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 Data File : BM045297.D
 Acq On : 17 Apr 2024 01:35
 Operator : MA/JU
 Sample : P2099-01
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R55

Quant Time: Apr 17 02:05:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 15 22:24:11 2024
 Response via : Initial Calibration

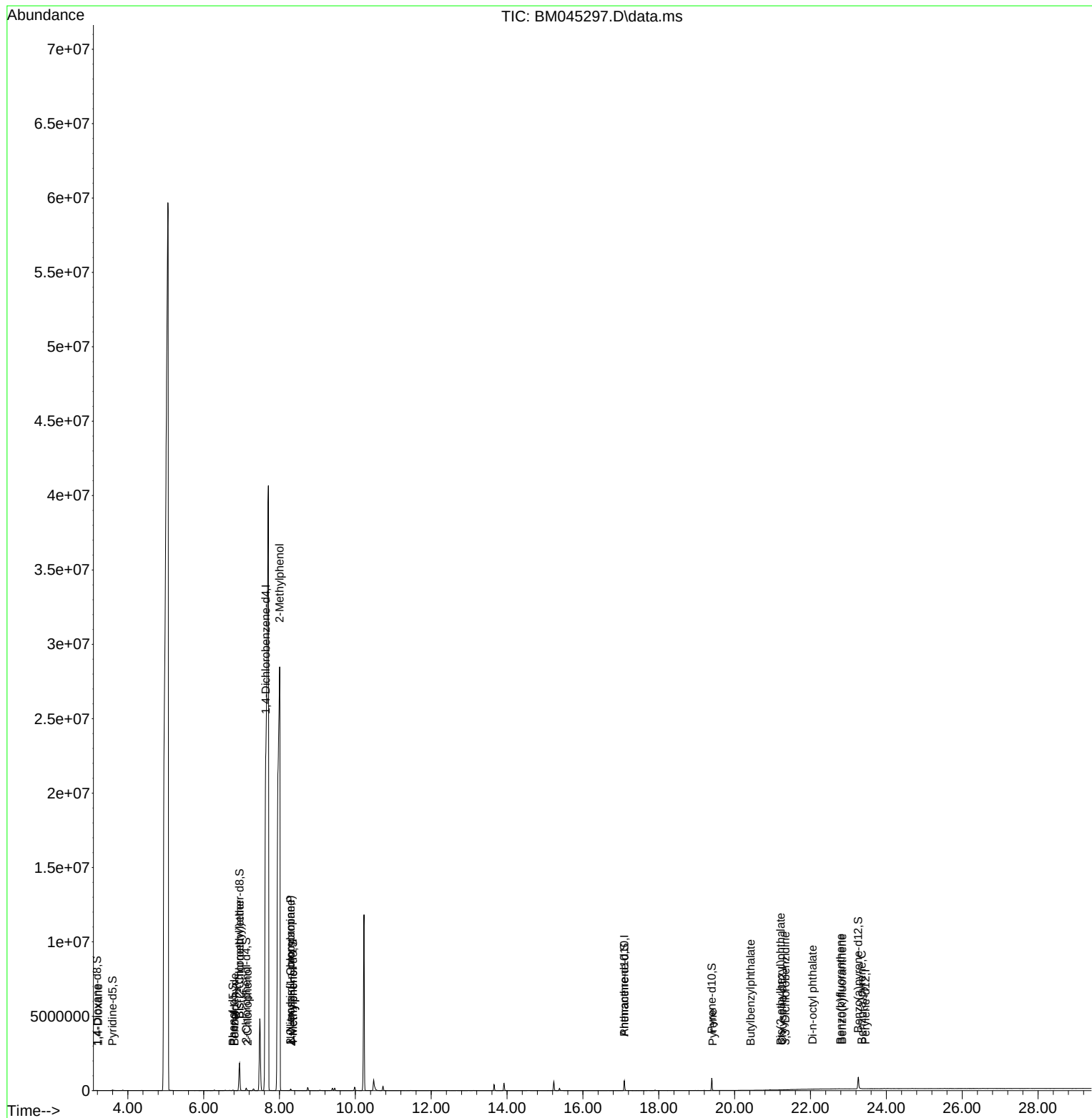
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	2155	20.000	ng/ul	# 0.05
20) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.36
38) Acenaphthene-d10	0.000	164	0	0.000	ng/ul	-14.23
64) Phenanthrene-d10	17.092	188	374325	20.000	ng/ul	0.09
79) Chrysene-d12	21.256	240	60	20.000	ng/ul	# 0.05
88) Perylene-d12	23.450	264	217	20.000	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	6349	110.015	ng/uL	0.00
4) Pyridine-d5	3.599	84	26956	171.766	ng/ul	0.02
7) Phenol-d5	6.769	99	21196	116.021	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	145782	1339.358	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	80165	560.092	ng/ul	0.00
15) 4-Methylphenol-d8	8.357	113	476	3.329	ng/ul	0.06
21) Nitrobenzene-d5	8.745	128	50097	0.000	ng/ul	0.00
24) 2-Nitrophenol-d4	9.451	143	52863	0.000	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	79631	0.000	ng/ul	0.00
31) 4-Chloroaniline-d4	10.510	131	127476	0.000	ng/ul	-0.01
46) Dimethylphthalate-d6	13.657	166	275675	0.000	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	322609	0.000	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	1628	0.000	ng/ul	0.07
60) Fluorene-d10	15.233	176	239084	0.000	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	277	0.125	ng/ul	0.09
73) Anthracene-d10	17.092	188	374521	22.241	ng/ul	0.00
81) Pyrene-d10	19.398	212	438854	148543.183	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.256	264	557874	52699.779	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	1030	17.090	ng/uL#	69
6) Benzaldehyde	6.816	77	123	1.452	ng/ul#	3
8) Phenol	6.798	94	4826	25.509	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.946	93	1132082	7667.466	ng/ul#	26
12) 2-Chlorophenol	7.157	128	5549	36.948	ng/ul	98
13) 2-Methylphenol	8.004	108	241360	1728.422	ng/ul#	72
14) 2,2'-oxybis(1-Chloropr...	8.293	45	369	2.095	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.293	70	1290	11.752	ng/ul#	1
18) 4-Methylphenol	8.357	108	818	5.435	ng/ul	95
82) Pyrene	19.421	202	66	17.552	ng/ul#	1
83) Butylbenzylphthalate	20.421	149	130	82.516	ng/ul#	24
84) 3,3'-Dichlorobenzidine	21.339	252	111	83.202	ng/ul#	24
86) Bis(2-ethylhexyl)phtha...	21.209	149	118	47.916	ng/ul#	56
89) Di-n-octyl phthalate	22.056	149	431	31.568	ng/ul	100
90) Benzo(b)fluoranthene	22.792	252	606	47.914	ng/ul#	1
91) Benzo(k)fluoranthene	22.833	252	69	5.420	ng/ul#	1
93) Benzo(a)pyrene	23.350	252	294	23.885	ng/ul#	1

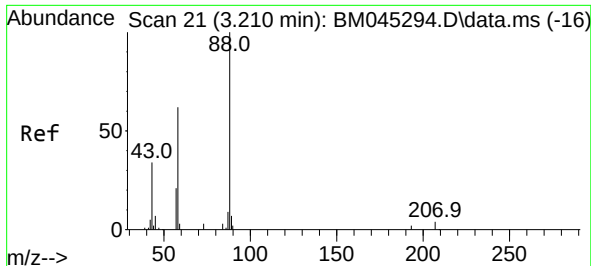
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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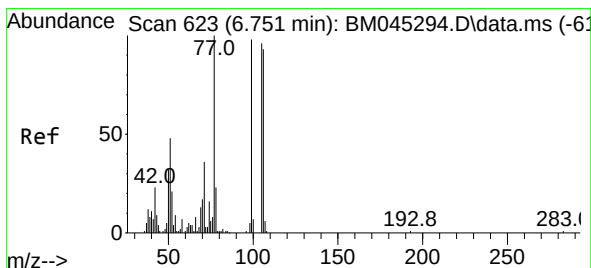
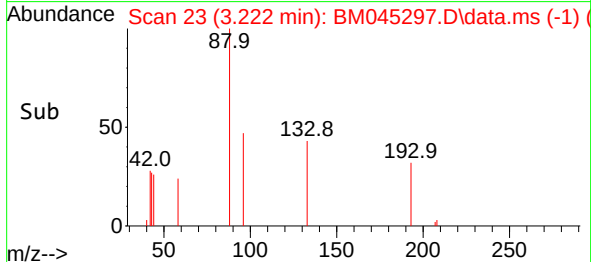
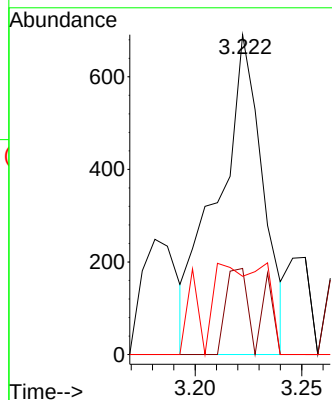
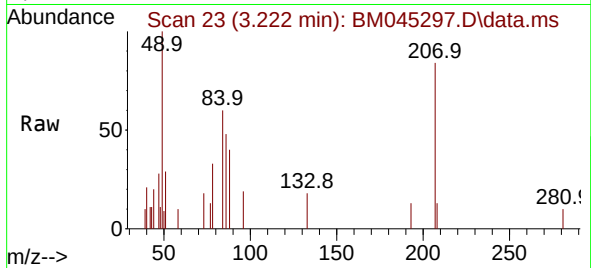




#2
1,4-Dioxane
Concen: 17.090 ng/uL
RT: 3.222 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM045297.D
Acq: 17 Apr 2024 01:35

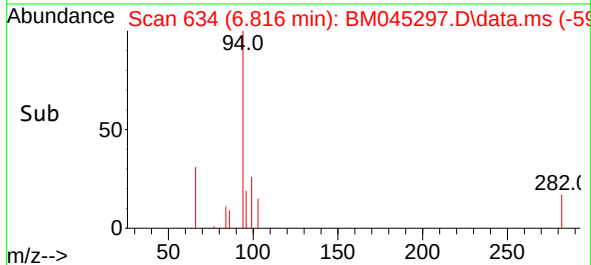
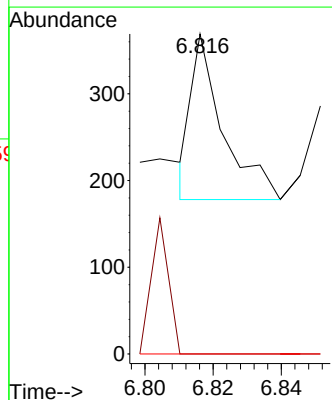
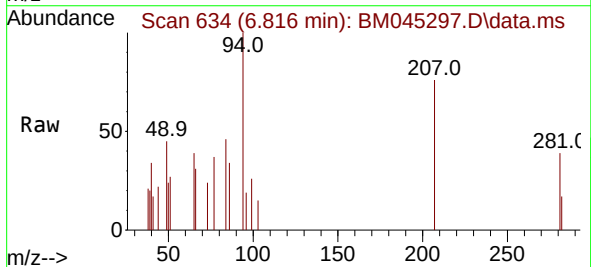
Instrument :
BNA_M
ClientSampleId :
COR55

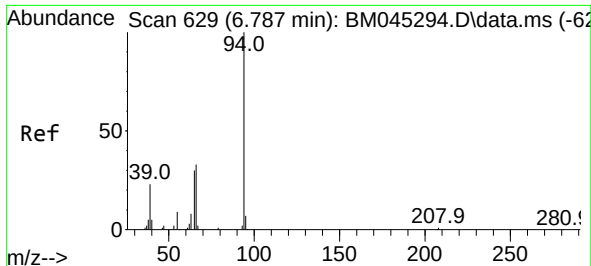
Tgt Ion: 88 Resp: 1030
Ion Ratio Lower Upper
88 100
43 26.9 24.0 36.0
58 24.5 45.4 68.2#



#6
Benzaldehyde
Concen: 1.452 ng/uL
RT: 6.816 min Scan# 634
Delta R.T. 0.059 min
Lab File: BM045297.D
Acq: 17 Apr 2024 01:35

Tgt Ion: 77 Resp: 123
Ion Ratio Lower Upper
77 100
105 0.0 75.8 113.6#
106 0.0 74.6 112.0#

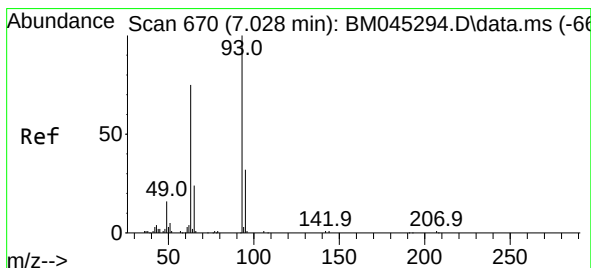
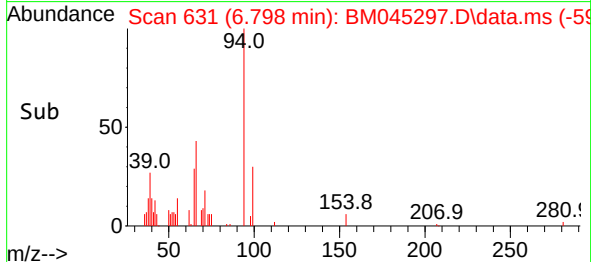
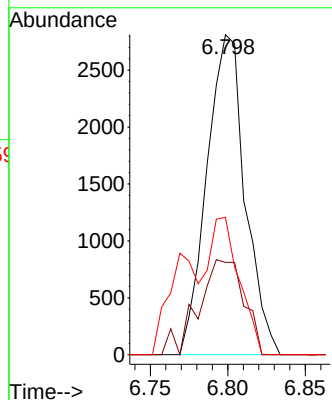
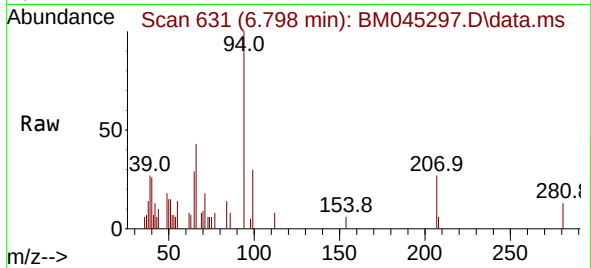




#8
Phenol
Concen: 25.509 ng/ul
RT: 6.798 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM045297.D
Acq: 17 Apr 2024 01:35

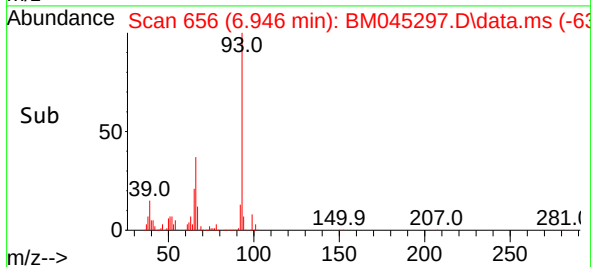
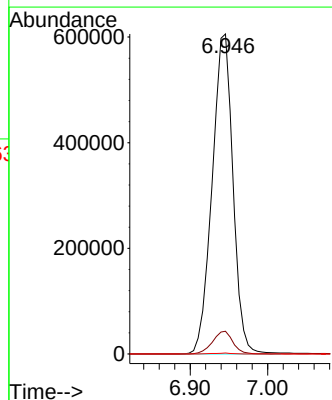
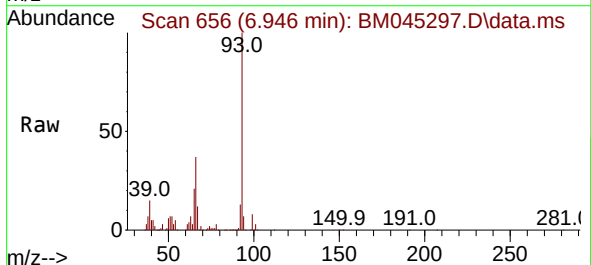
Instrument :
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ClientSampleId :
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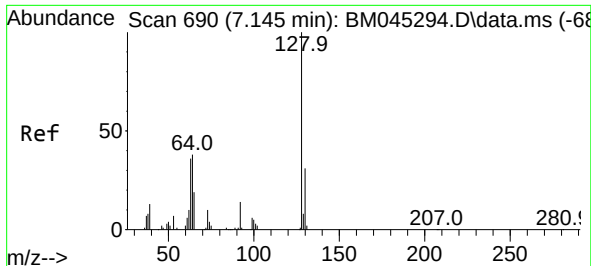
Tgt Ion: 94 Resp: 4826
Ion Ratio Lower Upper
94 100
65 28.8 21.7 32.5
66 42.9 31.9 47.9



#10
Bis(2-Chloroethyl)ether
Concen: 7667.466 ng/ul
RT: 6.946 min Scan# 656
Delta R.T. -0.088 min
Lab File: BM045297.D
Acq: 17 Apr 2024 01:35

Tgt Ion: 93 Resp: 1132082
Ion Ratio Lower Upper
93 100
63 7.1 61.3 91.9#
95 0.3 27.6 41.4#

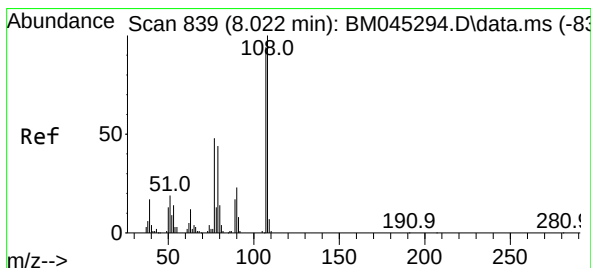
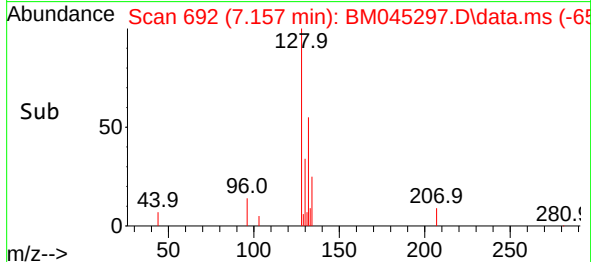
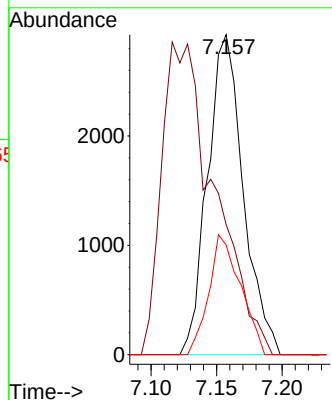
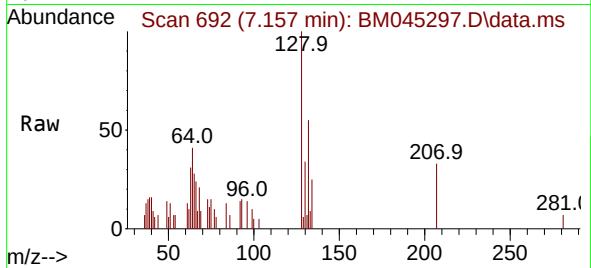




#12
2-Chlorophenol
Concen: 36.948 ng/ul
RT: 7.157 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM045297.D
Acq: 17 Apr 2024 01:35

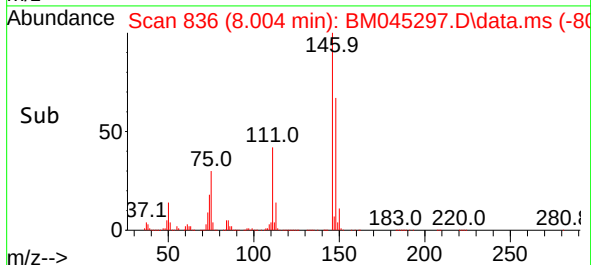
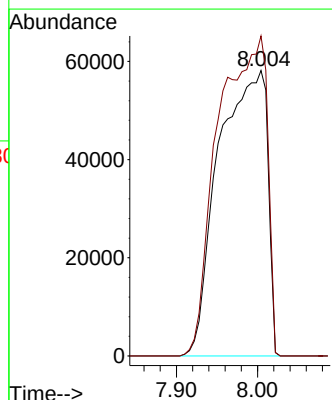
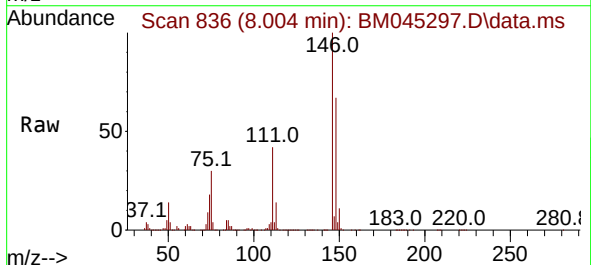
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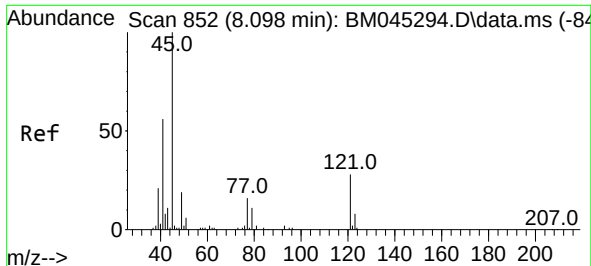
Tgt Ion:128 Resp: 5549
Ion Ratio Lower Upper
128 100
64 40.7 33.3 49.9
130 34.3 26.2 39.4



#13
2-Methylphenol
Concen: 1728.422 ng/ul
RT: 8.004 min Scan# 836
Delta R.T. -0.029 min
Lab File: BM045297.D
Acq: 17 Apr 2024 01:35

Tgt Ion:108 Resp: 241360
Ion Ratio Lower Upper
108 100
107 112.1 69.1 103.7#

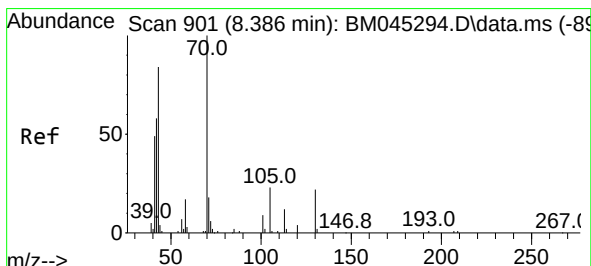
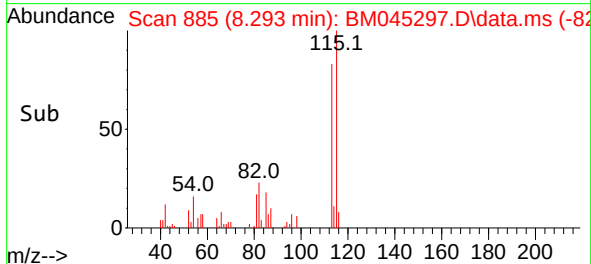
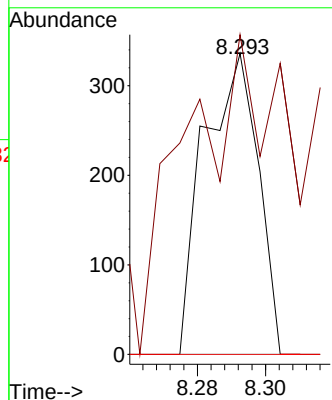
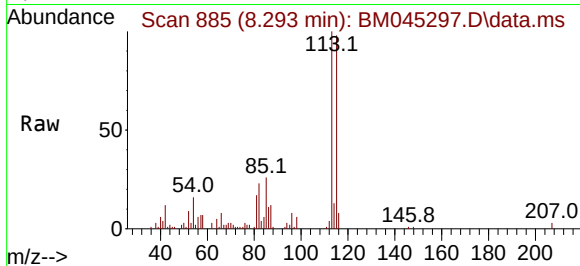




#14
2,2'-oxybis(1-Chloropropane)
Concen: 2.095 ng/ul
RT: 8.293 min Scan# 885
Delta R.T. 0.182 min
Lab File: BM045297.D
Acq: 17 Apr 2024 01:35

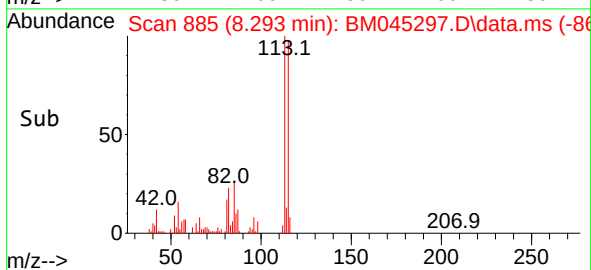
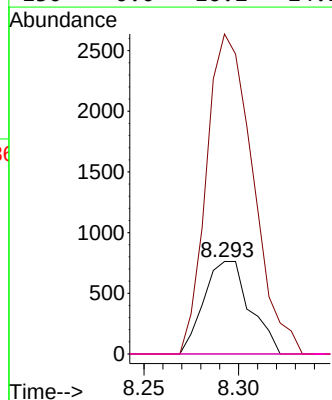
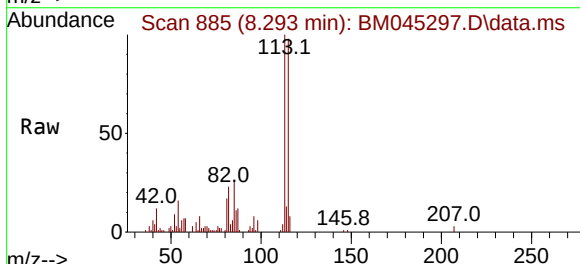
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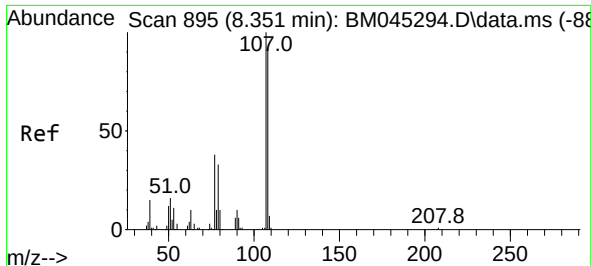
Tgt Ion: 45 Resp: 369
Ion Ratio Lower Upper
45 100
77 106.3 13.4 20.0#
79 0.0 10.1 15.1#



#17
N-Nitroso-di-n-propylamine
Concen: 11.752 ng/ul
RT: 8.293 min Scan# 885
Delta R.T. -0.106 min
Lab File: BM045297.D
Acq: 17 Apr 2024 01:35

Tgt Ion: 70 Resp: 1290
Ion Ratio Lower Upper
70 100
42 346.1 43.2 64.8#
101 0.0 6.4 9.6#
130 0.0 16.2 24.2#

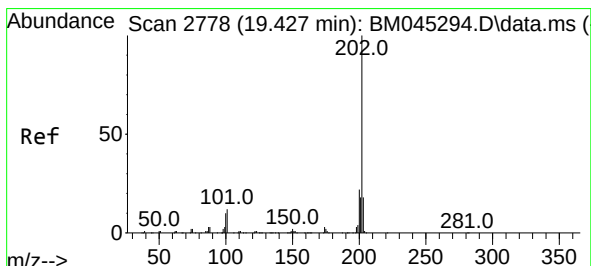
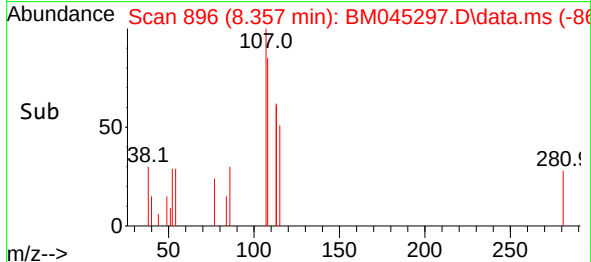
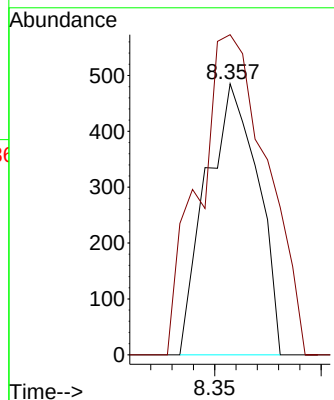
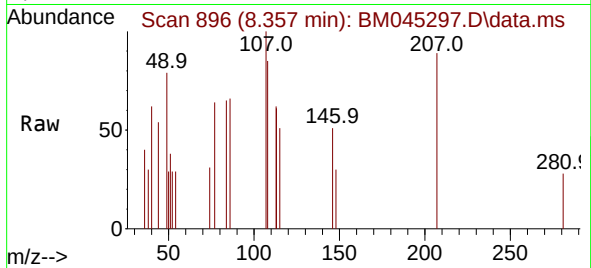




#18
4-Methylphenol
Concen: 5.435 ng/ul
RT: 8.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM045297.D
Acq: 17 Apr 2024 01:35

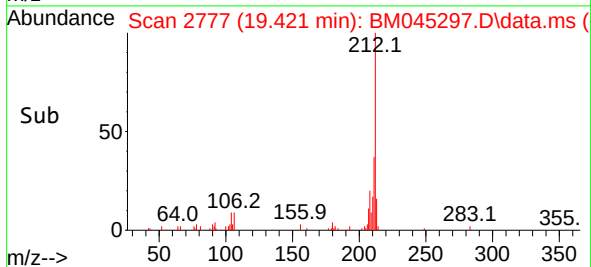
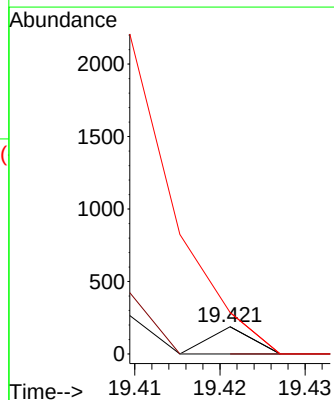
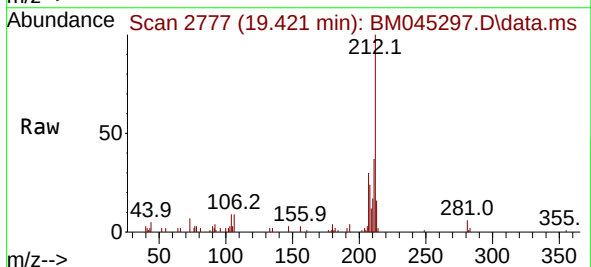
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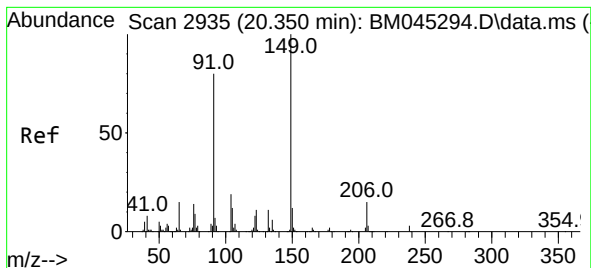
Tgt Ion:108 Resp: 818
Ion Ratio Lower Upper
108 100
107 118.1 90.0 135.0



#82
Pyrene
Concen: 17.552 ng/ul
RT: 19.421 min Scan# 2777
Delta R.T. -0.012 min
Lab File: BM045297.D
Acq: 17 Apr 2024 01:35

Tgt Ion:202 Resp: 66
Ion Ratio Lower Upper
202 100
101 0.0 10.2 15.4#
100 152.1 8.5 12.7#





#83

Butylbenzylphthalate

Concen: 82.516 ng/ul

RT: 20.421 min Scan# 2935

Delta R.T. 0.059 min

Lab File: BM045297.D

Acq: 17 Apr 2024 01:35

Instrument :

BNA_M

ClientSampleId :

C0R55

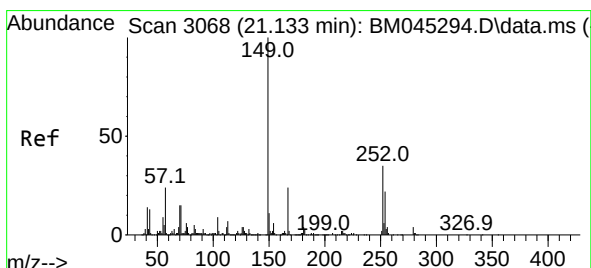
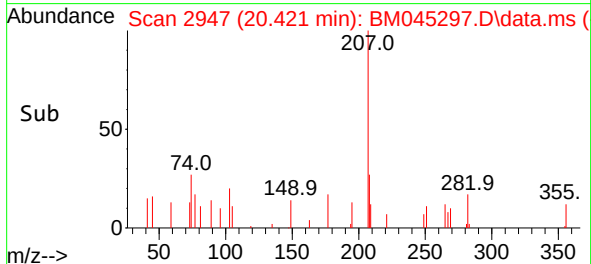
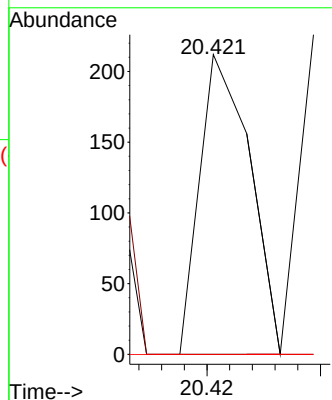
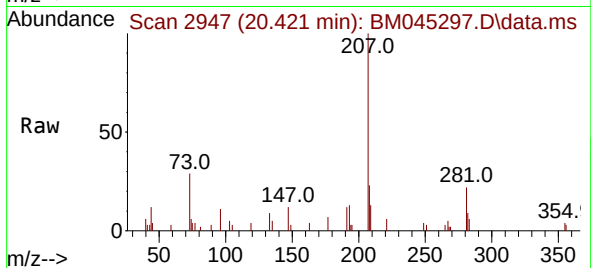
Tgt Ion:149 Resp: 130

Ion Ratio Lower Upper

149 100

91 0.0 56.2 84.4#

206 0.0 14.3 21.5#



#84

3,3'-Dichlorobenzidine

Concen: 83.202 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. 0.194 min

Lab File: BM045297.D

Acq: 17 Apr 2024 01:35

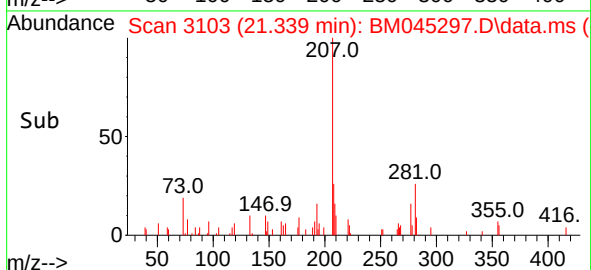
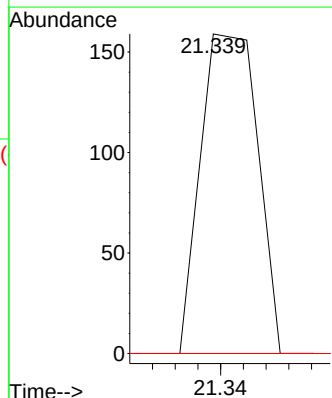
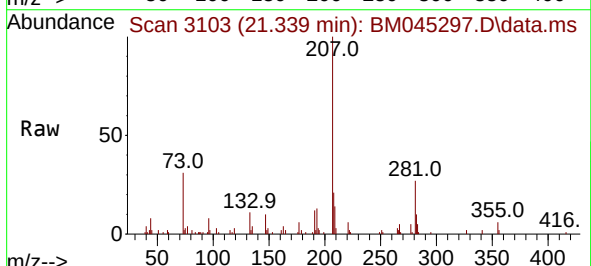
Tgt Ion:252 Resp: 111

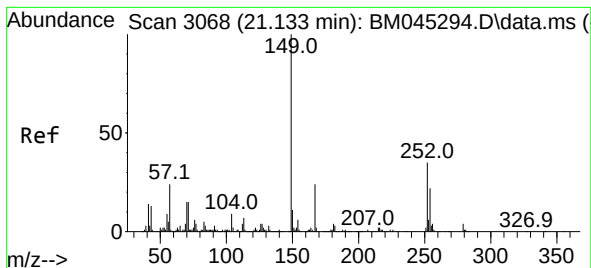
Ion Ratio Lower Upper

252 100

254 0.0 53.9 80.9#

126 0.0 9.0 13.4#

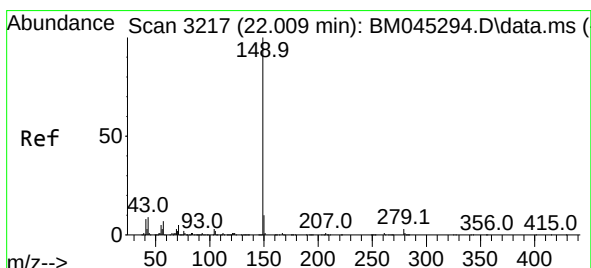
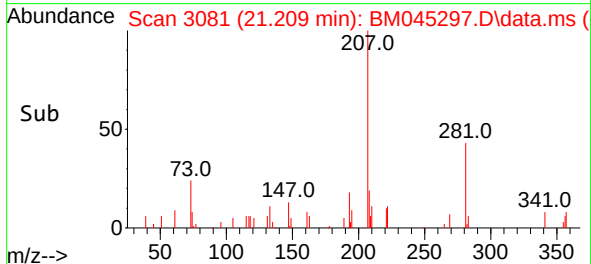
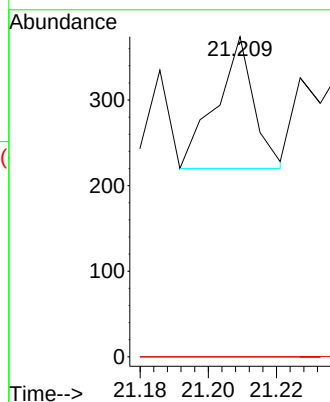
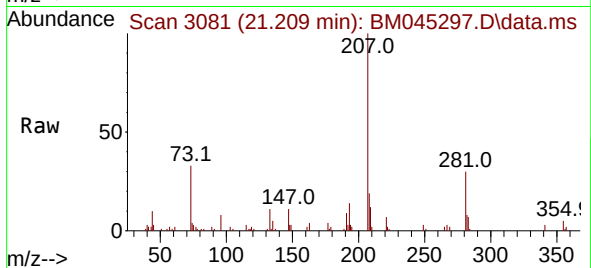




#86
Bis(2-ethylhexyl)phthalate
Concen: 47.916 ng/ul
RT: 21.209 min Scan# 3068
Delta R.T. 0.065 min
Lab File: BM045297.D
Acq: 17 Apr 2024 01:35

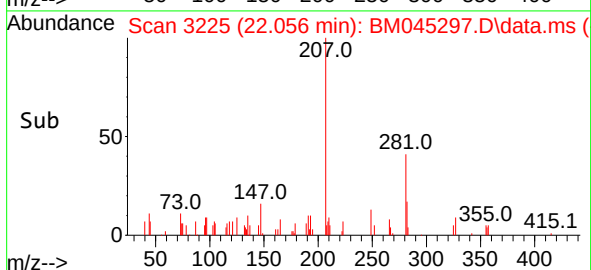
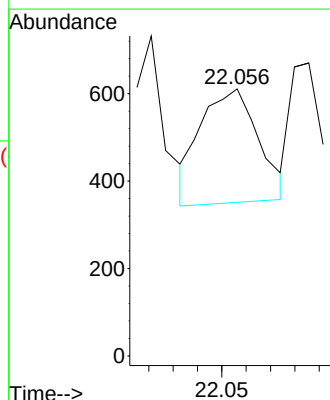
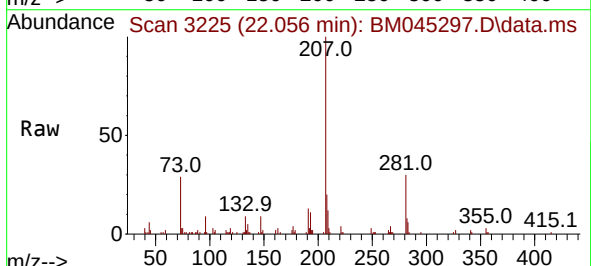
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ClientSampleId :
C0R55

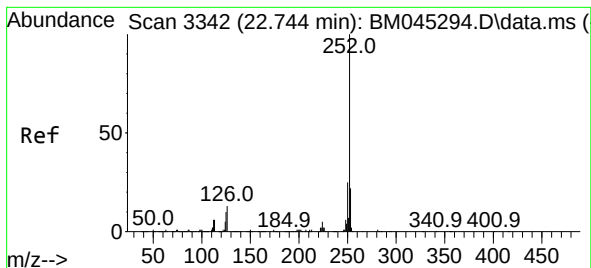
Tgt Ion:149 Resp: 118
Ion Ratio Lower Upper
149 100
167 0.0 19.7 29.5#
279 0.0 3.3 4.9#



#89
Di-n-octyl phthalate
Concen: 31.568 ng/ul
RT: 22.056 min Scan# 3225
Delta R.T. 0.035 min
Lab File: BM045297.D
Acq: 17 Apr 2024 01:35

Tgt Ion:149 Resp: 431





#90

Benzo(b)fluoranthene

Concen: 47.914 ng/ul

RT: 22.792 min Scan# 3350

Delta R.T. 0.035 min

Lab File: BM045297.D

Acq: 17 Apr 2024 01:35

Instrument :

BNA_M

ClientSampleId :

C0R55

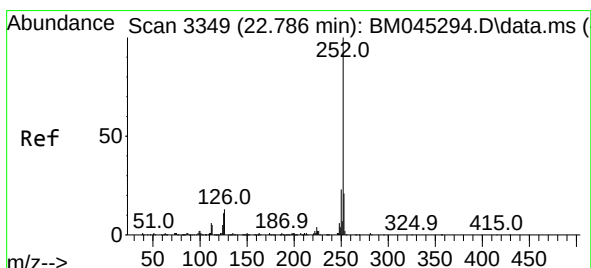
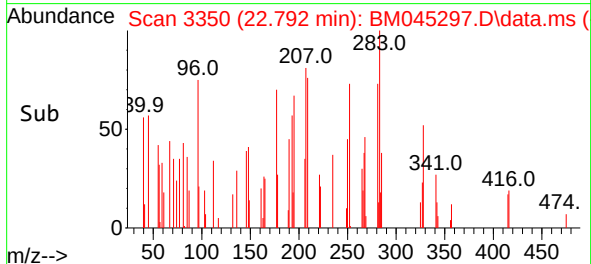
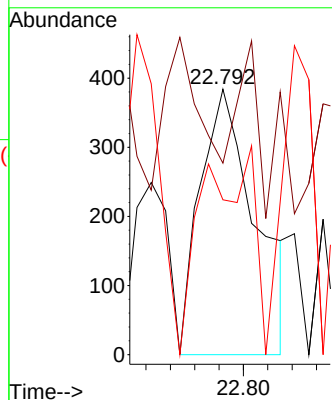
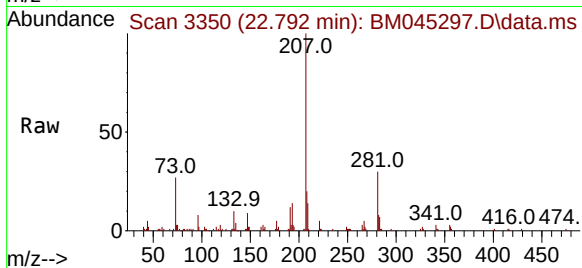
Tgt Ion:252 Resp: 606

Ion Ratio Lower Upper

252 100

253 72.1 18.0 27.0#

125 58.3 8.2 12.4#



#91

Benzo(k)fluoranthene

Concen: 5.420 ng/ul

RT: 22.833 min Scan# 3357

Delta R.T. 0.030 min

Lab File: BM045297.D

Acq: 17 Apr 2024 01:35

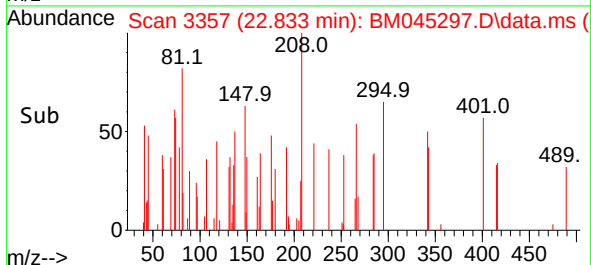
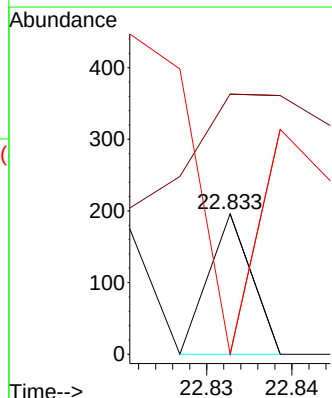
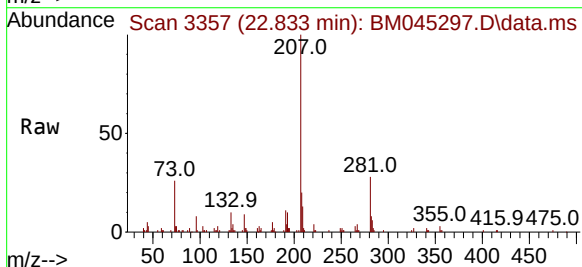
Tgt Ion:252 Resp: 69

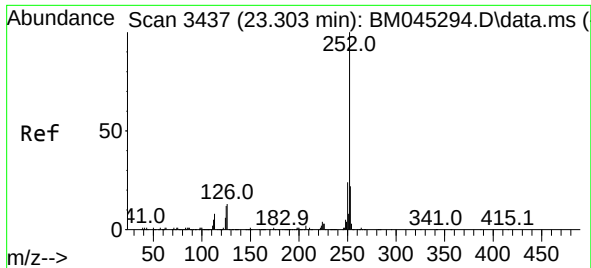
Ion Ratio Lower Upper

252 100

253 185.2 17.5 26.3#

125 0.0 8.5 12.7#





#93
 Benzo(a)pyrene
 Concen: 23.885 ng/ul
 RT: 23.350 min Scan# 34
 Delta R.T. 0.030 min
 Lab File: BM045297.D
 Acq: 17 Apr 2024 01:35

Instrument :
 BNA_M
 ClientSampleId :
 C0R55

Tgt Ion:252 Resp: 294
 Ion Ratio Lower Upper
 252 100
 253 166.3 17.6 26.4#
 125 0.0 8.8 13.2#

