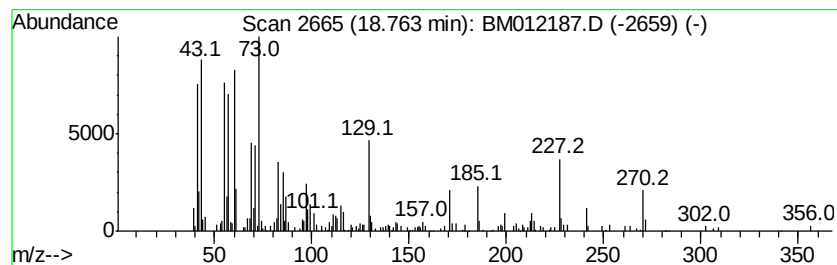
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Heptadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.15 ng/ul	394526	Phenanthrene-d10	17.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecanoic acid	270	C17H34O2	000506-12-7	95
2		Heptadecanoic acid	270	C17H34O2	000506-12-7	95
3		Heptadecanoic acid	270	C17H34O2	000506-12-7	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	89



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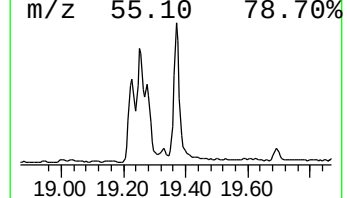
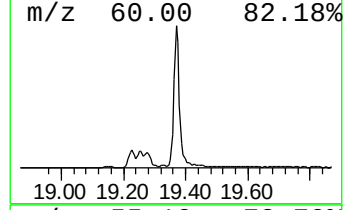
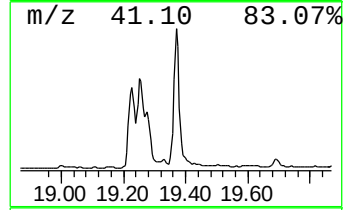
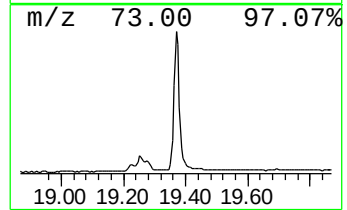
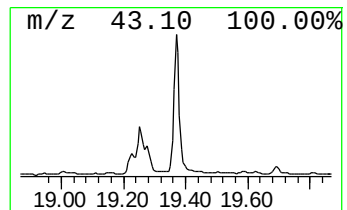
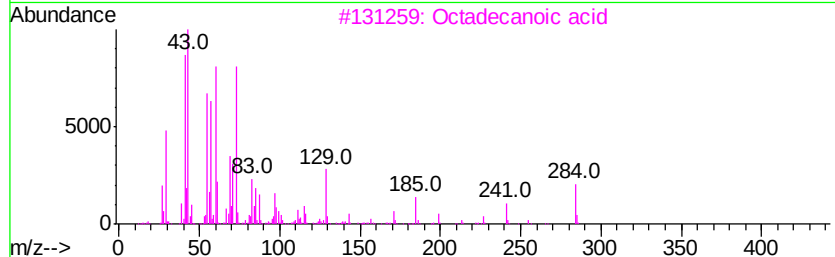
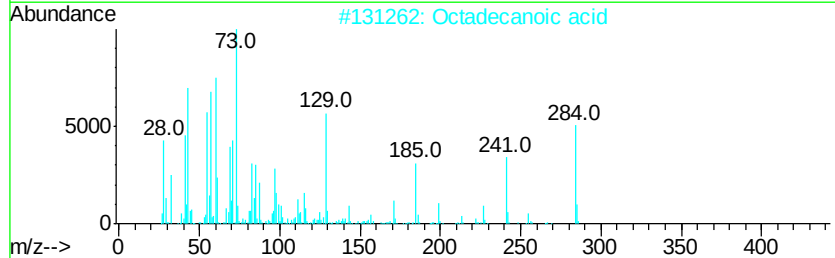
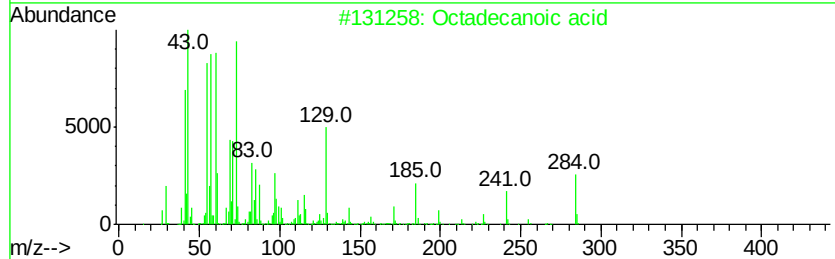
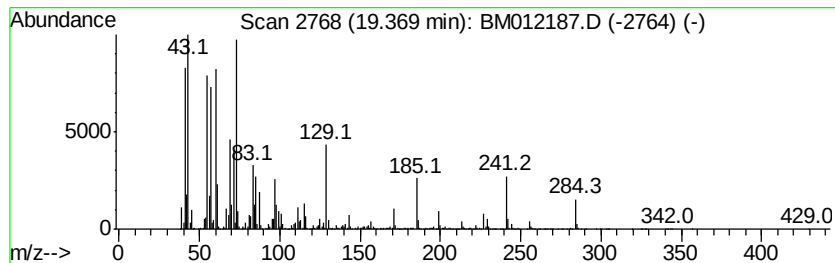
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Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	15.66 ng/ul	3909500	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94



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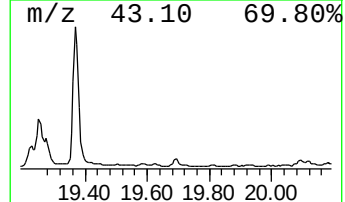
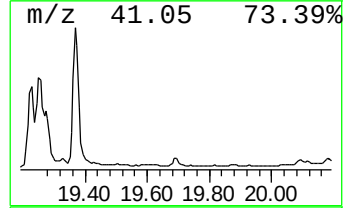
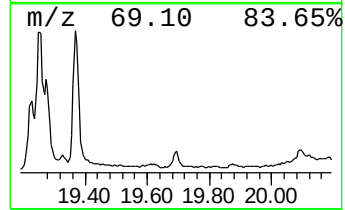
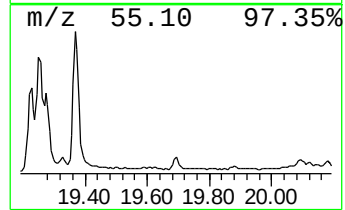
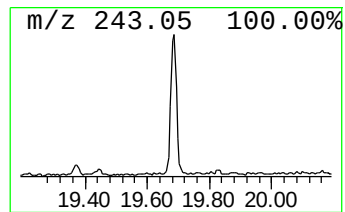
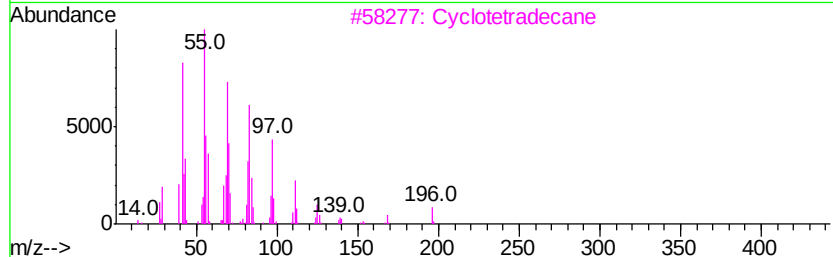
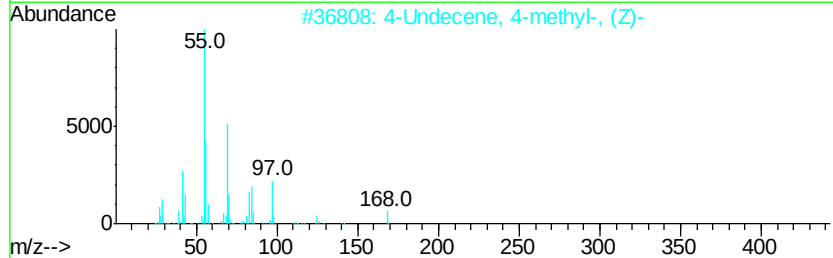
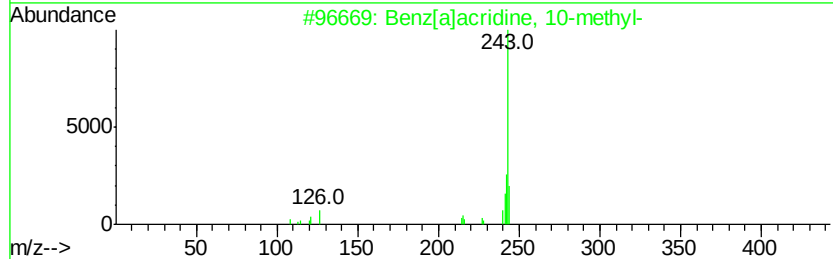
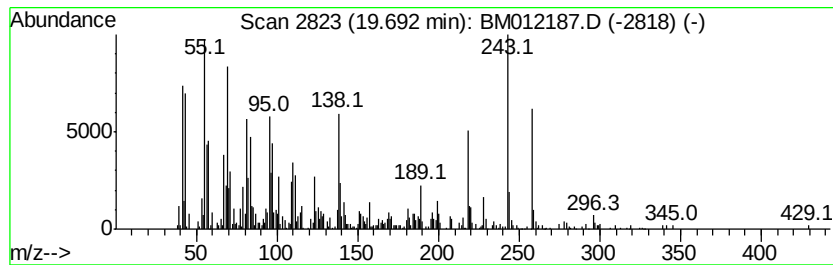
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Peak Number 5 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.28 ng/ul	568375	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]acridine, 10-methyl-	243	C18H13N	003781-67-7	25
2		4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	20
3		Cyclotetradecane	196	C14H28	000295-17-0	20
4		Galaxolide 2	258	C18H26O	1000285-26-7	18
5		5-Undecene, 6-methyl-	168	C12H24	083687-45-0	18



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Sample : I5522-17
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ClientSampleId :
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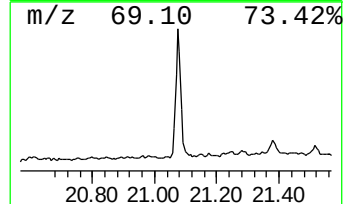
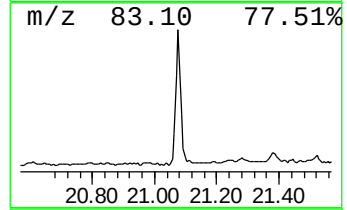
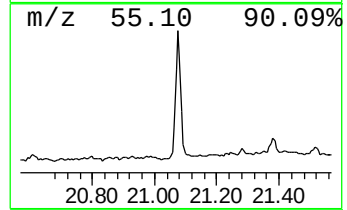
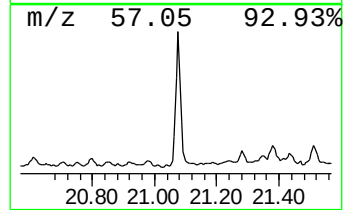
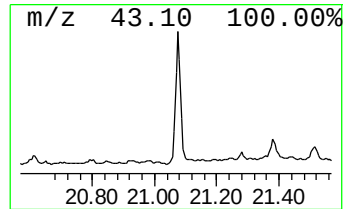
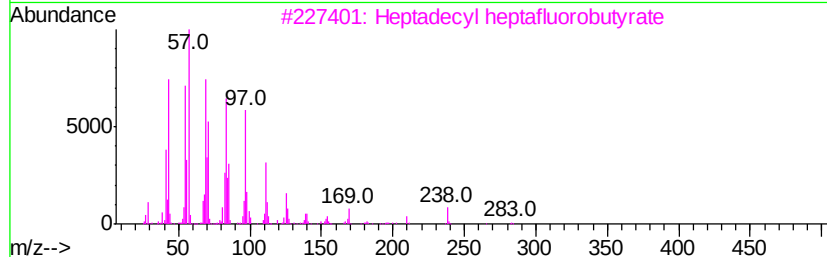
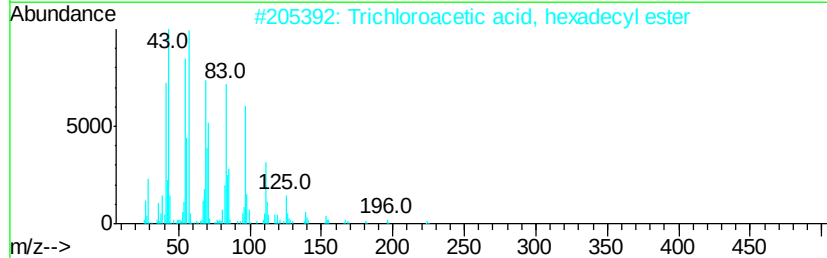
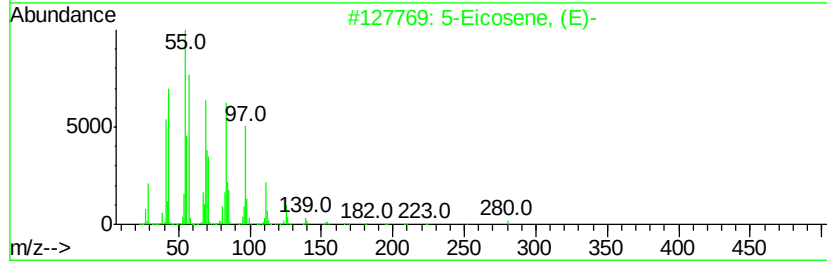
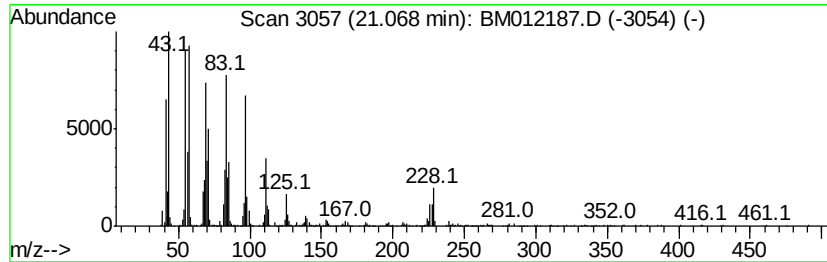
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	5.79 ng/ul	1445860	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
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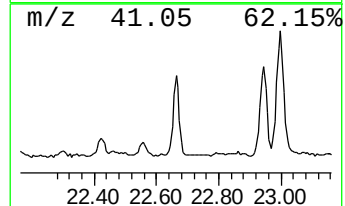
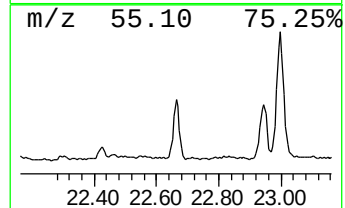
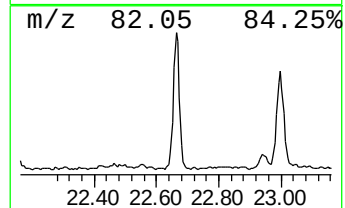
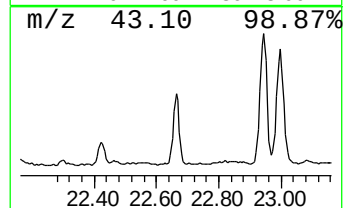
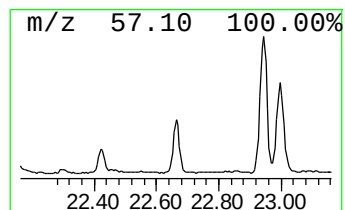
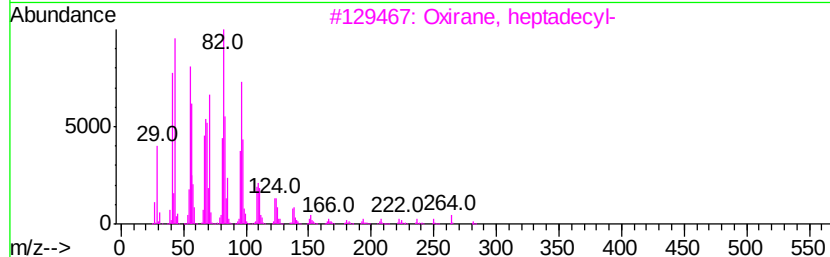
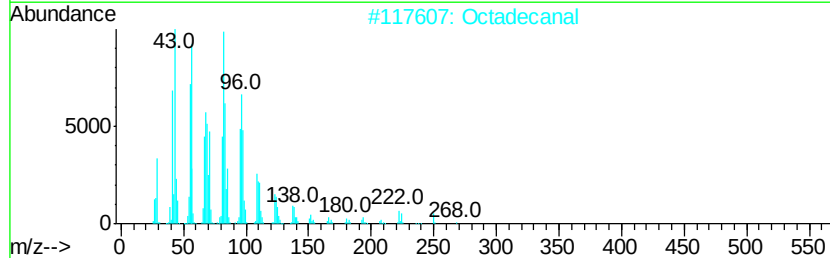
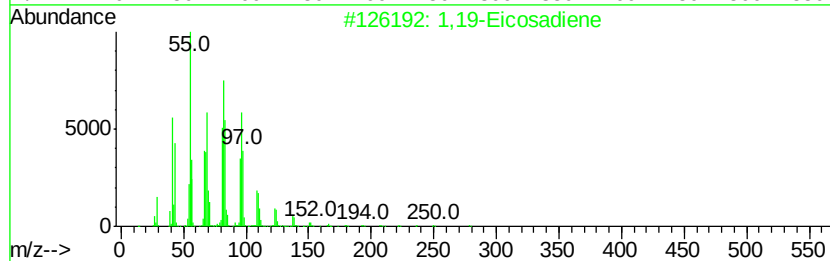
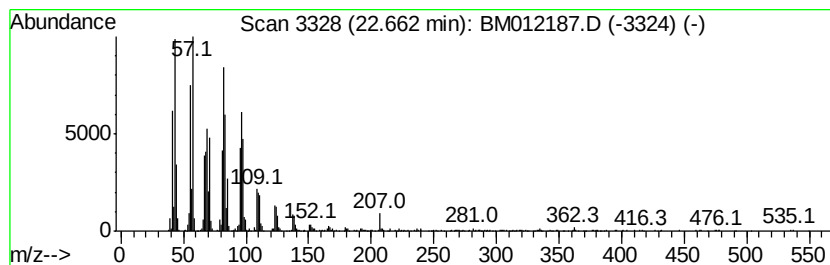
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,19-Eicosadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	8.39 ng/ul	1617030	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2		Octadecanal	268	C18H36O	000638-66-4	94
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4		16-Heptadecenal	252	C17H32O	1000144-57-9	91
5		Octadecanal	268	C18H36O	000638-66-4	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
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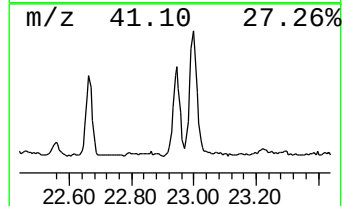
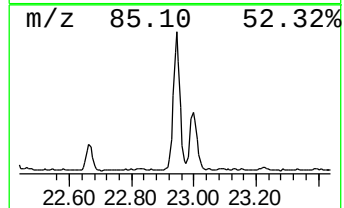
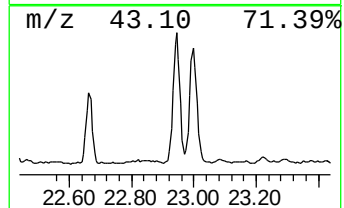
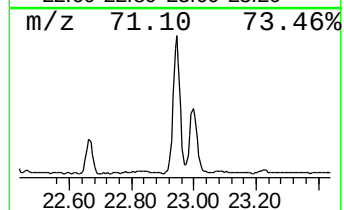
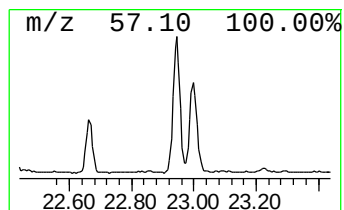
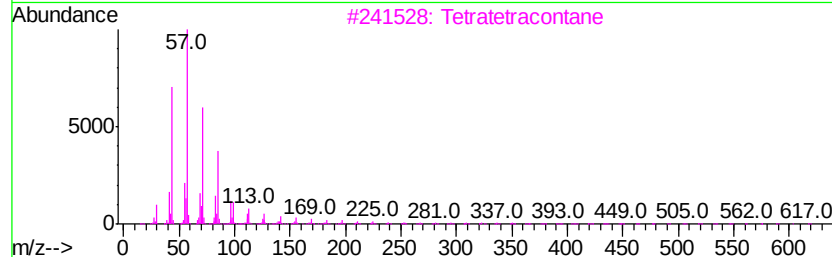
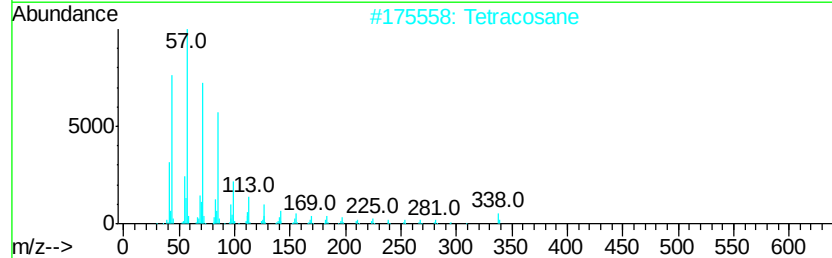
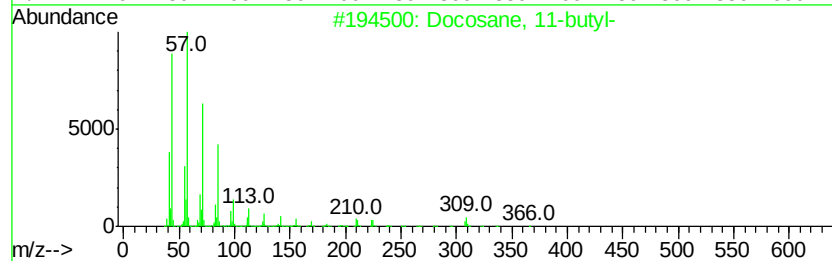
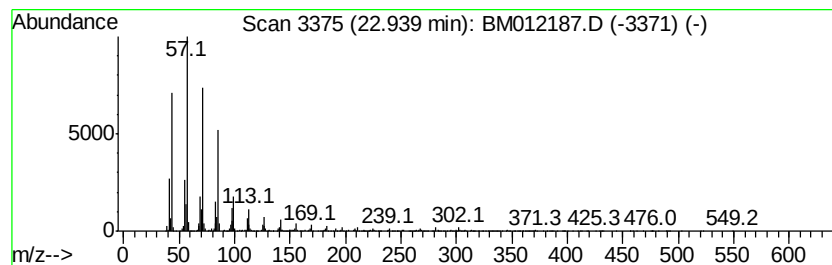
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	10.46 ng/ul	2014400	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2		Tetracosane	338	C24H50	000646-31-1	92
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
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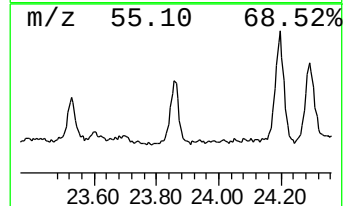
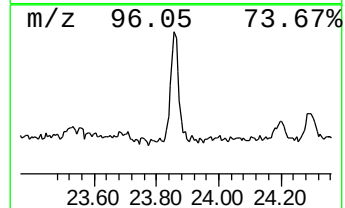
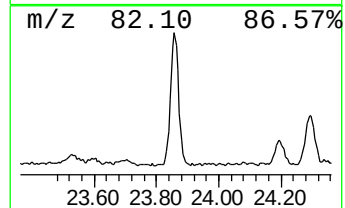
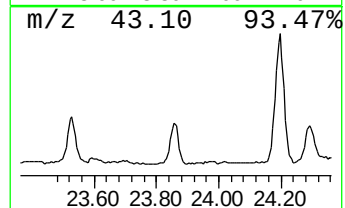
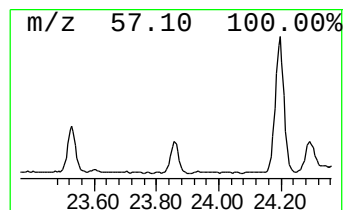
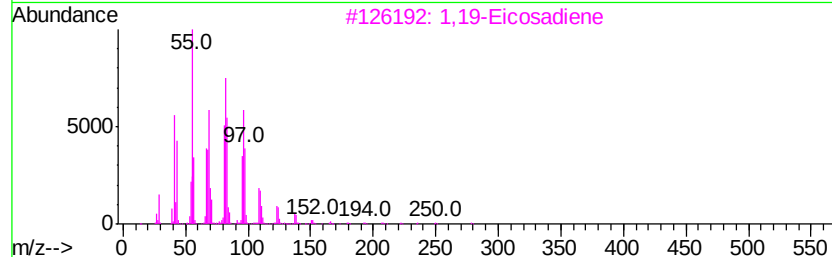
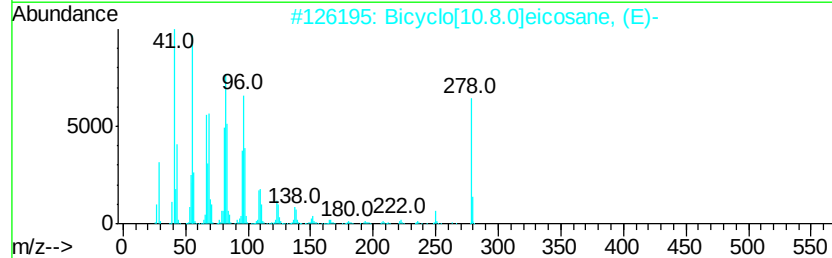
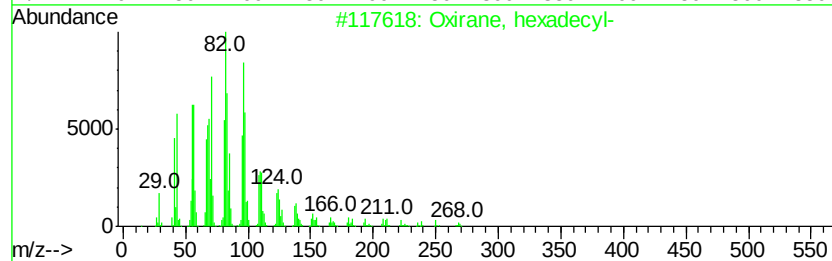
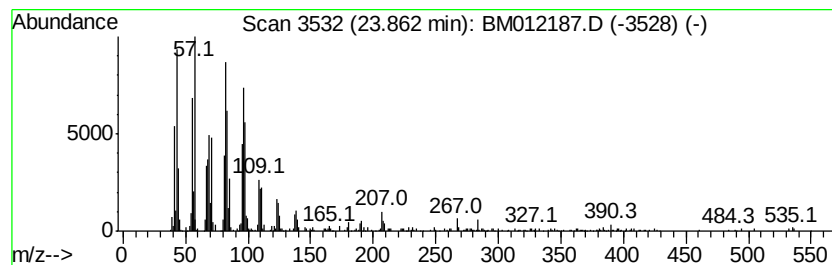
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	5.88 ng/ul	1132430	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
2		Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	93
3		1,19-Eicosadiene	278	C20H38	014811-95-1	93
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	92
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
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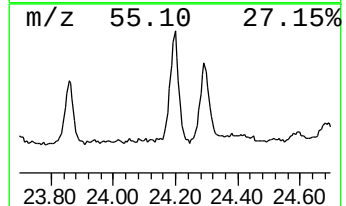
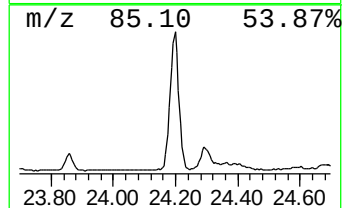
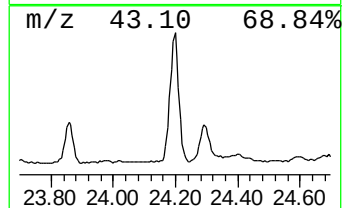
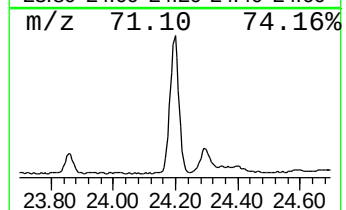
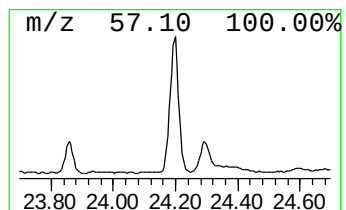
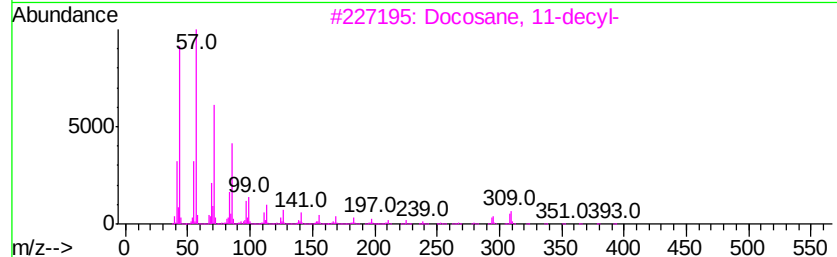
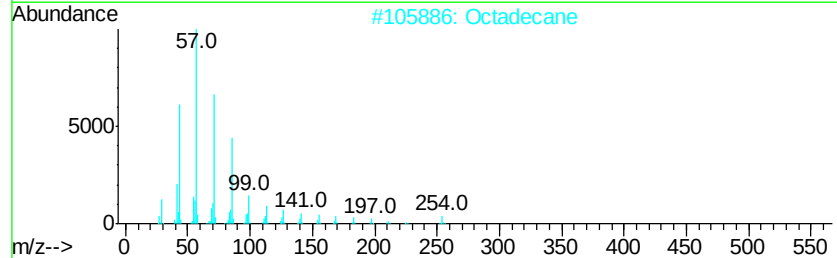
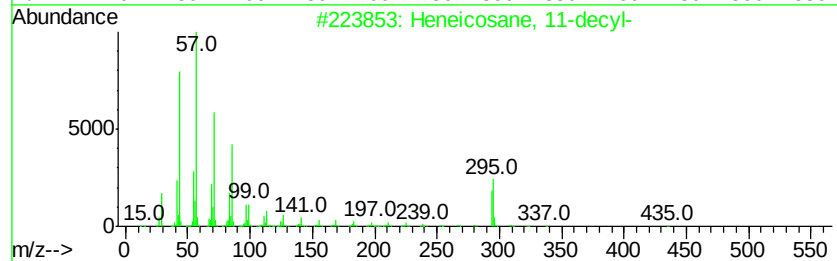
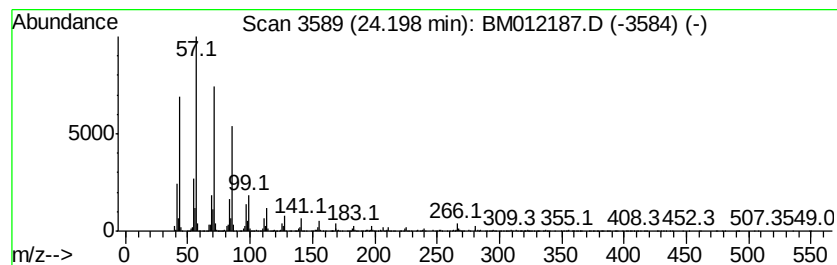
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	13.21 ng/ul	2545340	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	99
2		Octadecane	254	C18H38	000593-45-3	93
3		Docosane, 11-decyl-	451	C32H66	055401-55-3	90
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
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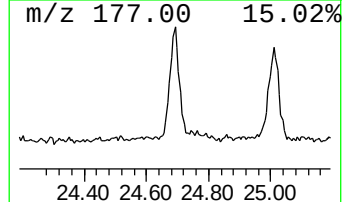
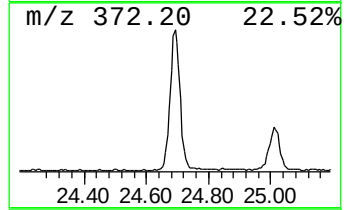
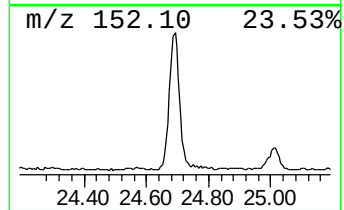
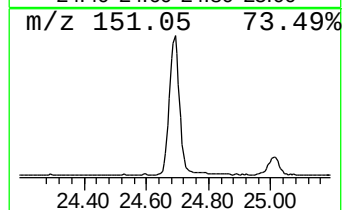
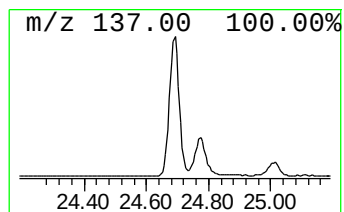
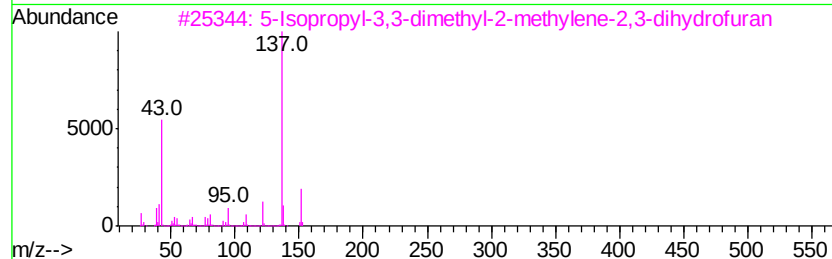
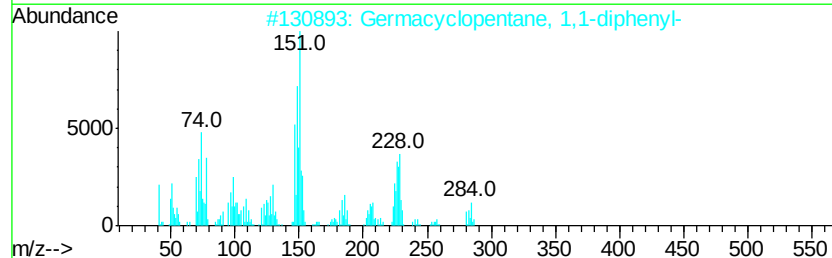
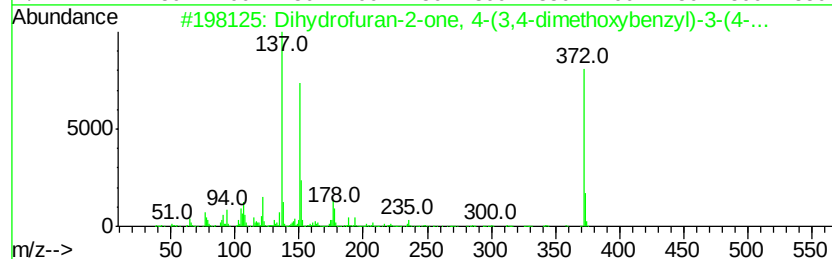
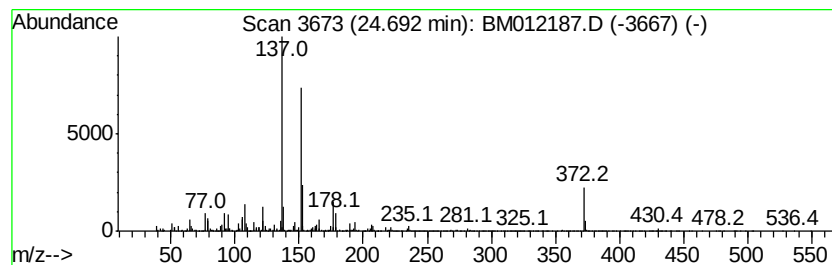
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Dihydrofuran-2-one, 4-(3,4-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	14.23 ng/ul	2740700	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dihydrofuran-2-one, 4-(3,4-dimet...	372	C21H24O6	1000295-41-7	96
2		Germacyclopentane, 1,1-diphenyl-	284	C16H18Ge	004514-06-1	64
3		5-Isopropyl-3,3-dimethyl-2-methyl...	152	C10H16O	081250-44-4	38
4		Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	38
5		3,4-Dimethoxyphenylacetone	194	C11H14O3	000776-99-8	38



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
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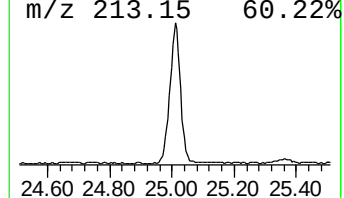
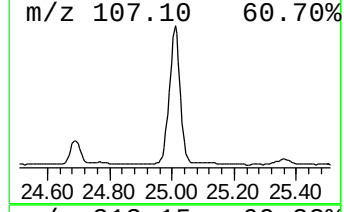
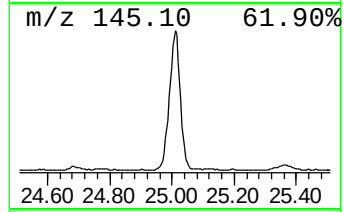
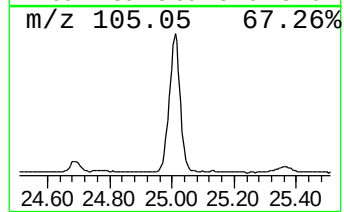
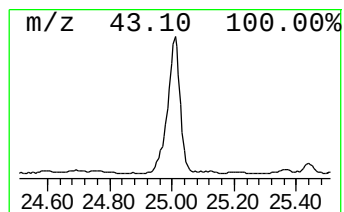
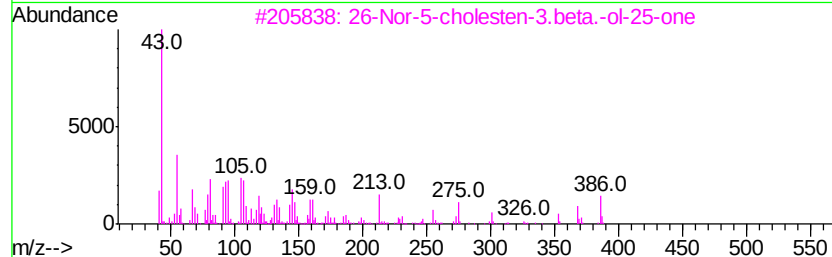
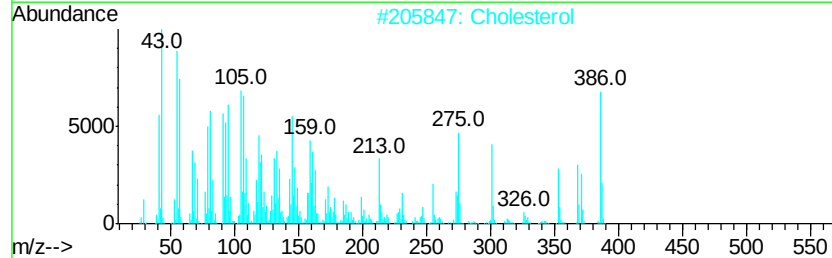
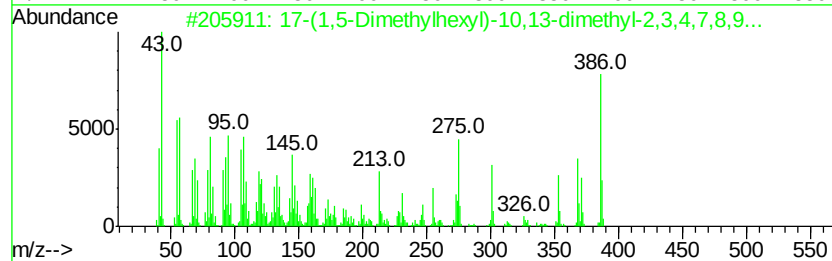
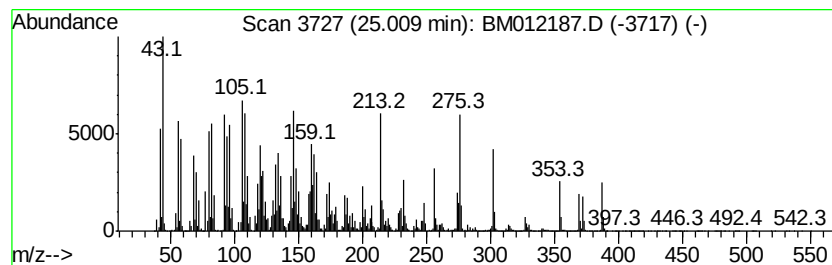
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.01	122.37 ng/ul	23573600	Perylene-d12	23.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2		Cholesterol	386	C27H46O	000057-88-5	99
3		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
4		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	89
5		Cholesterol	386	C27H46O	000057-88-5	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM101417\
 Data File : BM012187.D
 Acq On : 15 Oct 2017 01:18
 Operator : SJ/JU
 Sample : I5522-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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
cis-9-Hexadecenoic acid	18.03	8.4	ng/ul	1533770	4	17.21	3665000	20.0
n-Hexadecanoic acid	18.09	25.7	ng/ul	4710110	4	17.21	3665000	20.0
Heptadecanoic acid	18.76	2.1	ng/ul	394526	4	17.21	3665000	20.0
Octadecanoic acid	19.37	15.7	ng/ul	3909500	5	21.39	4993290	20.0
unknown-01	19.69	2.3	ng/ul	568375	5	21.39	4993290	20.0
(DEL) Alkane: Cyclohexane	21.07	5.8	ng/ul	1445860	5	21.39	4993290	20.0
1,19-Eicosadiene	22.66	8.4	ng/ul	1617030	6	23.70	3852760	20.0
(DEL) Alkane: Strigolactone	22.94	10.5	ng/ul	2014400	6	23.70	3852760	20.0
Oxirane, hexadecyl-	23.86	5.9	ng/ul	1132430	6	23.70	3852760	20.0
(DEL) Alkane: Strigolactone	24.20	13.2	ng/ul	2545340	6	23.70	3852760	20.0
Dihydrofuran-2-one	24.69	14.2	ng/ul	2740700	6	23.70	3852760	20.0
17-(1,5-Dimethylhex-4-en-1-yl)-1H-benzotriazole	25.01	122.4	ng/ul	23573600	6	23.70	3852760	20.0