

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022490.D
 Acq On : 01 Sep 2019 23:07
 Operator : HP/JU
 Sample : K4563-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CIW-6S-(0-4)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % 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_M\METHODS\8270-BM082919.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.128	358	364	379	rBV	234895	363811	29.62%	7.175%
2	6.704	626	632	653	rBV	218613	392318	31.94%	7.738%
3	7.040	683	689	702	rBV	265638	428095	34.86%	8.443%
4	7.504	763	768	775	rBB2	50040	73941	6.02%	1.458%
5	7.810	815	820	831	rBB	196701	324061	26.38%	6.391%
6	8.681	962	968	988	rBV	104787	228264	18.59%	4.502%
7	10.286	1235	1241	1253	rBV2	37496	78534	6.39%	1.549%
8	12.774	1658	1664	1675	rBV	307533	491412	40.01%	9.692%
9	13.533	1788	1793	1798	rBV	10816	15346	1.25%	0.303%
10	13.616	1802	1807	1810	rVV	8698	12453	1.01%	0.246%
11	13.663	1810	1815	1822	rVB	16113	24275	1.98%	0.479%
12	14.168	1895	1901	1909	rBV2	69441	115272	9.39%	2.273%
13	15.686	2153	2159	2176	rBV	330902	532471	43.35%	10.502%
14	16.945	2368	2373	2385	rBV2	86555	145259	11.83%	2.865%
15	17.833	2520	2524	2530	rBV2	14673	26598	2.17%	0.525%
16	19.127	2740	2744	2749	rBV3	7238	14005	1.14%	0.276%
17	19.580	2816	2821	2832	rBV	1020269	1228209	100.00%	24.224%
18	20.850	3032	3037	3046	rBV4	34482	61461	5.00%	1.212%
19	21.162	3085	3090	3100	rBV	160468	260819	21.24%	5.144%
20	23.344	3455	3461	3471	rVB	118279	253708	20.66%	5.004%

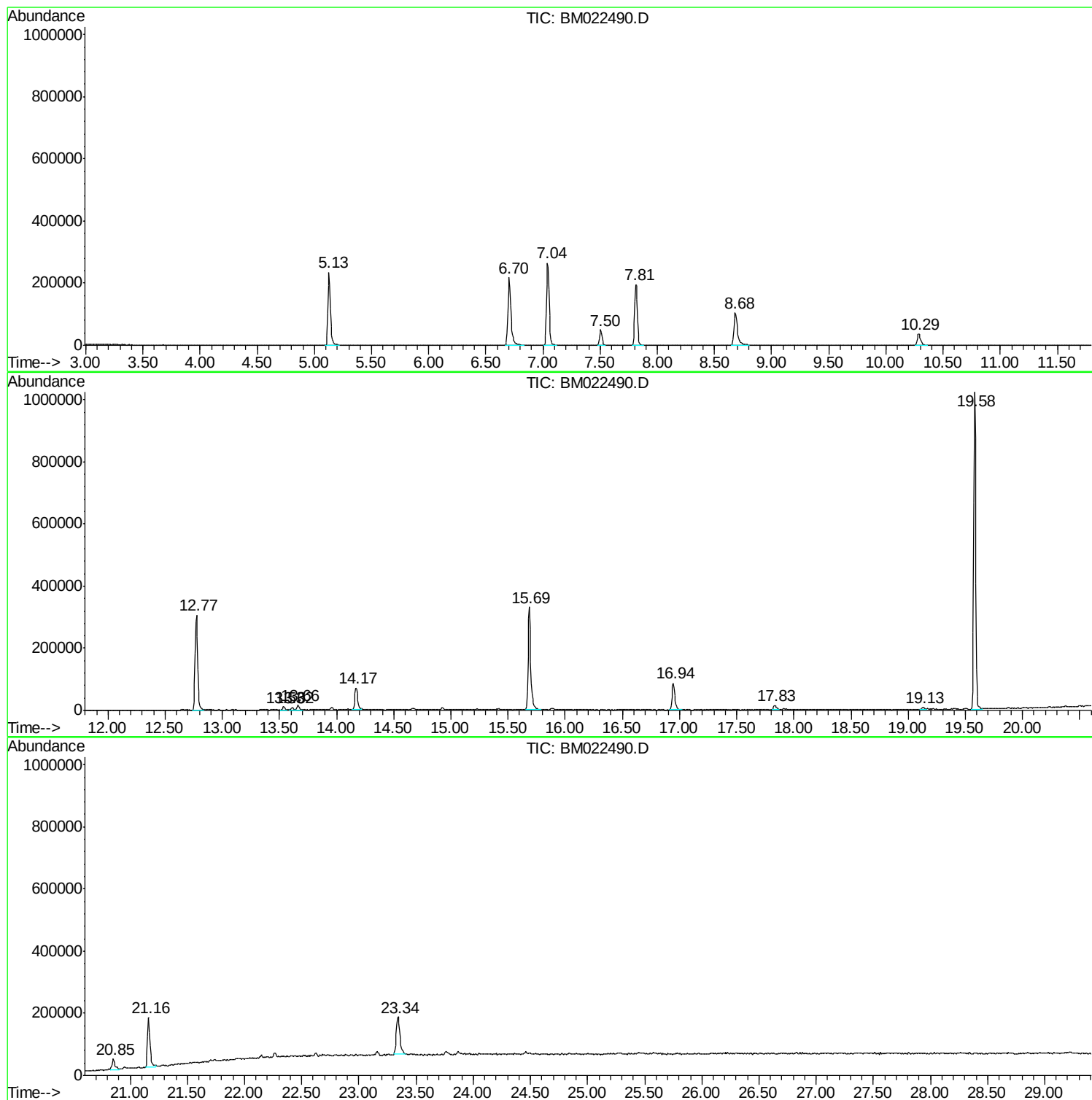
Sum of corrected areas: 5070312

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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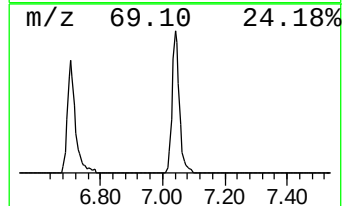
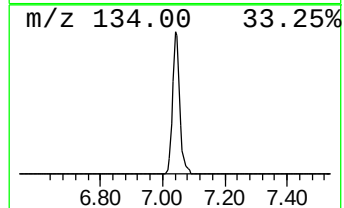
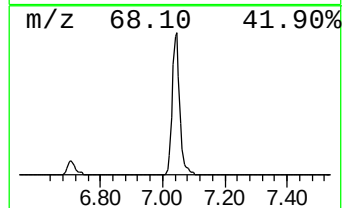
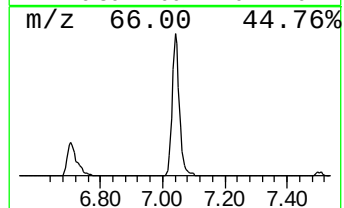
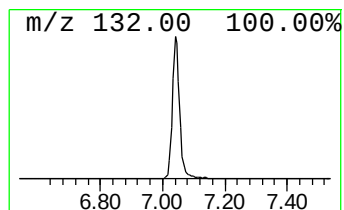
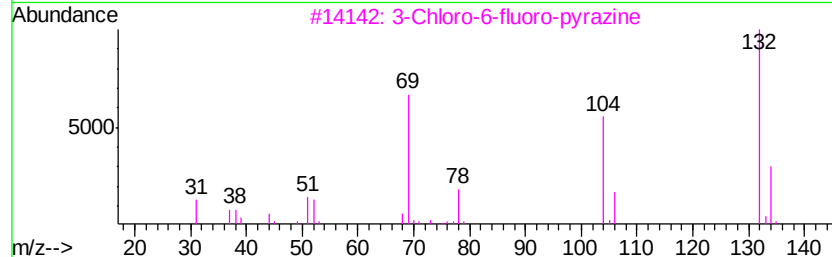
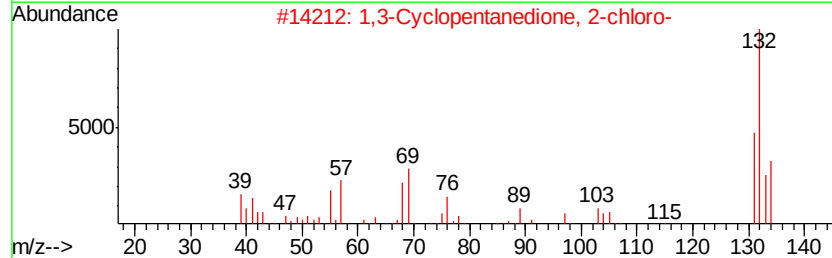
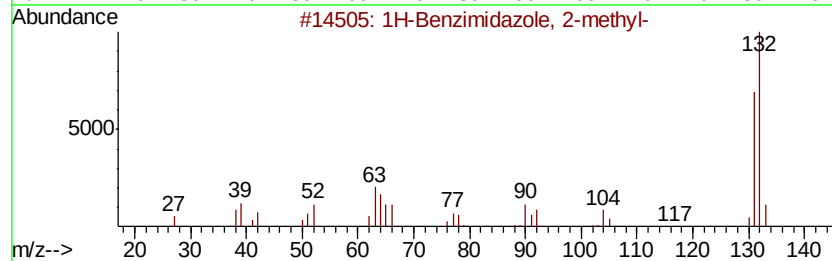
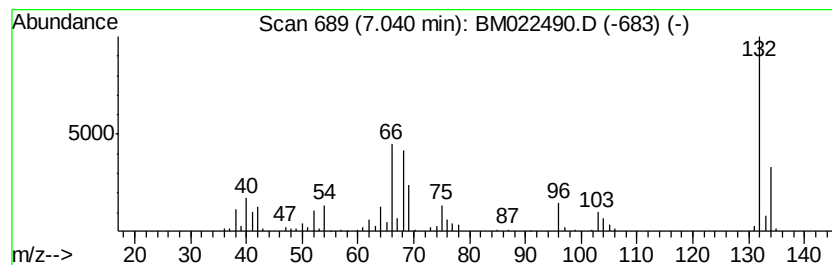
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	115.79 ng	428095	1,4-Dichlorobenzene-d4	7.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	18
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
5		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14



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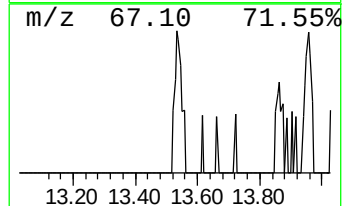
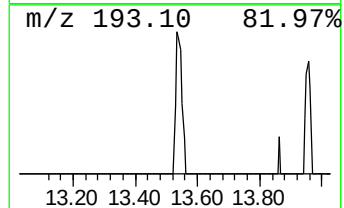
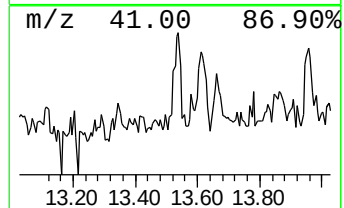
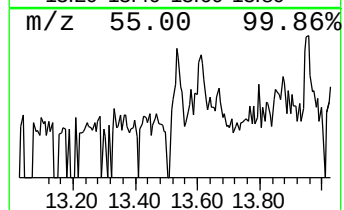
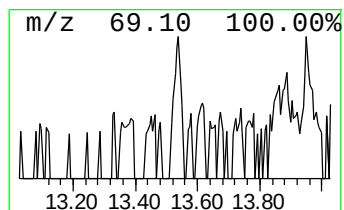
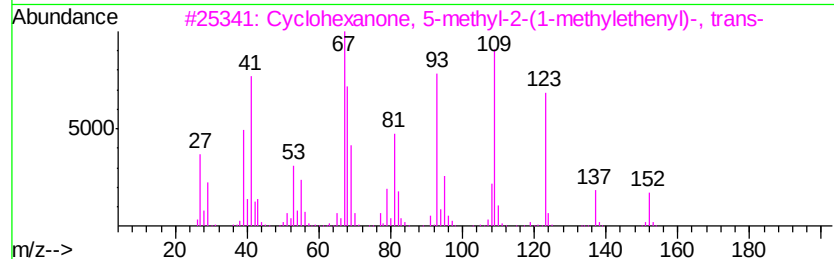
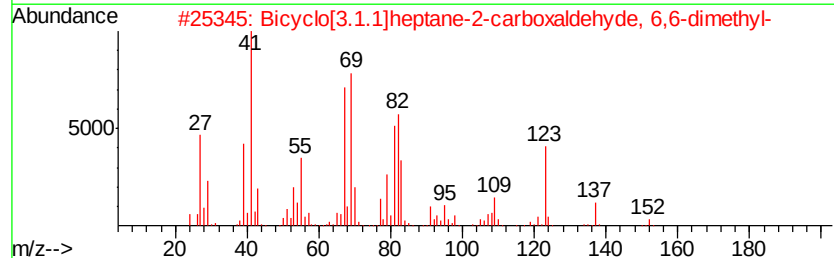
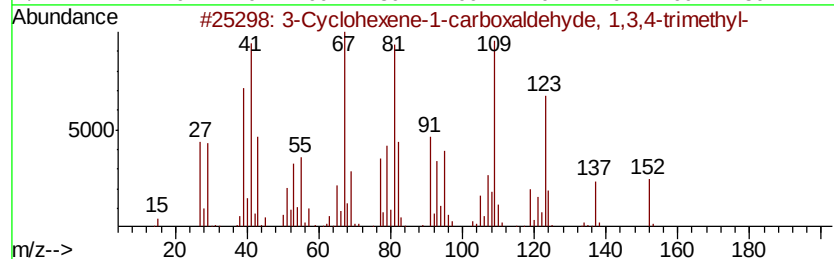
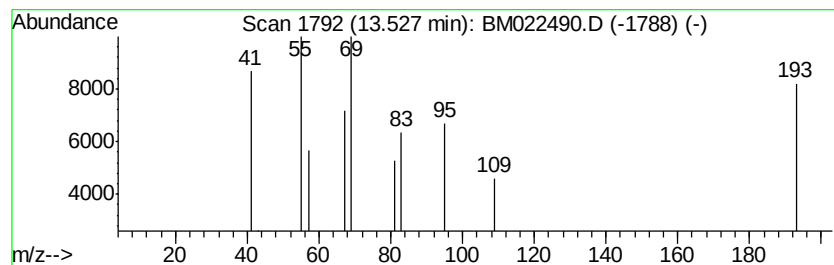
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Peak Number 3 unknown13.53 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.53	2.66 ng	15346	Acenaphthene-d10	14.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	38
2	Bicyclo[3.1.1]heptane-2-carboxal...	152	C10H16O	004764-14-1	27
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	17
4	Cyclohexanone, 2-(1-methyl-2-nit...	185	C9H15NO3	019307-62-1	16
5	2-Allyl-2-methyl-1,3-cyclopentan...	152	C9H12O2	026828-48-8	16



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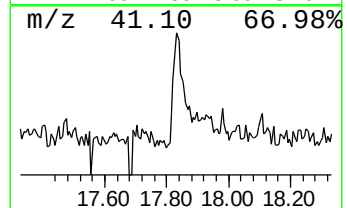
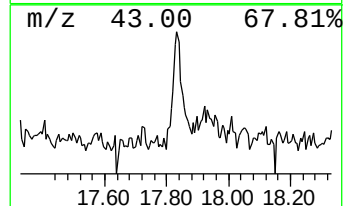
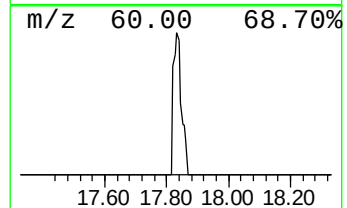
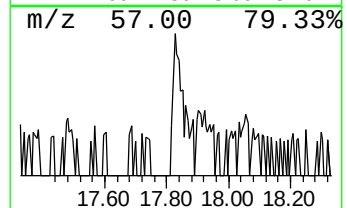
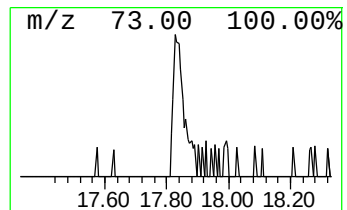
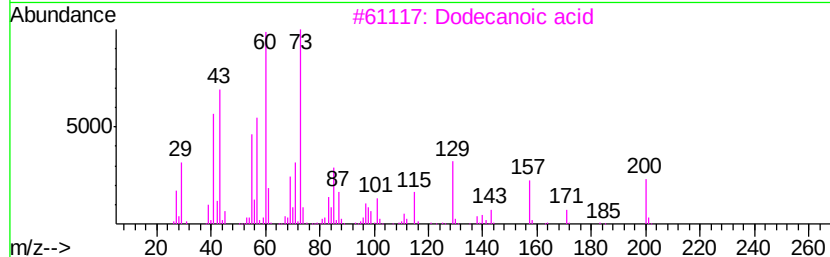
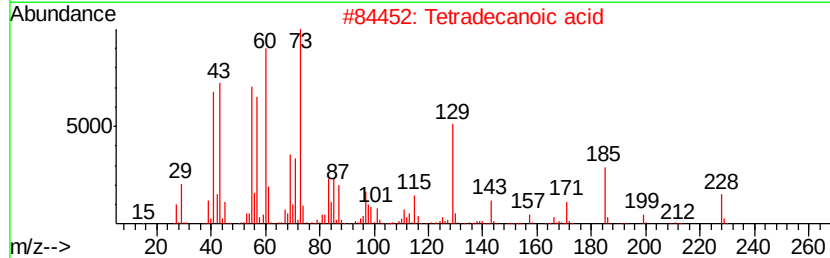
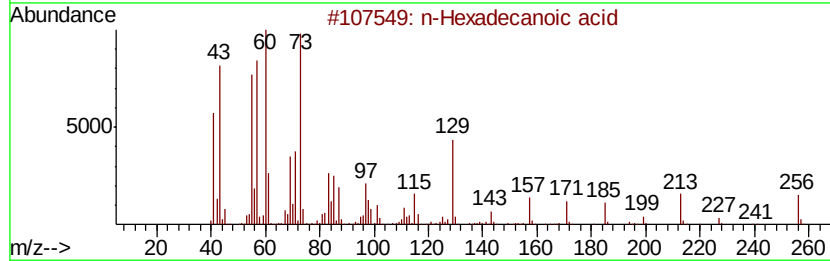
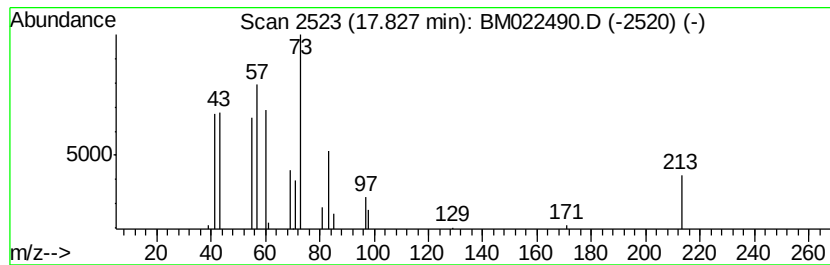
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.66 ng	26598	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	47
3		Dodecanoic acid	200	C12H24O2	000143-07-7	43
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5		Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	10



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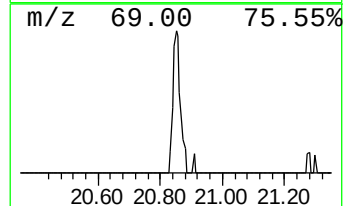
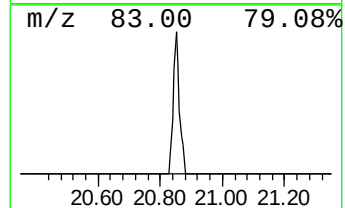
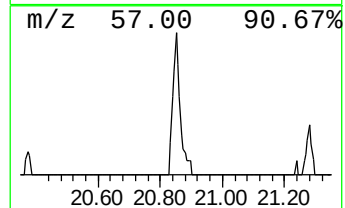
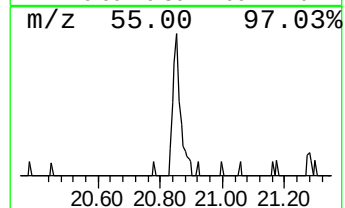
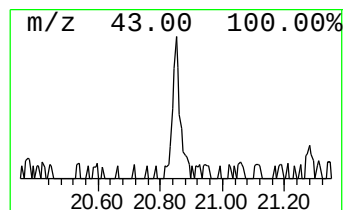
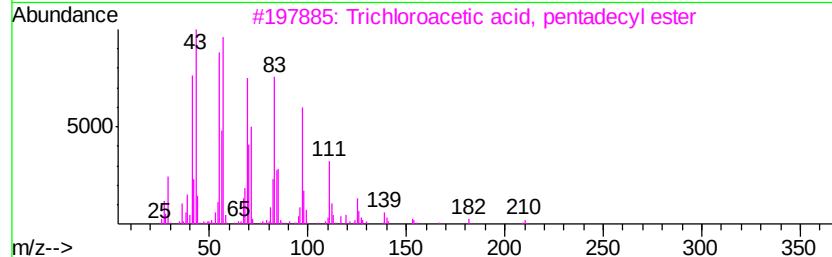
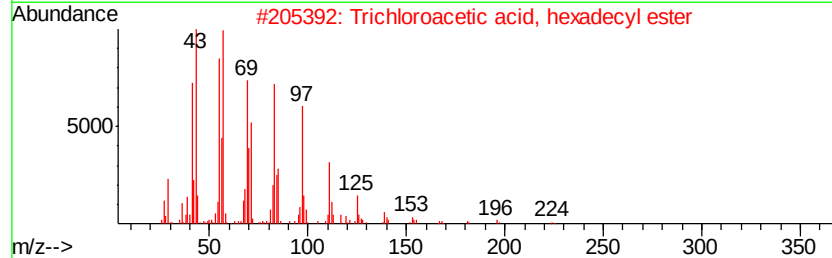
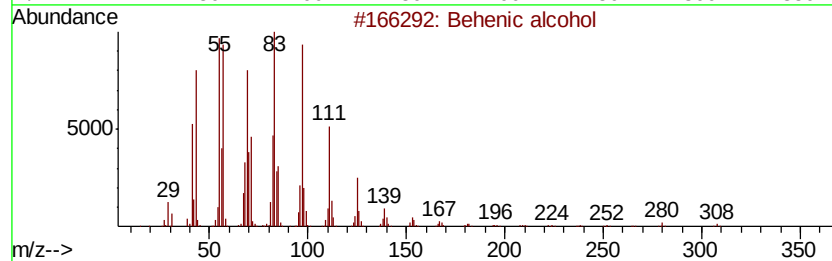
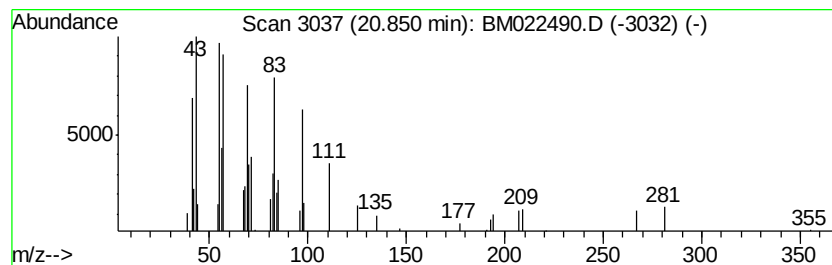
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Peak Number 5 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	4.71 ng	61461	Chrysene-d12	21.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.04	7.04	115.8	ng	428095	1	7.50	73941	20.0
unknown13.53	13.53	2.7	ng	15346	3	14.17	115272	20.0
n-Hexadecanoic acid	17.83	3.7	ng	26598	4	16.94	145259	20.0
Behenic alcohol	20.85	4.7	ng	61461	5	21.16	260819	20.0