LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140076.D
Acq On : 28 Oct 2024 10:01
Operator : RC/JU
Sample : PB164444BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164444BL

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_F\Methods\8270-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140076.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.516	575	582	587	rBV	2662582	3725146	77.03%	11.849%
2	6.510	741	751	756	rBV	2819209	4135625	85.52%	13.155%
3	6.886	810	815	820	rBV	669555	812729	16.81%	2.585%
4	7.445	903	910	916	rBV	1711112	2527761	52.27%	8.040%
5	7.639	936	943	948	rVB	694464	949491	19.63%	3.020%
6	8.169	1026	1033	1038	rBV	820930	1074238	22.21%	3.417%
7	8.680	1114	1120	1126	rVB	458735	620476	12.83%	1.974%
8	9.245	1208	1216	1221	rBV	3246326	4524056	93.55%	14.390%
9	9.604	1271	1277	1282	rVB	285161	357878	7.40%	1.138%
10	9.922	1324	1331	1354	rVB	953998	1265680	26.17%	4.026%
11	10.416	1410	1415	1421	rBV	161207	210035	4.34%	0.668%
12	10.710	1459	1465	1490	rBV	1939448	2753010	56.93%	8.757%
13	11.116	1526	1534	1539	rBV	120989	149461	3.09%	0.475%
14	11.410	1578	1584	1600	rVB	1049279	1316293	27.22%	4.187%
15	11.733	1634	1639	1644	rVB	84741	105220	2.18%	0.335%
16	12.298	1730	1735	1741	rVB	64722	80734	1.67%	0.257%
17	12.810	1816	1822	1826	rBV	46217	61846	1.28%	0.197%
18	12.998	1848	1854	1859	rBV	3573794	4835769	100.00%	15.382%
19	13.715	1971	1976	1983	rVB	41297	57042	1.18%	0.181%
20	14.045	2024	2032	2042	rBV	684658	974107	20.14%	3.098%
21	14.127	2042	2046	2056	rVB	55267	80194	1.66%	0.255%
22	14.515	2107	2112	2120	rBV	56828	84886	1.76%	0.270%
23	14.904	2173	2178	2184	rBV	38239	59296	1.23%	0.189%
24	15.527	2278	2284	2304	rVB	386867	677530	14.01%	2.155%

Sum of corrected areas: 31438503

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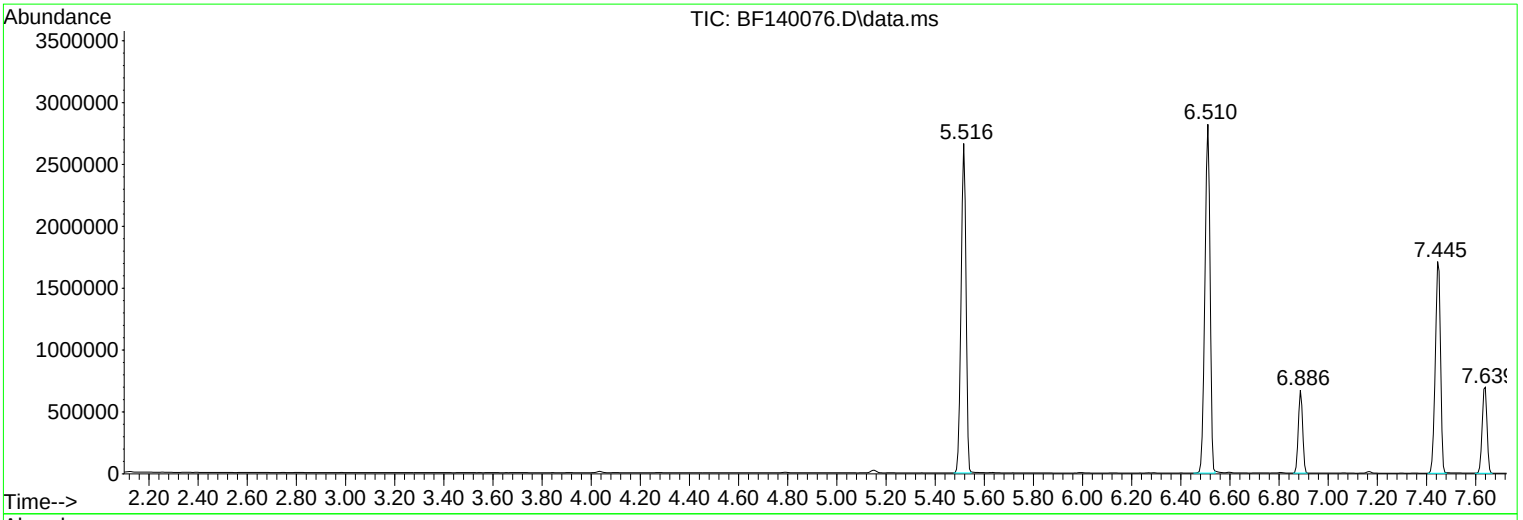
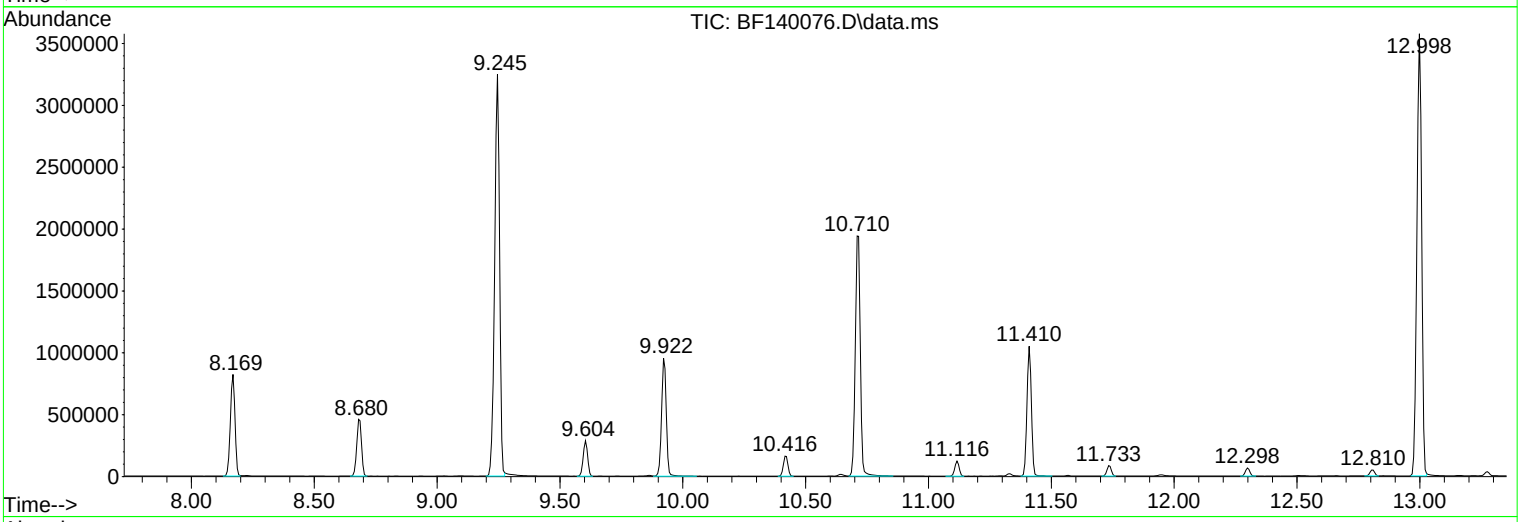
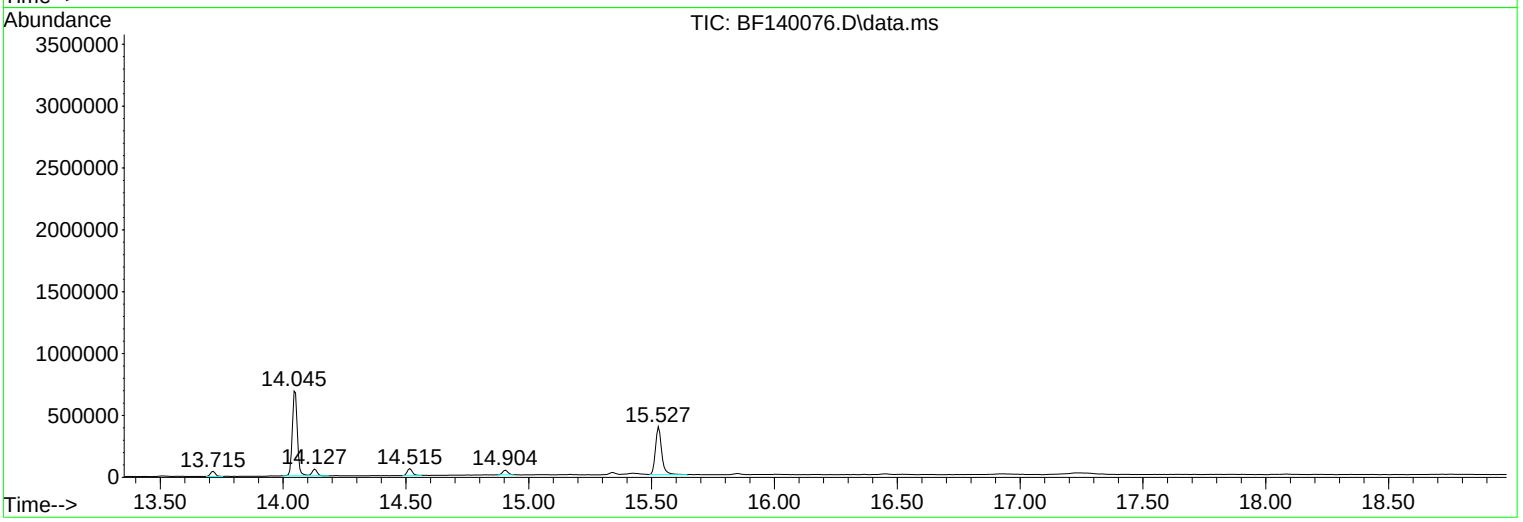
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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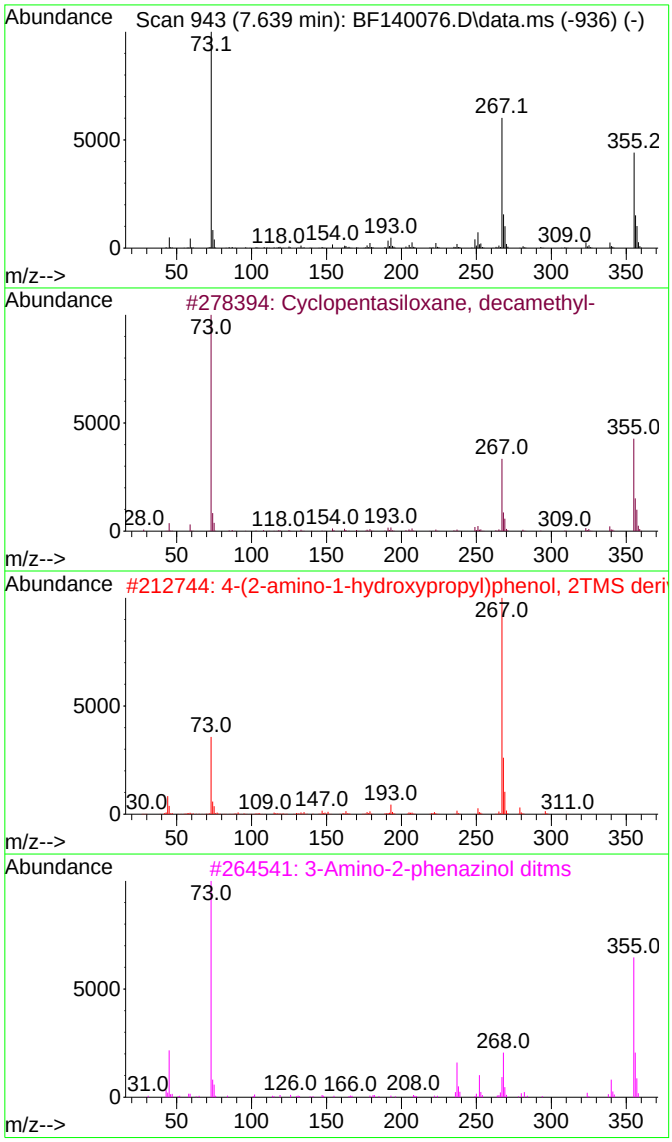
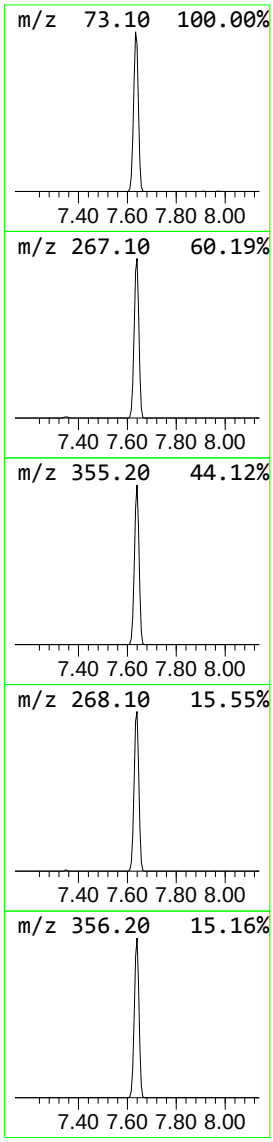
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.639	17.68 ng	949491	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
2	4-(2-amino-1-hydroxypropyl)pheno...	311	C15H29NO2Si2	1000478-98-6	55
3	3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	52
4	Epinephrine, (.beta.)-, 3TMS der...	399	C18H37NO3Si3	010538-85-9	43
5	2,5-Dihydroxybenzaldehyde, 2TMS ...	282	C13H22O3Si2	056114-69-3	38





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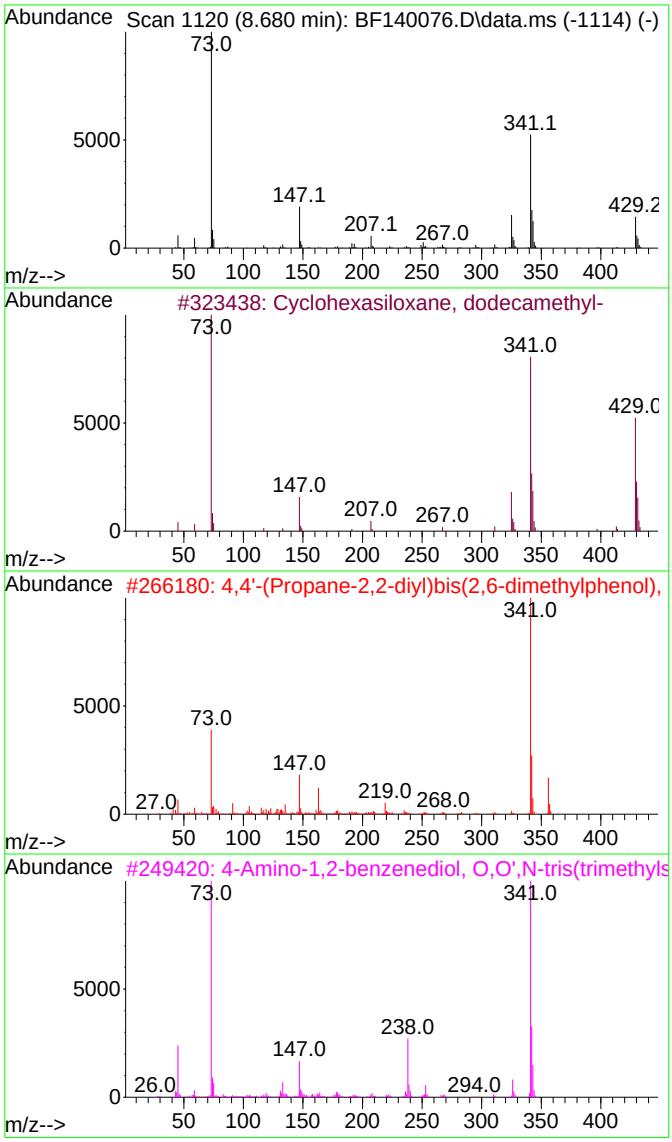
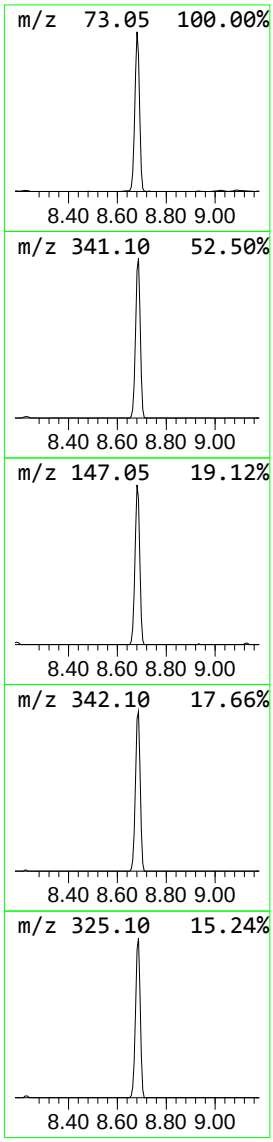
****
Peak Number 2 Cyclohexasiloxane, dodecame... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.680	11.55 ng	620476	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	91
2	4,4'-(Propane-2,2-diyl)bis(2,6-d...	356	C22H32O2Si	1000488-58-4	50
3	4-Amino-1,2-benzenediol, O,O',N-...	341	C15H31NO2Si3	1000493-87-4	46
4	5-Amino-1-methyl-1H-pyrazole-4-c...	356	C14H32N4OSi3	1000509-52-4	45
5	2,4'-Dimethoxy-2'-(trimethylsily...	356	C20H24O4Si	1010454-30-7	38





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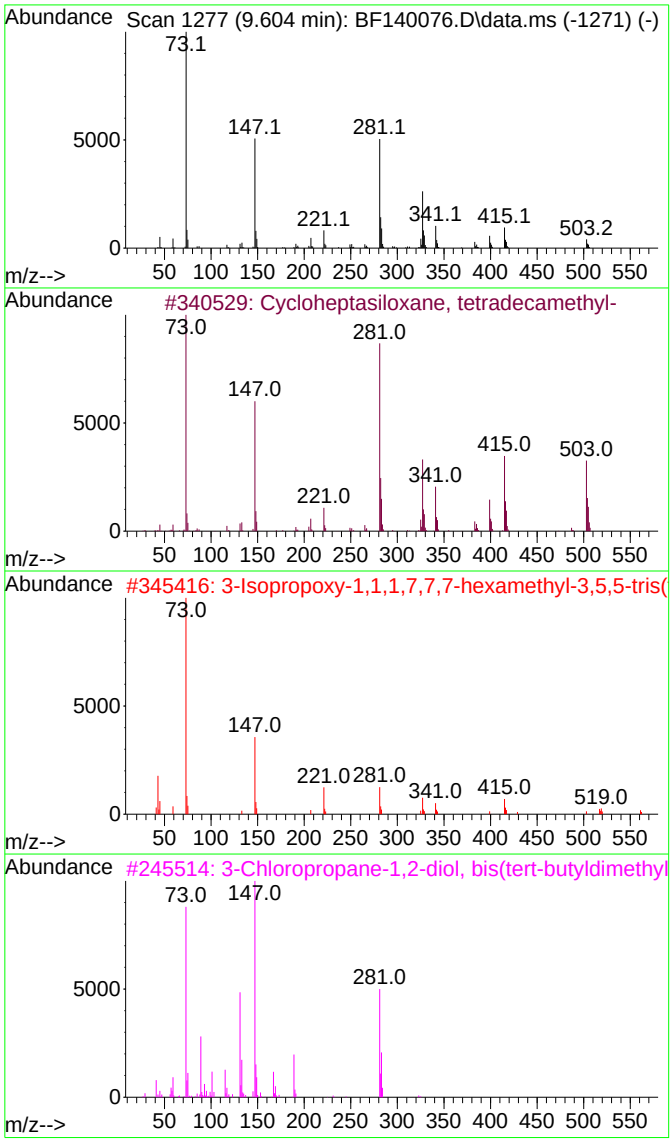
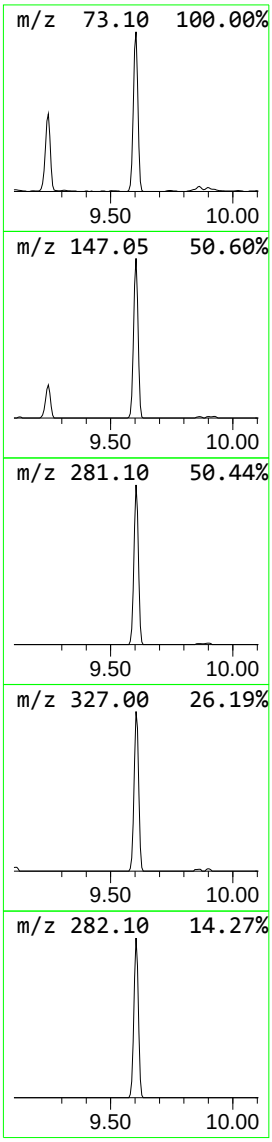
****
Peak Number 3 Cycloheptasiloxane, tetrade... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	5.66 ng	357878	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptasiloxane, tetradecamet...	518	C14H42O7Si7	000107-50-6	93
2	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	47
3	3-Chloropropane-1,2-diol, bis(te...	338	C15H35ClO2Si2	1010417-31-1	47
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	47
5	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	27





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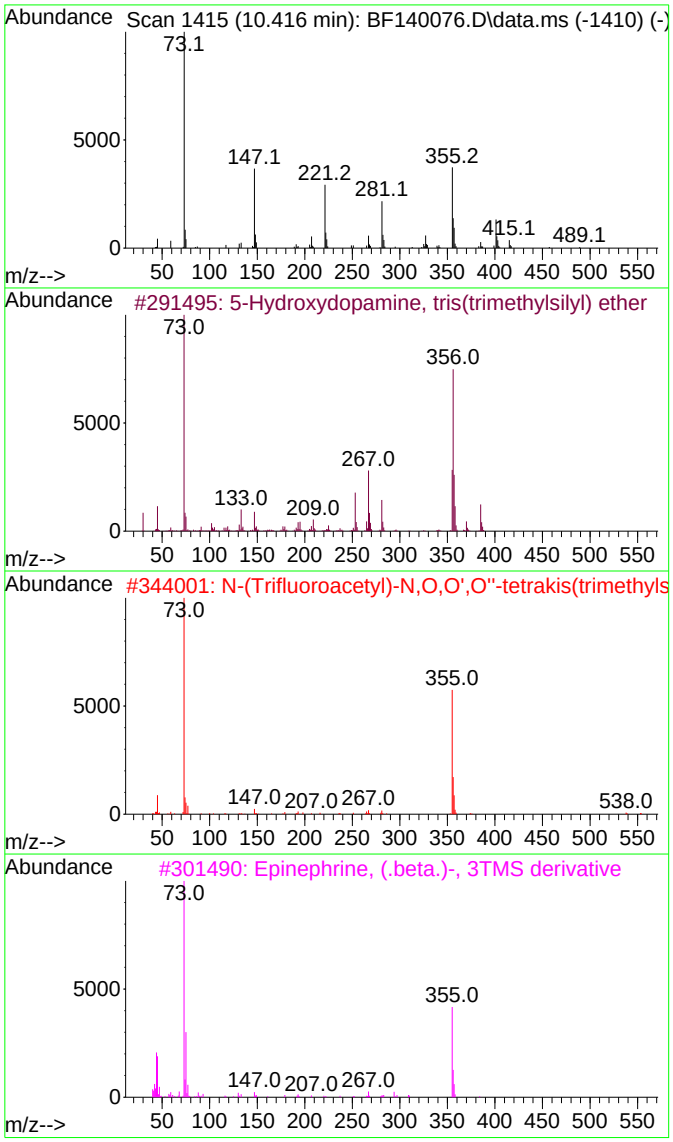
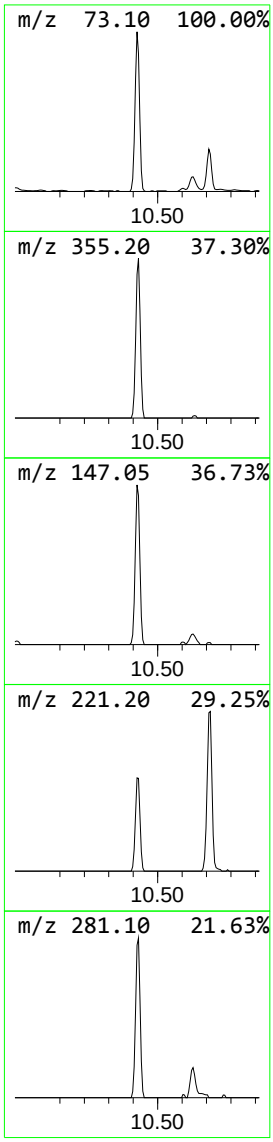
Peak Number 4 unknown10.416 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	3.32 ng	210035	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hydroxydopamine, tris(trimethy...	385	C17H35NO3Si3	1000481-20-5	25
2	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	1000072-26-7	16
3	Epinephrine, (.beta.)-, 3TMS der...	399	C18H37NO3Si3	010538-85-9	14
4	Benzeneethanamine, N-[(pentafluo...	563	C24H34F5NO3Si3	055429-13-5	14
5	2,5-Dihydroxybenzoic acid, 3TMS ...	370	C16H30O4Si3	003618-20-0	12





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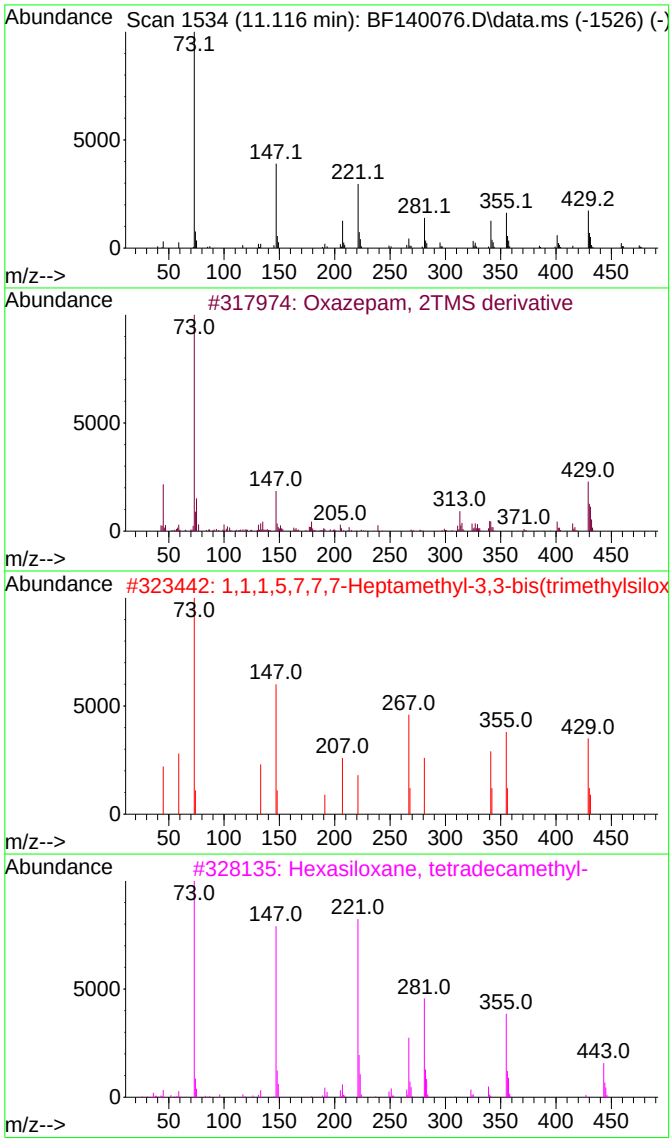
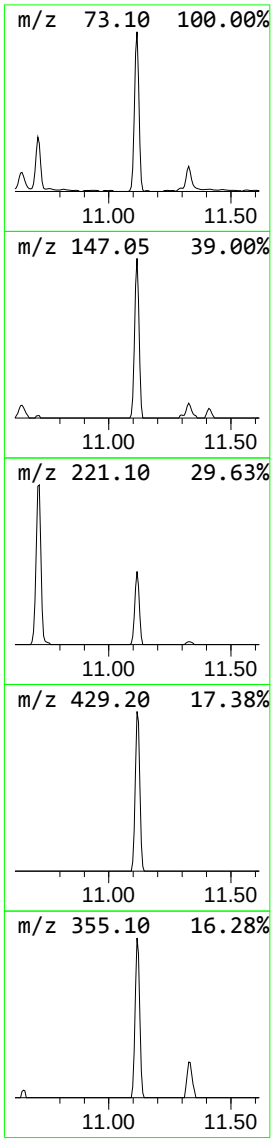
****

Peak Number 5 Oxazepam, 2TMS derivative Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	2.27 ng	149461	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazepam, 2TMS derivative	430	C21H27ClN2O2Si2	055319-93-2	62
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	47
3	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	37
4	3-Hydrazino-1,2-benzisothiazole ...	341	C13H23N3O2SSi2	1000475-41-2	30
5	3-Trimethylsilyloxystearic acid,...	444	C24H52O3Si2	1000079-42-6	25





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentasilox...	7.639	17.7	ng	949491	2	8.169	1074240	20.0
Cyclohexasiloxa...	8.680	11.6	ng	620476	2	8.169	1074240	20.0
Cycloheptasilox...	9.604	5.7	ng	357878	3	9.922	1265680	20.0
unknown10.416	10.416	3.3	ng	210035	3	9.922	1265680	20.0
Oxazepam, 2TMS ...	11.116	2.3	ng	149461	4	11.410	1316290	20.0