

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
 Data File : BM022420.D
 Acq On : 29 Aug 2019 22:36
 Operator : HP/JU
 Sample : K4596-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-5-082819

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % 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

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	5.146	361	367	379	rVB	159298	240452	11.12%	2.628%
2	6.722	629	635	647	rBV	89619	154340	7.14%	1.687%
3	7.057	686	692	704	rBB	341012	538012	24.88%	5.881%
4	7.522	765	771	777	rBB	81322	121000	5.60%	1.323%
5	7.834	817	824	833	rBB	318052	503904	23.30%	5.508%
6	8.693	964	970	987	rBV	219977	388965	17.99%	4.252%
7	10.298	1237	1243	1252	rVB	81151	138530	6.41%	1.514%
8	12.786	1660	1666	1681	rBV	633360	922235	42.65%	10.081%
9	14.186	1898	1904	1912	rBB2	124790	185887	8.60%	2.032%
10	15.698	2155	2161	2175	rBB	663526	895795	41.43%	9.792%
11	16.957	2369	2375	2384	rBV	157895	231167	10.69%	2.527%
12	17.615	2483	2487	2490	rBV	31824	32292	1.49%	0.353%
13	19.598	2818	2824	2831	rBV	1931274	2162382	100.00%	23.638%
14	20.304	2935	2944	2954	rBV	1389127	1732058	80.10%	18.934%
15	20.862	3035	3039	3045	rBV3	33322	47831	2.21%	0.523%
16	21.168	3086	3091	3098	rBV	309919	398807	18.44%	4.359%
17	22.168	3258	3261	3268	rVB5	33315	56400	2.61%	0.617%
18	23.356	3457	3463	3470	rBV	219111	398031	18.41%	4.351%

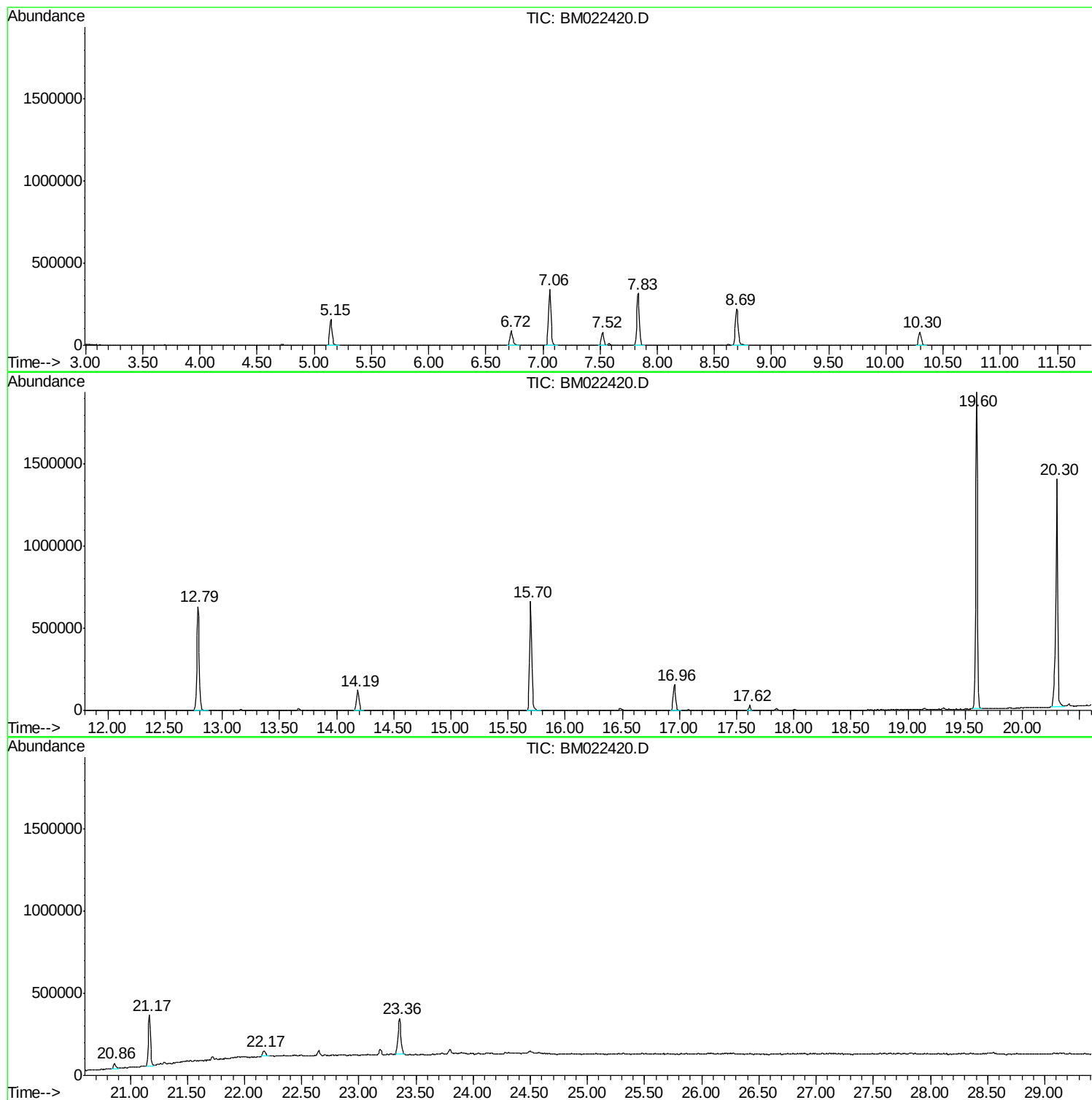
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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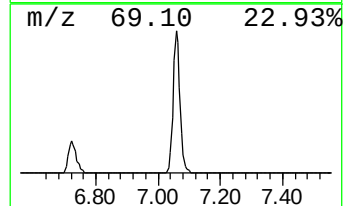
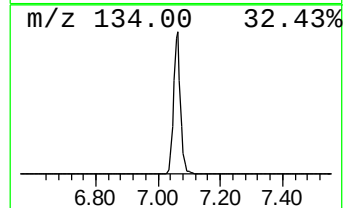
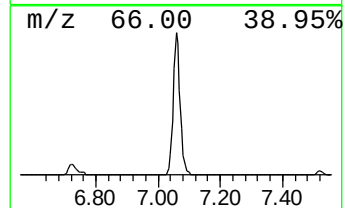
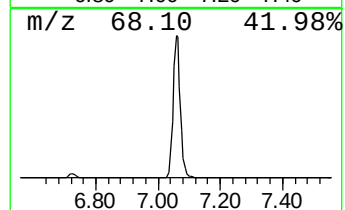
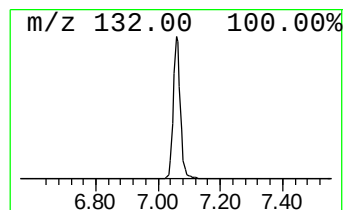
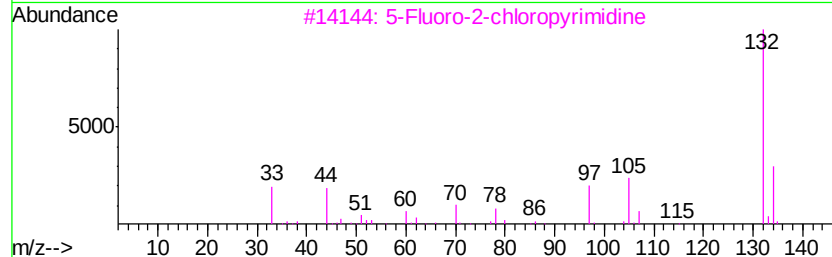
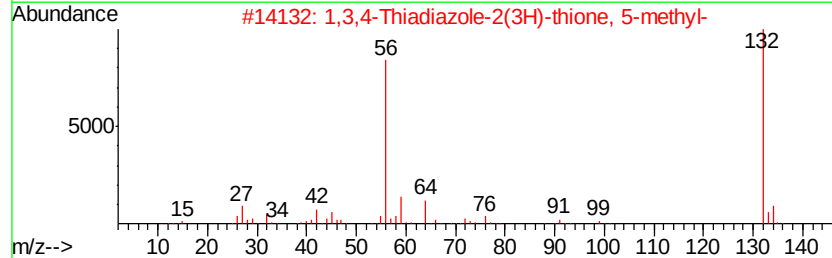
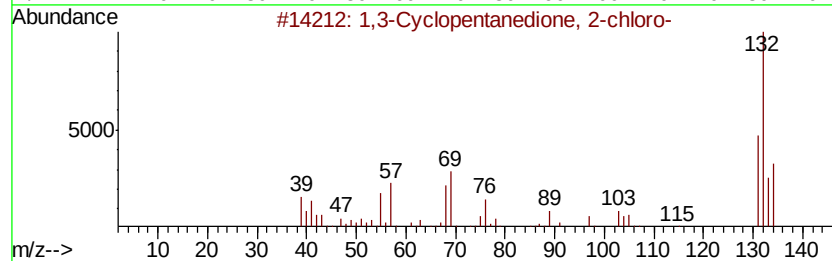
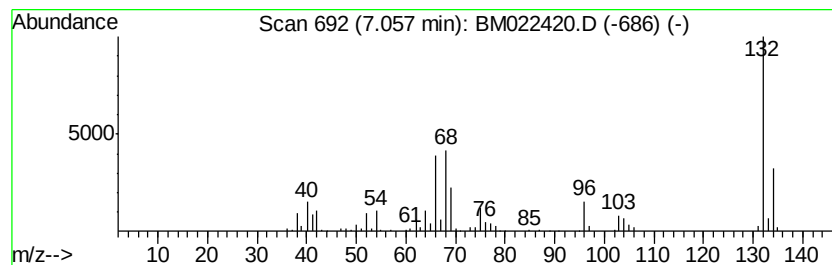
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	88.93 ng	538012	1,4-Dichlorobenzene-d4	7.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
5		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10



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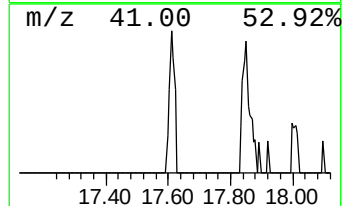
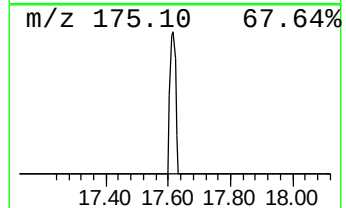
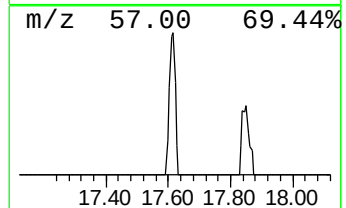
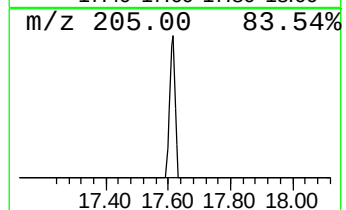
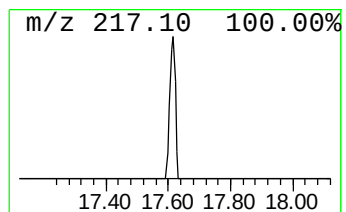
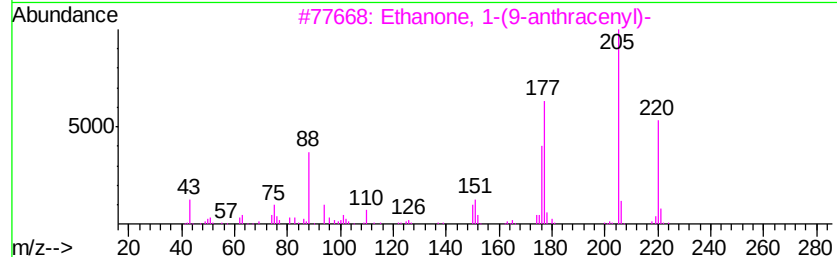
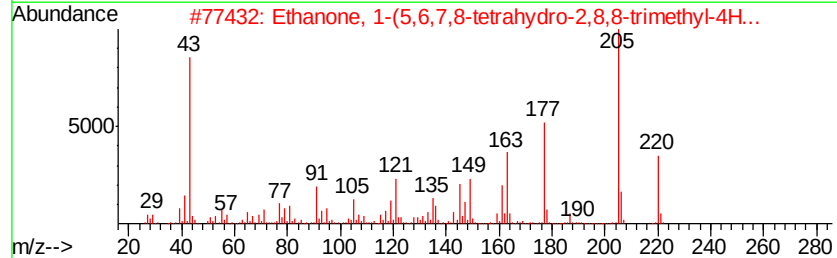
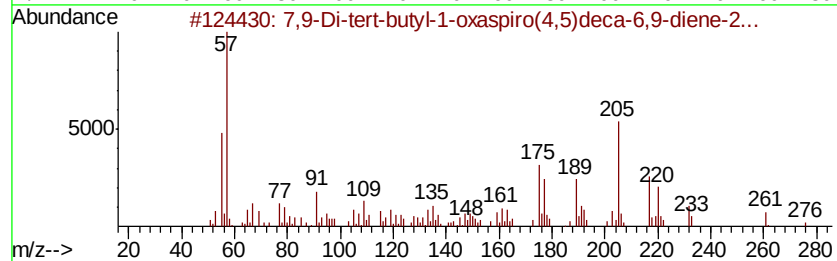
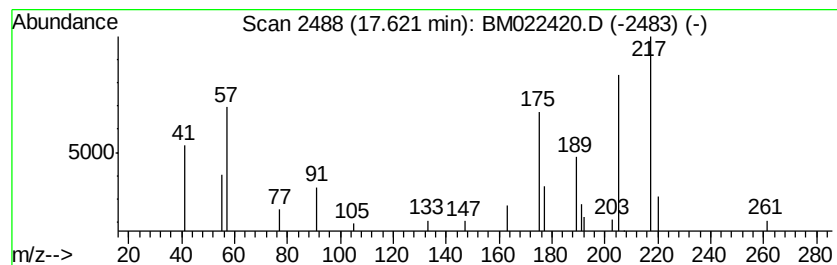
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	2.79 ng	32292	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	72
2		Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38
3		Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	22
4		1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	20
5		9-Ethyl-10-methylantracene	220	C17H16	019713-49-6	18



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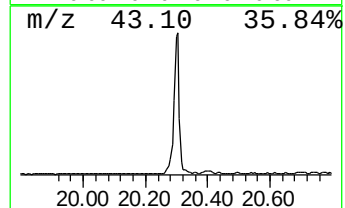
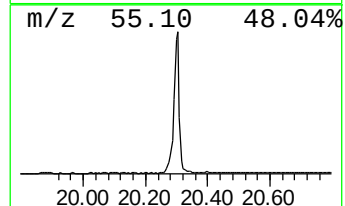
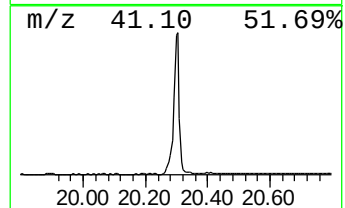
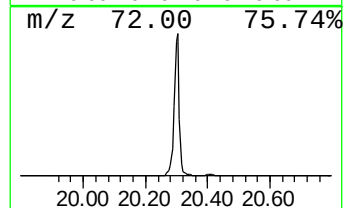
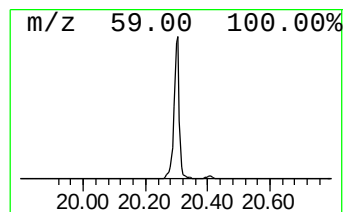
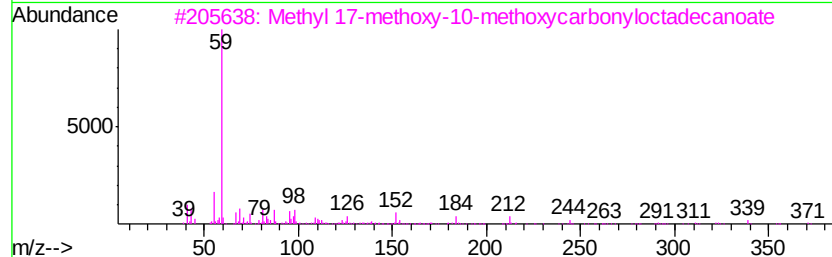
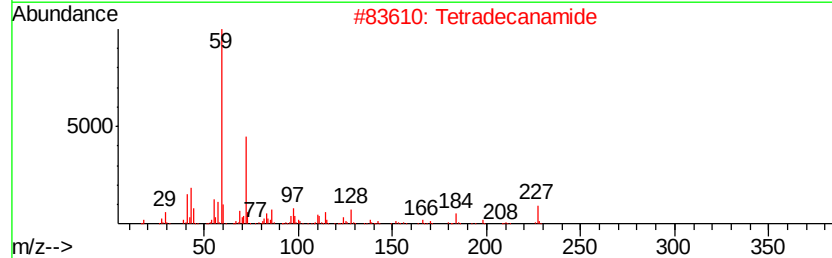
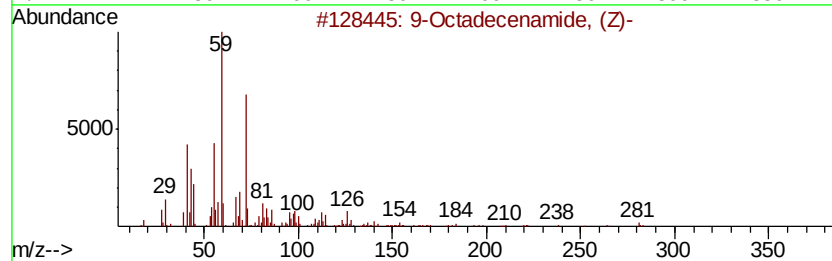
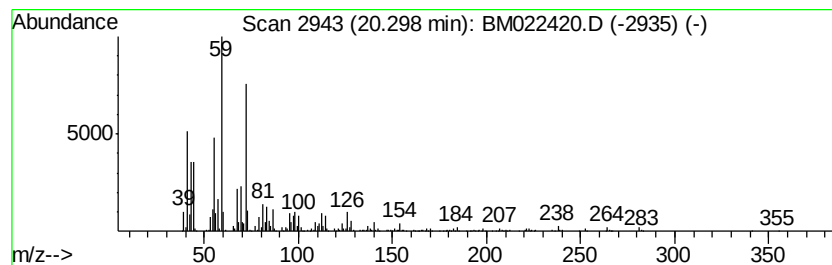
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Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	86.86 ng	1732060	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2		Tetradecanamide	227	C14H29NO	000638-58-4	50
3		Methyl 17-methoxy-10-methoxycarb...	386	C22H42O5	1000110-20-7	38
4		Dodecanamide	199	C12H25NO	001120-16-7	38
5		Hexanamide	115	C6H13NO	000628-02-4	35



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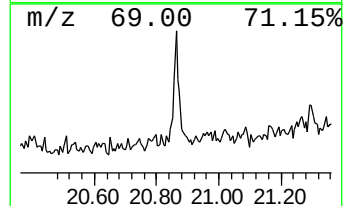
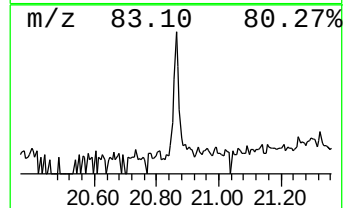
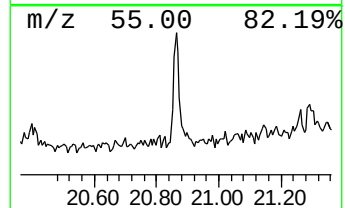
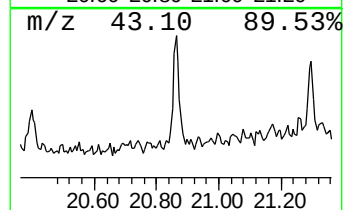
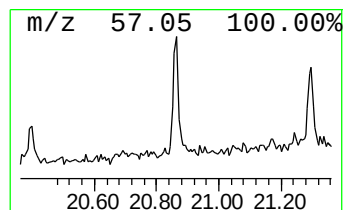
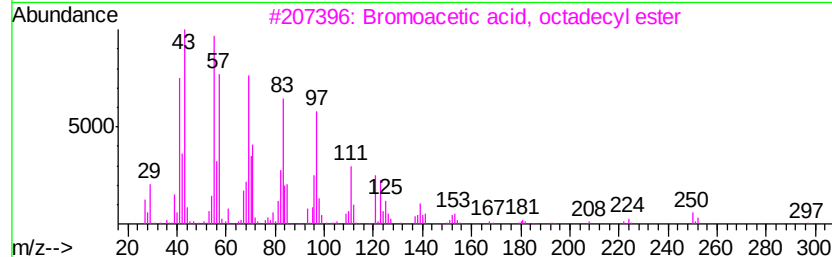
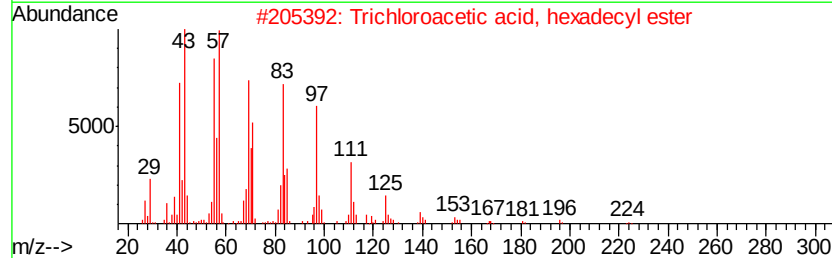
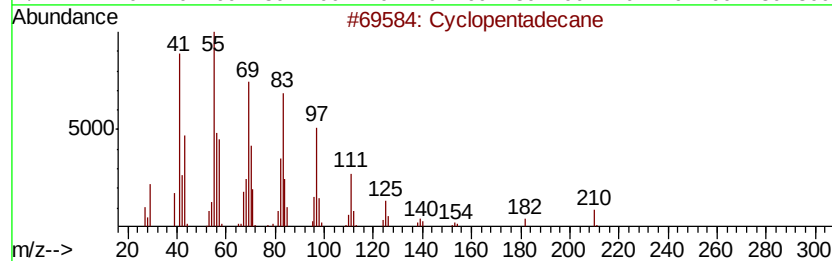
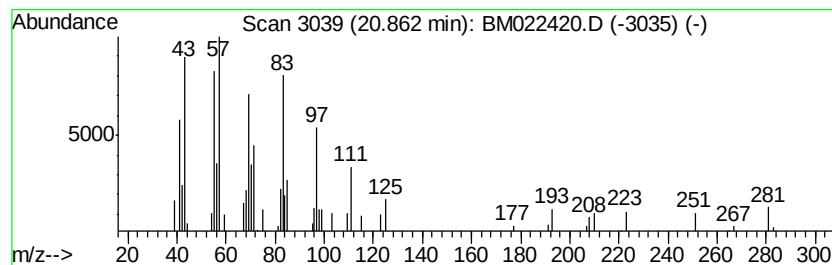
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Peak Number 5 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.86	2.40 ng	47831	Chrysene-d12	21.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	74
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	64
5	Cyclopentane, decyl-	210	C15H30	001795-21-7	64



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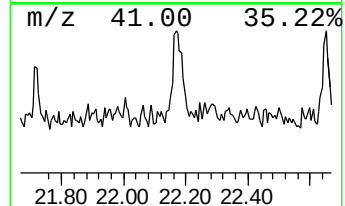
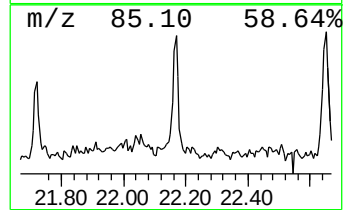
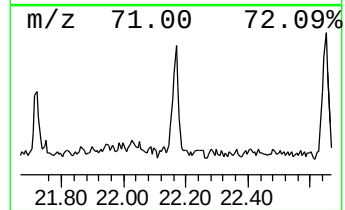
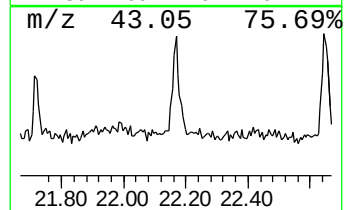
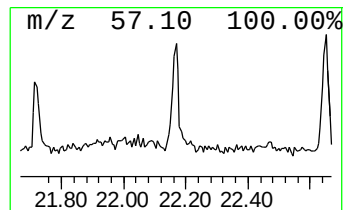
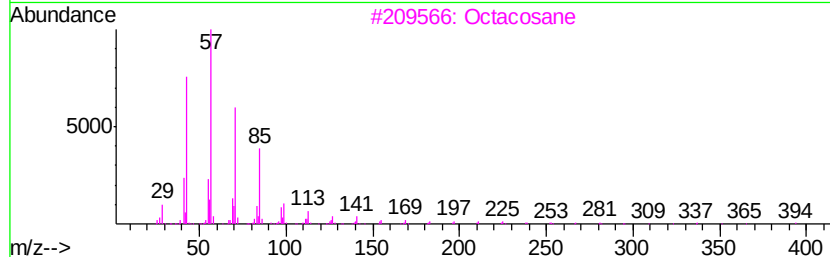
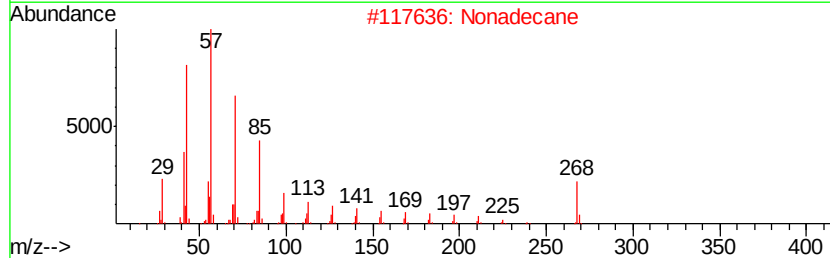
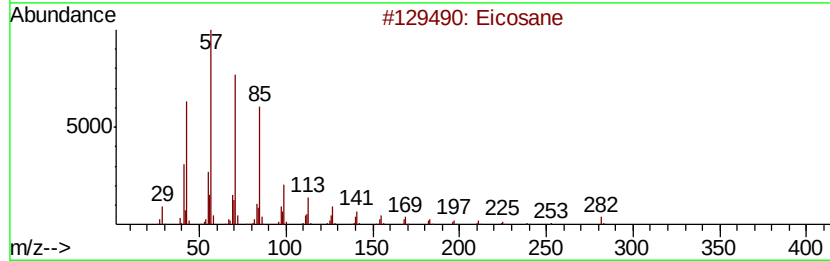
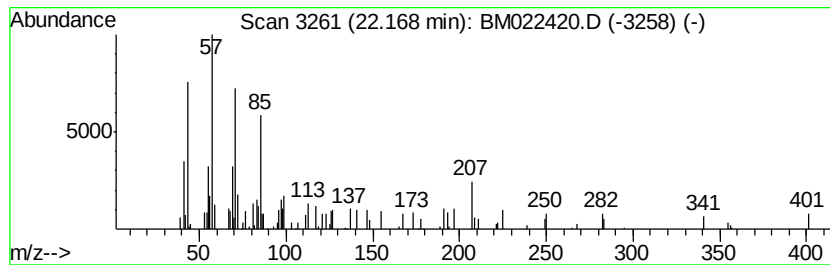
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Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	2.83 ng	56400	Chrysene-d12	21.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	70
2	Nonadecane	268 C19H40	000629-92-5	55
3	Octacosane	394 C28H58	000630-02-4	52
4	Tetracosane	338 C24H50	000646-31-1	49
5	1-Trifluorosilyltridecane	268 C13H27F3Si	1000217-08-2	49



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TIC Library : C:\DATABASE\NIST11.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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7,9-Di-tert-butyl...	17.62	2.8	ng	32292	4	16.96	231167	20.0
9-Octadecenamide, ...	20.30	86.9	ng	1732060	5	21.17	398807	20.0
Cyclopentadecane	20.86	2.4	ng	47831	5	21.17	398807	20.0
Eicosane	22.17	2.8	ng	56400	5	21.17	398807	20.0