

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049529.D
 Acq On : 30 Jan 2025 16:23
 Operator : RC/JU
 Sample : Q1189-13DL2 30X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44R4DL2

Quant Time: Jan 30 17:24:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

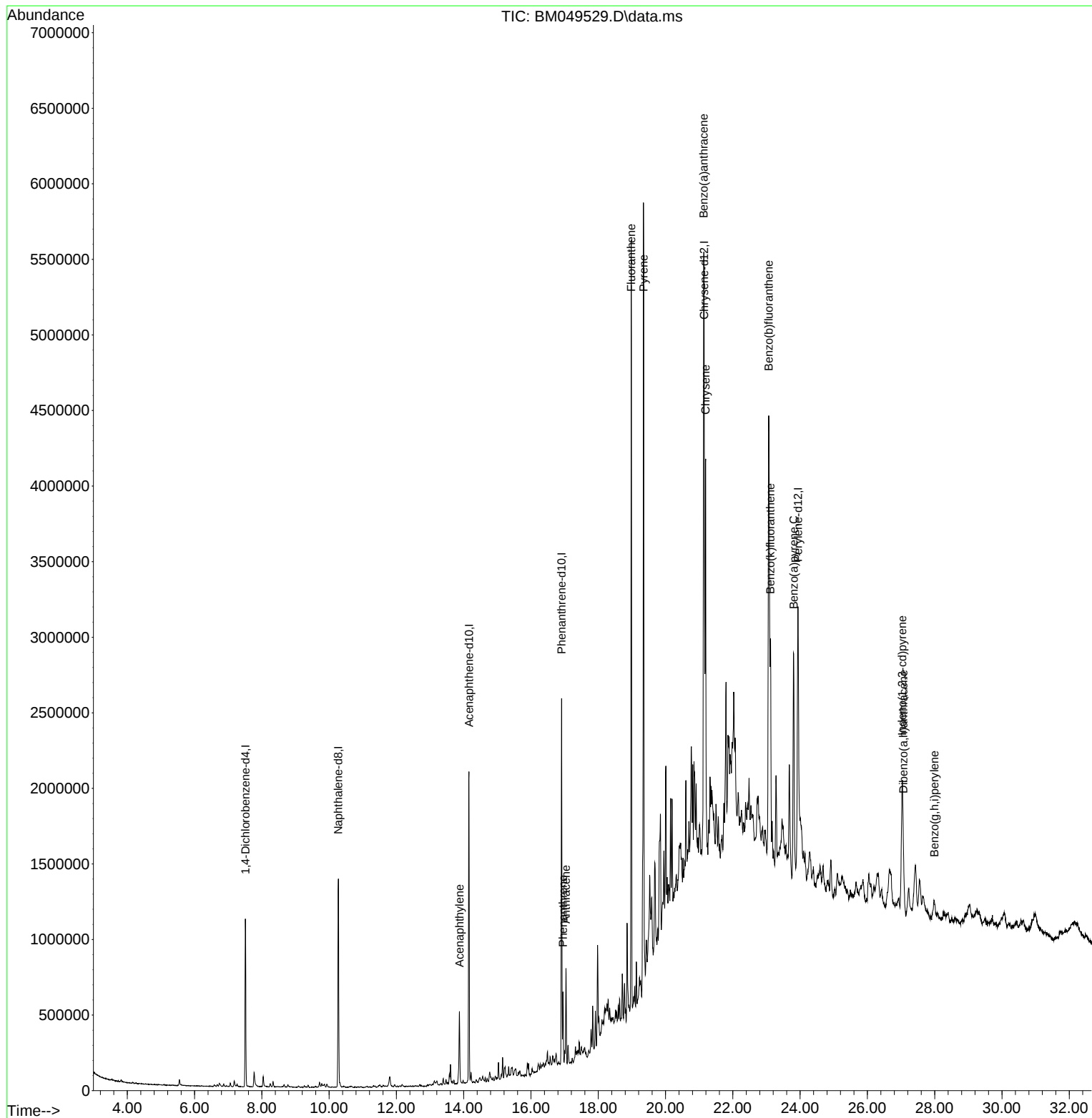
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	320862	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	1173189	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.157	164	750683	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	1453744	20.000	ng/u1	0.00
79) Chrysene-d12	21.150	240	1392420	20.000	ng/u1	0.02
88) Perylene-d12	23.939	264	1519606	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.740	99	13011	0.500	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	6.863	67	7642	0.429	ng/u1	0.00
11) 2-Chlorophenol-d4	7.063	132	11362	0.564	ng/u1	0.01
15) 4-Methylphenol-d8	8.251	113	9356	0.490	ng/u1	0.02
21) Nitrobenzene-d5	8.663	128	4523	0.504	ng/u1	0.00
24) 2-Nitrophenol-d4	9.375	143	4951	0.506	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	10499	0.526	ng/u1	0.02
31) 4-Chloroaniline-d4	10.439	131	2781	0.109	ng/u1	0.02
46) Dimethylphthalate-d6	13.580	166	31221	0.567	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	35788	0.553	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.157	176	27935	0.577	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.010	188	49785	0.686	ng/u1	0.00
81) Pyrene-d10	19.315	212	46163	0.567	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.744	264	34004	0.420	ng/u1	0.02
Target Compounds						
					Qvalue	
50) Acenaphthylene	13.874	152	400406	6.027	ng/u1	99
72) Phenanthrene	16.951	178	287095	3.508	ng/u1	100
74) Anthracene	17.039	178	417848	5.069	ng/u1	100
80) Fluoranthene	18.980	202	3056958	32.881	ng/u1	99
82) Pyrene	19.345	202	3344300	33.432	ng/u1	99
85) Benzo(a)anthracene	21.133	228	1964444	20.084	ng/u1	94
87) Chrysene	21.192	228	1989722	21.905	ng/u1	98
90) Benzo(b)fluoranthene	23.068	252	3226079	32.753	ng/u1	99
91) Benzo(k)fluoranthene	23.121	252	944799	9.492	ng/u1	97
93) Benzo(a)pyrene	23.809	252	1384360	14.982	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.038	276	1260430	11.005	ng/u1	98
95) Dibenzo(a,h)anthracene	27.068	278	461170	4.969	ng/u1#	92
96) Benzo(g,h,i)perylene	27.991	276	155988	1.791	ng/u1#	90

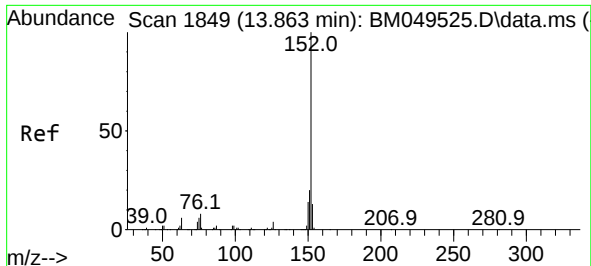
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
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Quant Time: Jan 30 17:24:36 2025
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Quant Title : SVOA CALIBRATION
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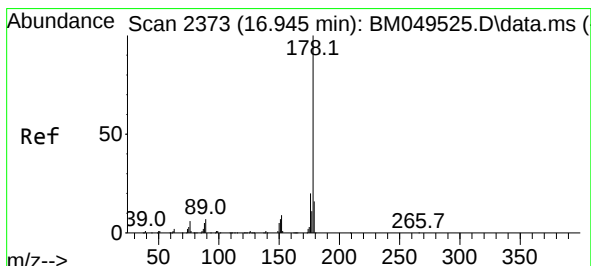
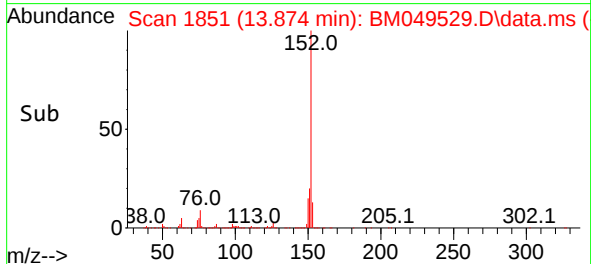
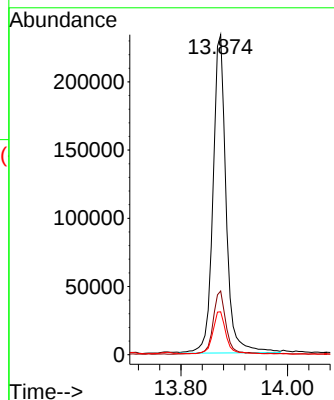
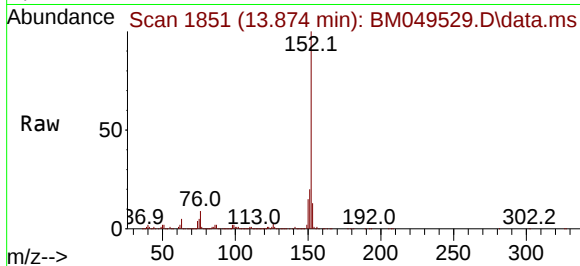




#50
Acenaphthylene
Concen: 6.027 ng/ul
RT: 13.874 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BM049529.D
Acq: 30 Jan 2025 16:23

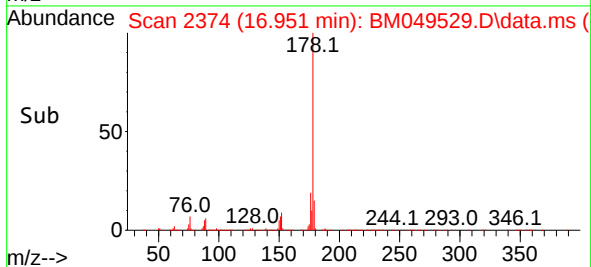
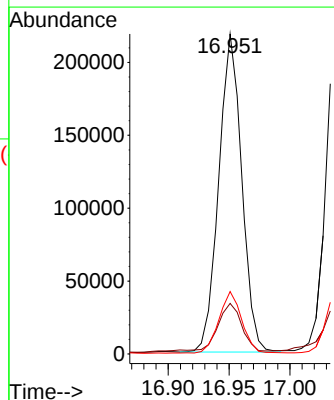
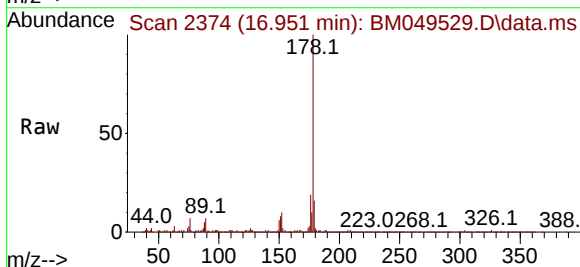
Instrument :
BNA_M
ClientSampleId :
A44R4DL2

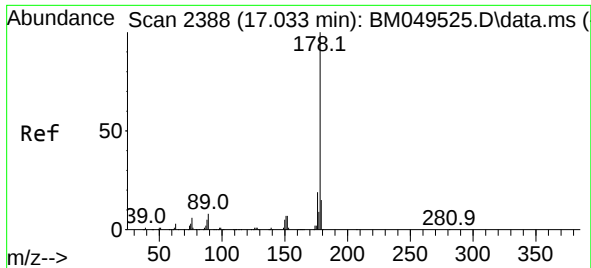
Tgt Ion:152 Resp: 400406
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.4 10.4 15.6



#72
Phenanthrene
Concen: 3.508 ng/ul
RT: 16.951 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BM049529.D
Acq: 30 Jan 2025 16:23

Tgt Ion:178 Resp: 287095
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.5 15.6 23.4

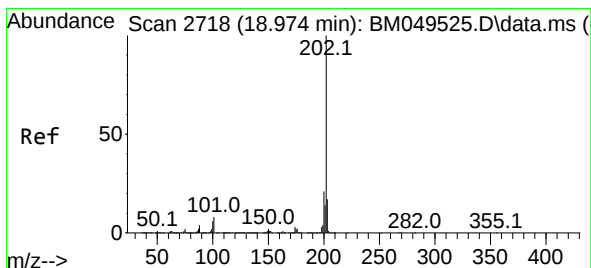
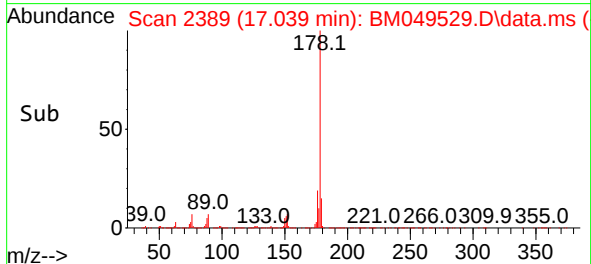
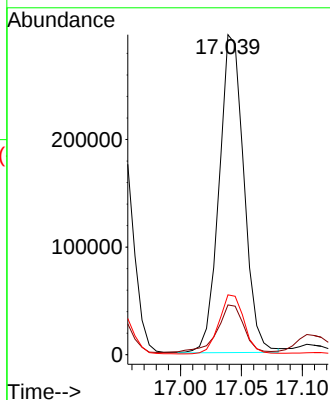
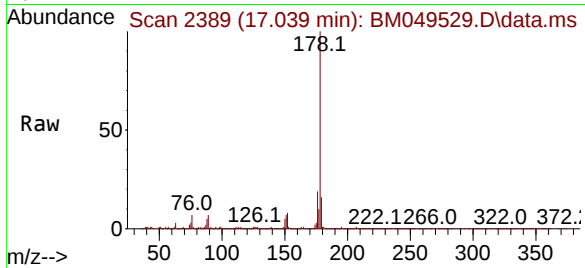




#74
 Anthracene
 Concen: 5.069 ng/ul
 RT: 17.039 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM049529.D
 Acq: 30 Jan 2025 16:23

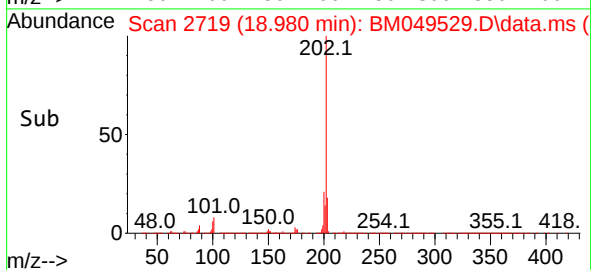
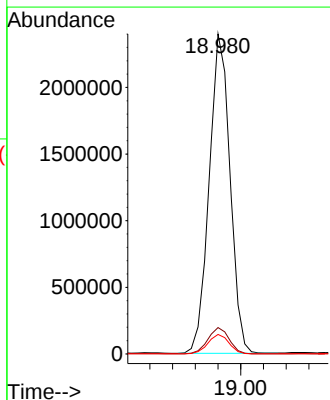
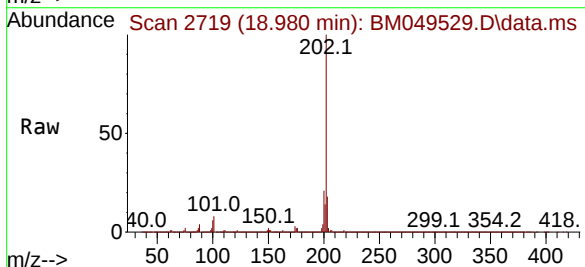
Instrument :
 BNA_M
 ClientSampleId :
 A44R4DL2

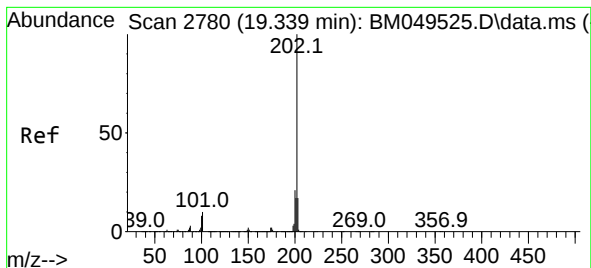
Tgt Ion:178 Resp: 417848
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.4
 176 18.7 15.0 22.4



#80
 Fluoranthene
 Concen: 32.881 ng/ul
 RT: 18.980 min Scan# 2719
 Delta R.T. 0.006 min
 Lab File: BM049529.D
 Acq: 30 Jan 2025 16:23

Tgt Ion:202 Resp: 3056958
 Ion Ratio Lower Upper
 202 100
 101 8.3 6.9 10.3
 100 6.1 5.1 7.7





#82

Pyrene

Concen: 33.432 ng/ul

RT: 19.345 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM049529.D

Acq: 30 Jan 2025 16:23

Instrument :

BNA_M

ClientSampleId :

A44R4DL2

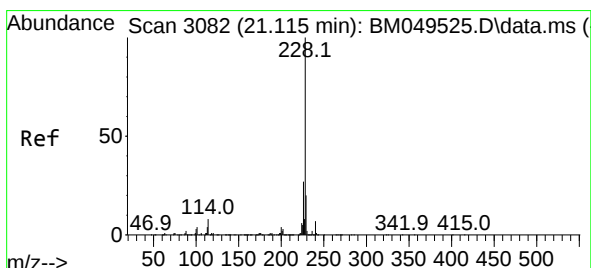
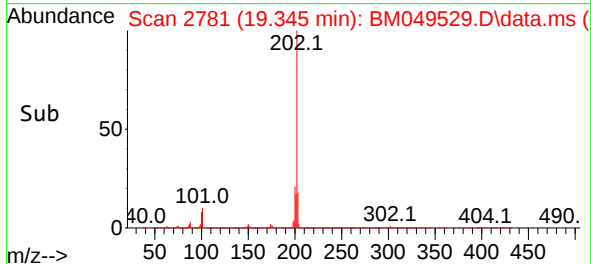
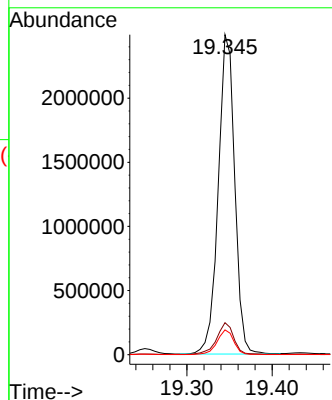
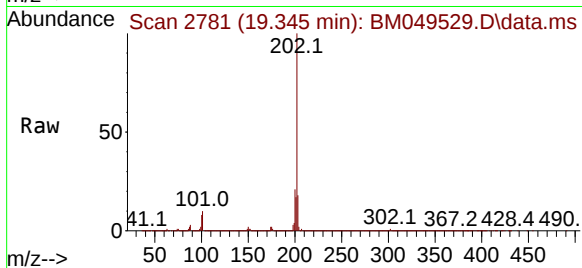
Tgt Ion:202 Resp: 3344300

Ion Ratio Lower Upper

202 100

101 10.0 8.3 12.5

100 7.8 6.6 9.8



#85

Benzo(a)anthracene

Concen: 20.084 ng/ul

RT: 21.133 min Scan# 3085

Delta R.T. 0.018 min

Lab File: BM049529.D

Acq: 30 Jan 2025 16:23

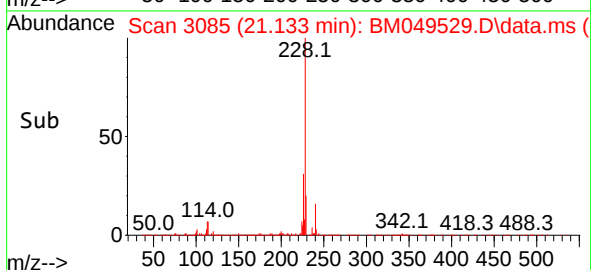
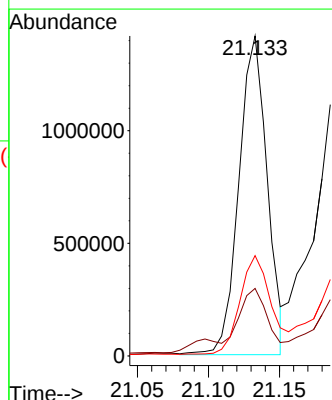
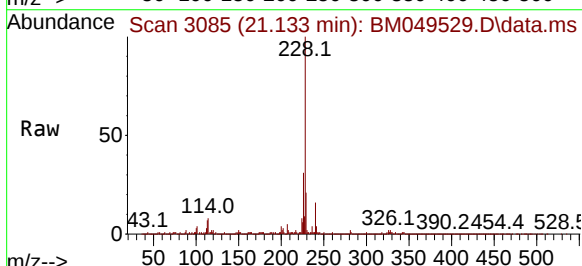
Tgt Ion:228 Resp: 1964444

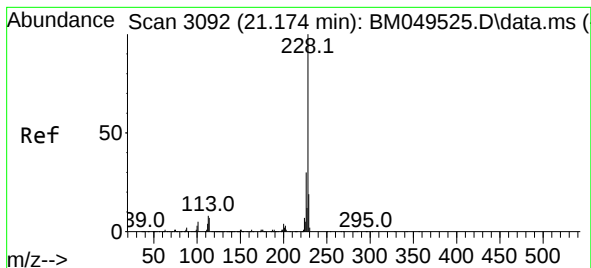
Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

226 31.3 22.1 33.1





#87

Chrysene

Concen: 21.905 ng/ul

RT: 21.192 min Scan# 3095

Delta R.T. 0.018 min

Lab File: BM049529.D

Acq: 30 Jan 2025 16:23

Instrument :

BNA_M

ClientSampleId :

A44R4DL2

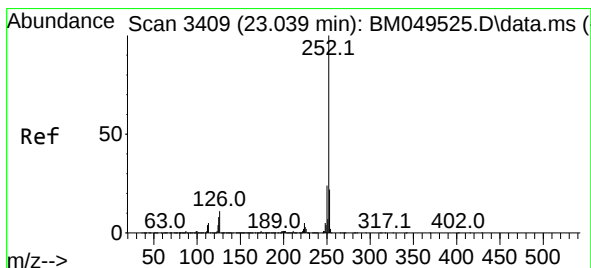
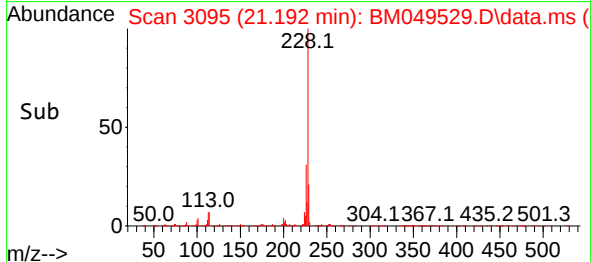
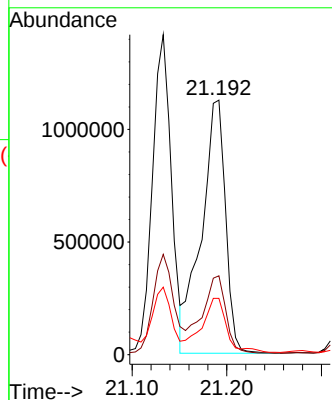
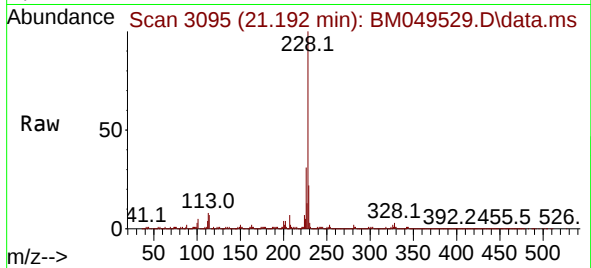
Tgt Ion:228 Resp: 1989722

Ion Ratio Lower Upper

228 100

226 31.0 24.6 37.0

229 22.1 15.9 23.9



#90

Benzo(b)fluoranthene

Concen: 32.753 ng/ul

RT: 23.068 min Scan# 3414

Delta R.T. 0.023 min

Lab File: BM049529.D

Acq: 30 Jan 2025 16:23

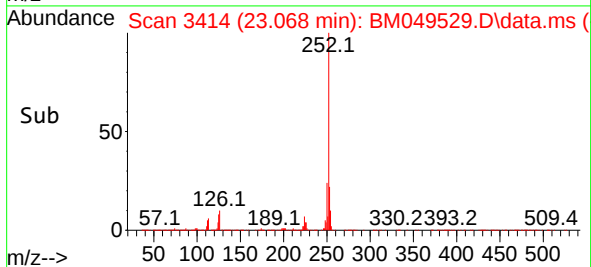
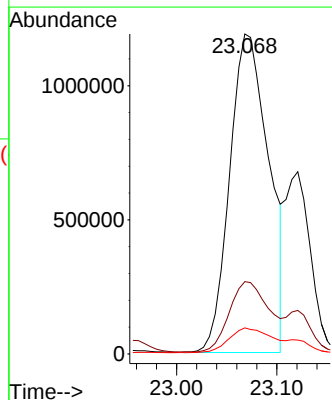
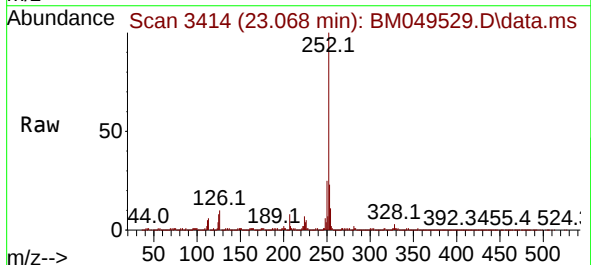
Tgt Ion:252 Resp: 3226079

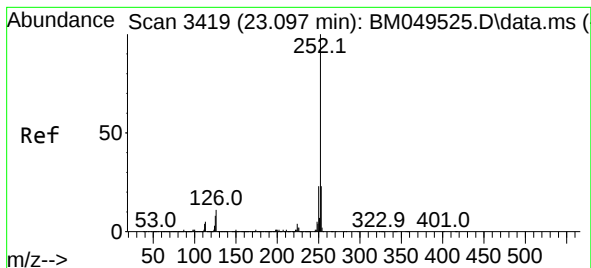
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 8.1 6.3 9.5





#91

Benzo(k)fluoranthene

Concen: 9.492 ng/u1

RT: 23.121 min Scan# 3419

Delta R.T. 0.023 min

Lab File: BM049529.D

Acq: 30 Jan 2025 16:23

Instrument :

BNA_M

ClientSampleId :

A44R4DL2

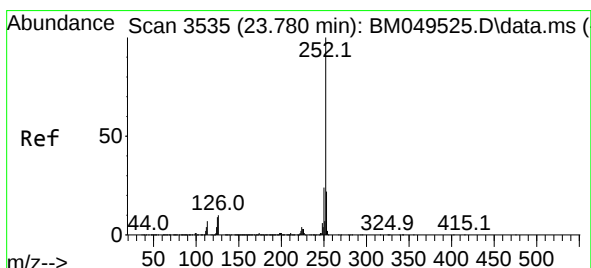
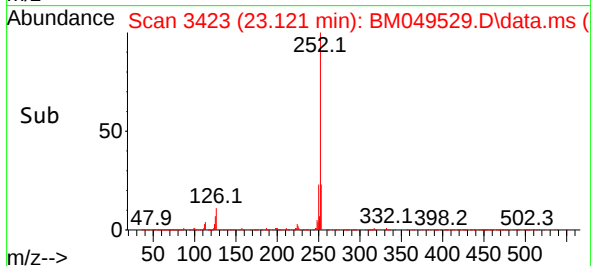
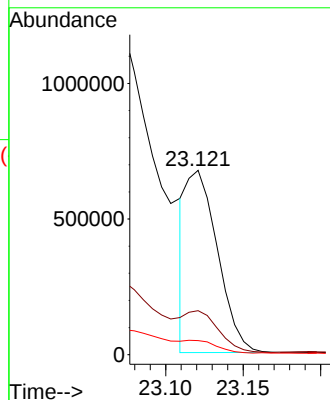
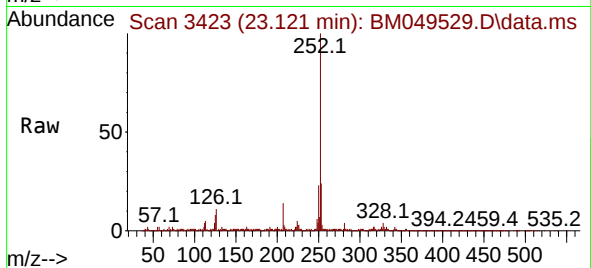
Tgt Ion:252 Resp: 944799

Ion Ratio Lower Upper

252 100

253 23.9 17.5 26.3

125 7.6 6.5 9.7



#93

Benzo(a)pyrene

Concen: 14.982 ng/u1

RT: 23.809 min Scan# 3540

Delta R.T. 0.029 min

Lab File: BM049529.D

Acq: 30 Jan 2025 16:23

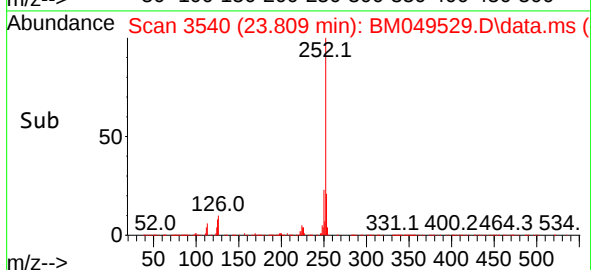
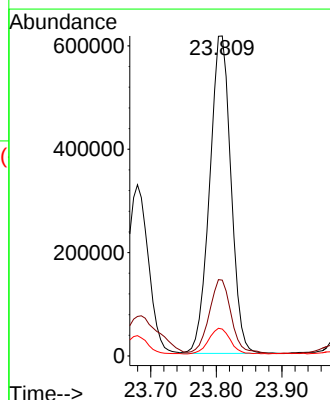
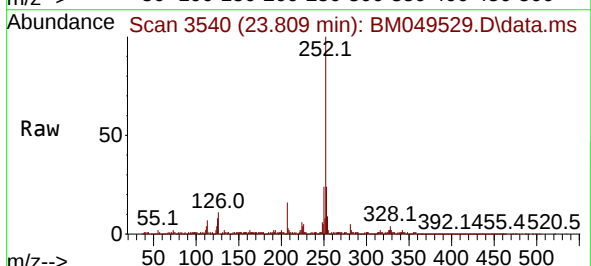
Tgt Ion:252 Resp: 1384360

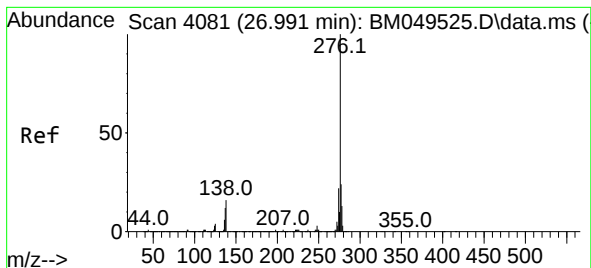
Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

125 8.4 7.0 10.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 11.005 ng/ul

RT: 27.038 min Scan# 4089

Delta R.T. 0.047 min

Lab File: BM049529.D

Acq: 30 Jan 2025 16:23

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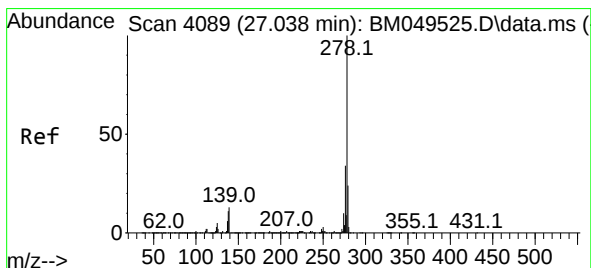
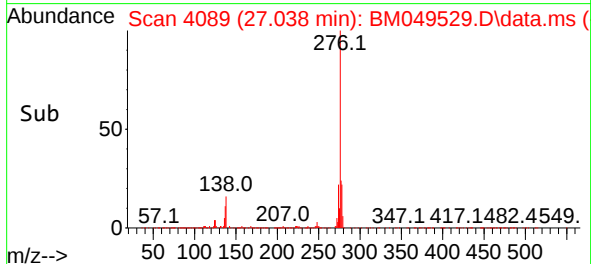
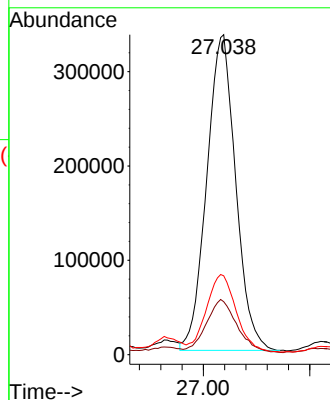
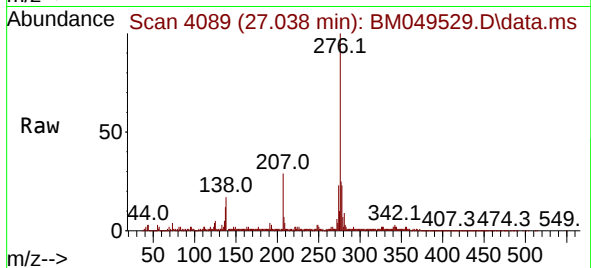
Tgt Ion:276 Resp: 1260430

Ion Ratio Lower Upper

276 100

138 16.6 13.8 20.6

277 24.7 19.0 28.6



#95

Dibenzo(a,h)anthracene

Concen: 4.969 ng/ul

RT: 27.068 min Scan# 4094

Delta R.T. 0.018 min

Lab File: BM049529.D

Acq: 30 Jan 2025 16:23

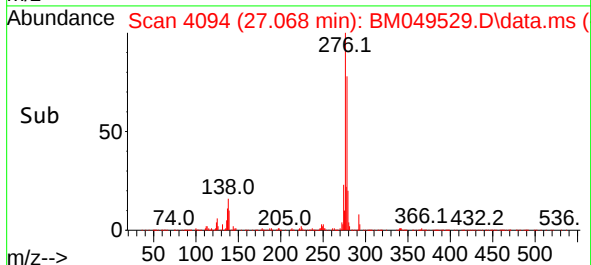
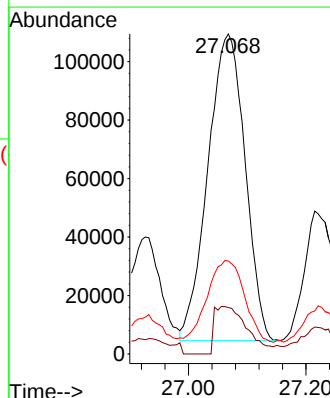
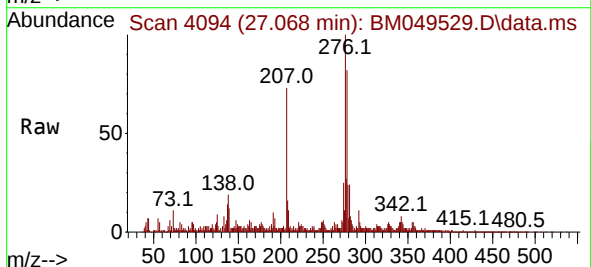
Tgt Ion:278 Resp: 461170

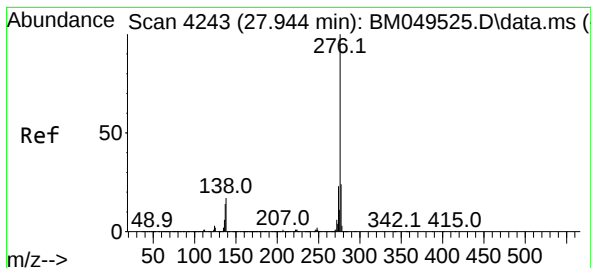
Ion Ratio Lower Upper

278 100

139 14.5 10.5 15.7

279 29.0 19.3 28.9#





#96

Benzo(g,h,i)perylene

Concen: 1.791 ng/ul

RT: 27.991 min Scan# 41

Delta R.T. 0.041 min

Lab File: BM049529.D

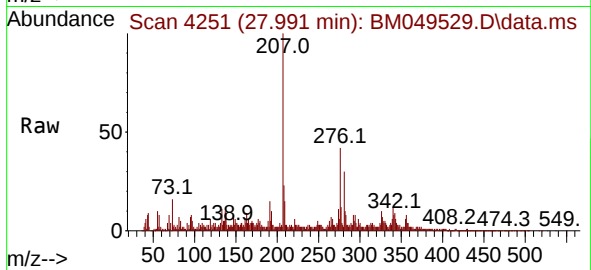
Acq: 30 Jan 2025 16:23

Instrument :

BNA_M

ClientSampleId :

A44R4DL2



Tgt Ion:276 Resp: 155988

Ion Ratio Lower Upper

276 100

138 22.3 14.1 21.1#

277 28.2 19.1 28.7

