

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045821.D
 Acq On : 04 Jun 2024 17:53
 Operator : MA/JU
 Sample : P2589-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH6C4

Quant Time: Jun 05 00:18:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

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

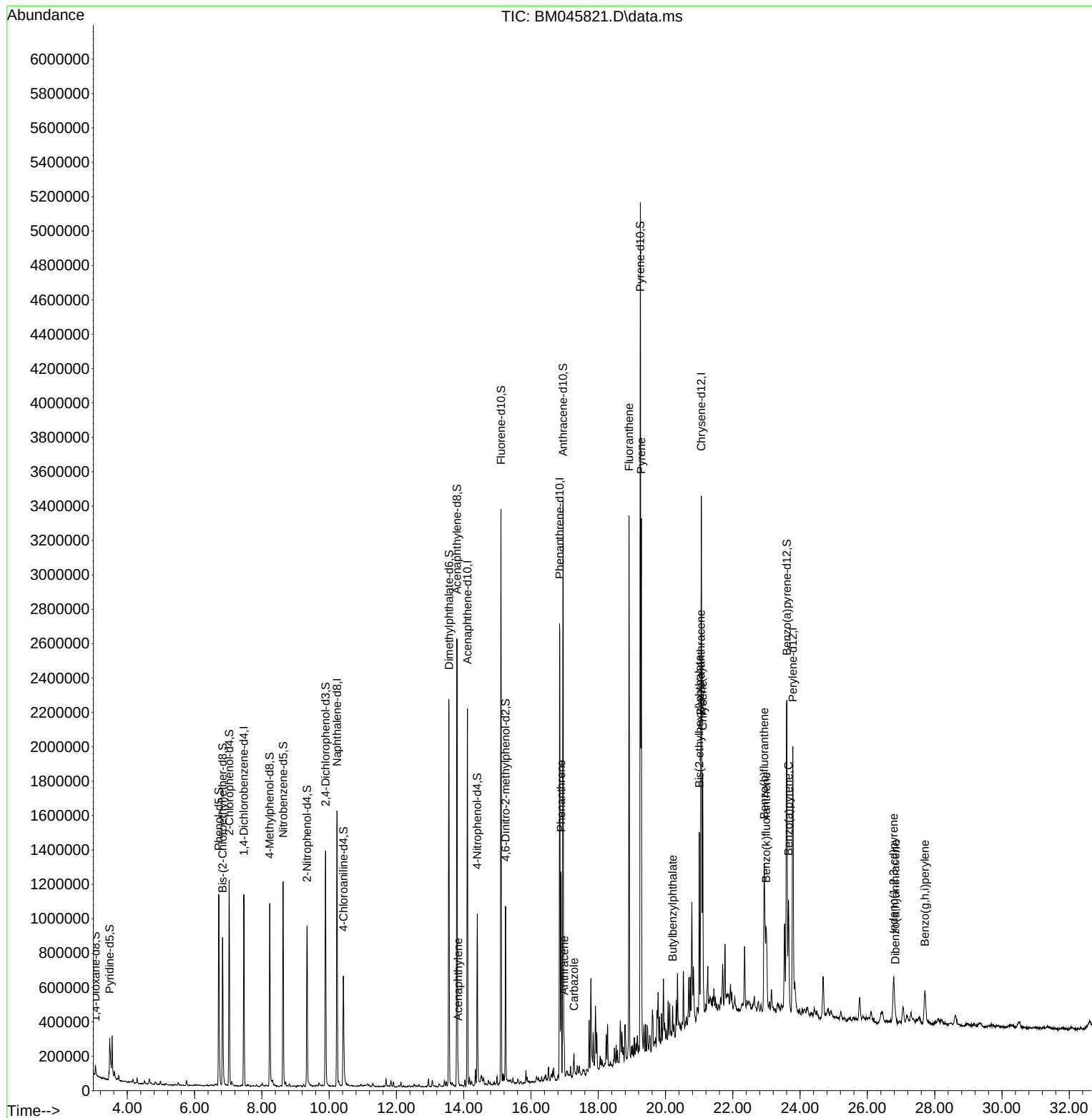
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	250933	20.000	ng/u1	0.00
20) Naphthalene-d8	10.233	136	1063873	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	661548	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.851	188	1370636	20.000	ng/u1	0.00
79) Chrysene-d12	21.062	240	1170413	20.000	ng/u1	0.00
88) Perylene-d12	23.785	264	1031769	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.057	96	28043	4.333	ng/uL	0.00
4) Pyridine-d5	3.475	84	196846	11.812	ng/u1	0.00
7) Phenol-d5	6.722	99	548979	25.753	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	418544	27.342	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	434854	27.309	ng/u1	0.00
15) 4-Methylphenol-d8	8.233	113	340987	21.172	ng/u1	0.00
21) Nitrobenzene-d5	8.633	128	222493	26.748	ng/u1	0.00
24) 2-Nitrophenol-d4	9.345	143	218514	25.956	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	413134	26.170	ng/u1	0.00
31) 4-Chloroaniline-d4	10.422	131	342097	15.657	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	1314988	28.712	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1476553	27.764	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	163867	16.579	ng/u1	0.00
60) Fluorene-d10	15.110	176	1140336	29.186	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	140317	20.048	ng/u1	0.00
73) Anthracene-d10	16.951	188	1679252	28.183	ng/u1	0.00
81) Pyrene-d10	19.250	212	2120833	29.138	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	1404806	29.132	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	13.833	152	64571	1.049	ng/u1	97
72) Phenanthrene	16.898	178	635866	8.805	ng/u1	99
74) Anthracene	16.986	178	105860	1.467	ng/u1	98
77) Carbazole	17.280	167	62105	1.009	ng/u1	99
80) Fluoranthene	18.915	202	1614418	18.296	ng/u1	99
82) Pyrene	19.280	202	1558242	17.188	ng/u1	98
83) Butylbenzylphthalate	20.209	149	39188	1.061	ng/u1	92
85) Benzo(a)anthracene	21.044	228	677178	8.379	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.003	149	311228	5.669	ng/u1	100
87) Chrysene	21.103	228	766210	10.249	ng/u1	97
90) Benzo(b)fluoranthene	22.933	252	845820	13.340	ng/u1	97
91) Benzo(k)fluoranthene	22.985	252	243868	3.938	ng/u1	95
93) Benzo(a)pyrene	23.656	252	495974	8.902	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.779	276	318725	5.238	ng/u1	98
95) Dibenzo(a,h)anthracene	26.826	278	79393	1.650	ng/u1#	87
96) Benzo(g,h,i)perylene	27.709	276	276869	5.166	ng/u1	99

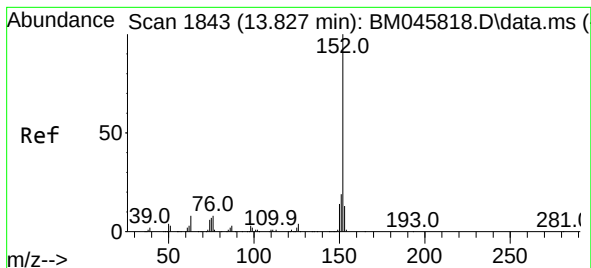
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.049 ng/ul

RT: 13.833 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BM045821.D

Acq: 04 Jun 2024 17:53

Instrument :

BNA_M

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BH6C4

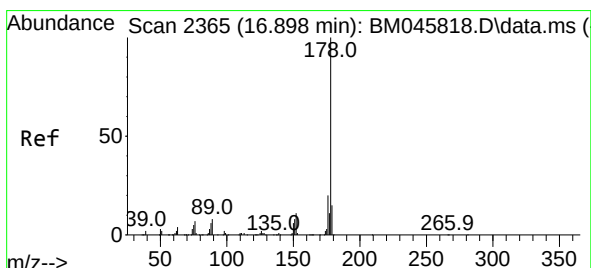
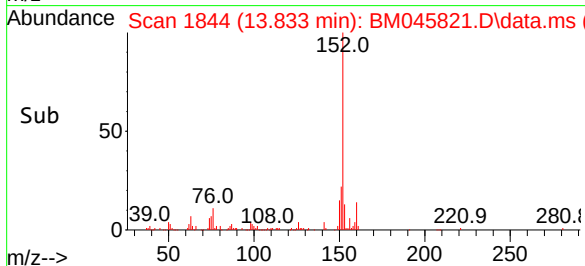
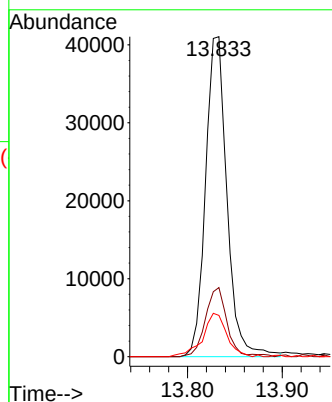
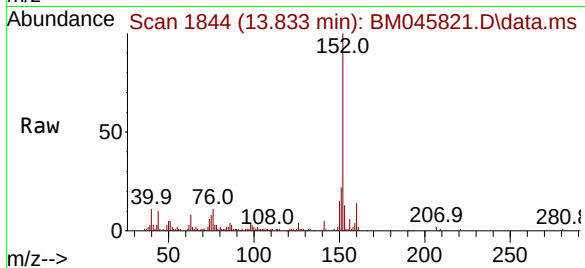
Tgt Ion:152 Resp: 64571

Ion Ratio Lower Upper

152 100

151 21.6 15.6 23.4

153 12.9 10.4 15.6



#72

Phenanthrene

Concen: 8.805 ng/ul

RT: 16.898 min Scan# 2365

Delta R.T. -0.000 min

Lab File: BM045821.D

Acq: 04 Jun 2024 17:53

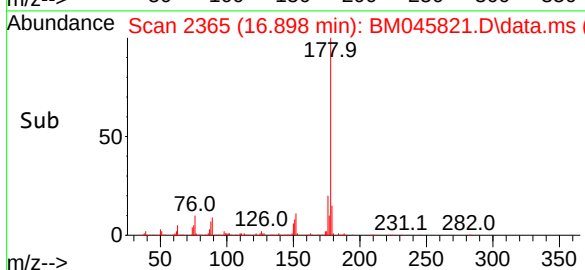
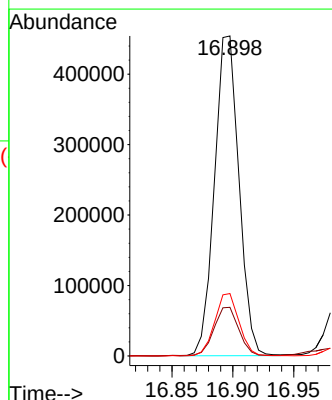
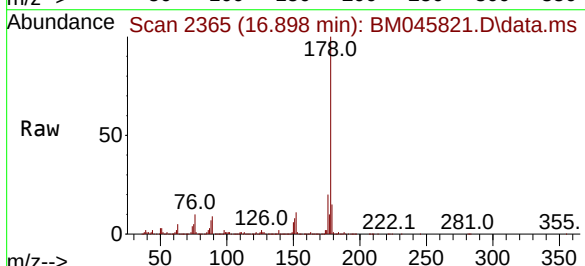
Tgt Ion:178 Resp: 635866

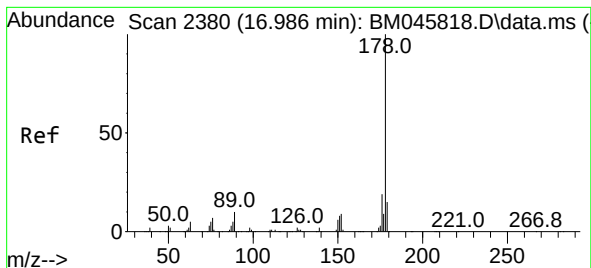
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.5 15.3 22.9





#74

Anthracene

Concen: 1.467 ng/ul

RT: 16.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045821.D

Acq: 04 Jun 2024 17:53

Instrument :

BNA_M

ClientSampleId :

BH6C4

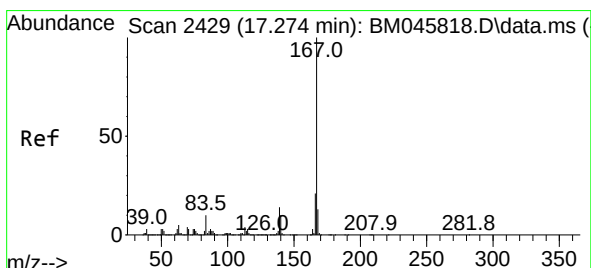
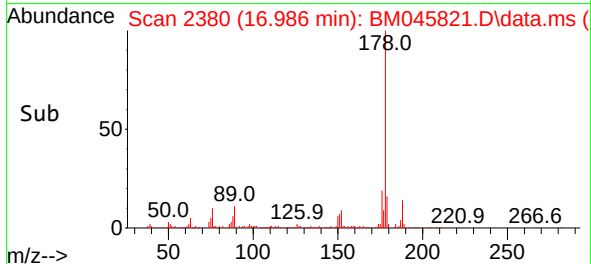
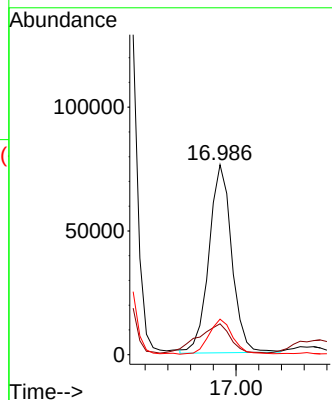
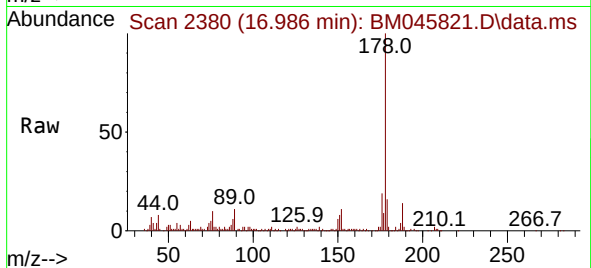
Tgt Ion:178 Resp: 105860

Ion Ratio Lower Upper

178 100

179 16.3 12.0 18.0

176 18.7 15.0 22.6



#77

Carbazole

Concen: 1.009 ng/ul

RT: 17.280 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BM045821.D

Acq: 04 Jun 2024 17:53

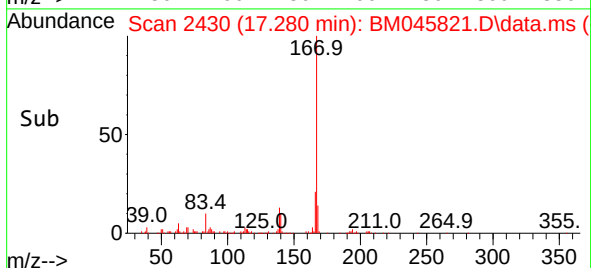
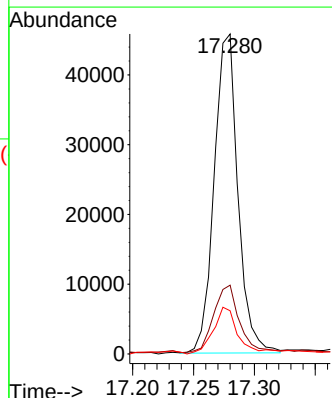
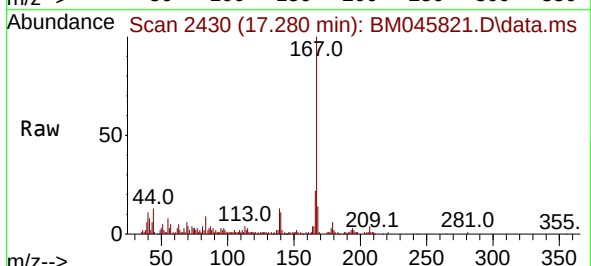
Tgt Ion:167 Resp: 62105

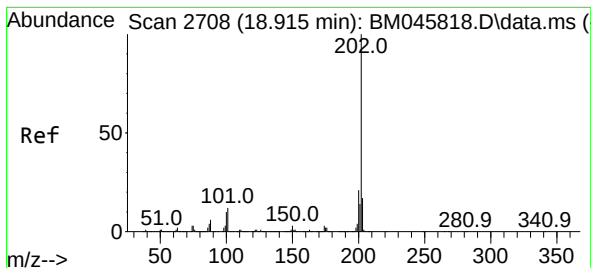
Ion Ratio Lower Upper

167 100

166 21.5 16.6 24.8

139 13.5 10.6 16.0





#80

Fluoranthene

Concen: 18.296 ng/ul

RT: 18.915 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045821.D

Acq: 04 Jun 2024 17:53

Instrument :

BNA_M

ClientSampleId :

BH6C4

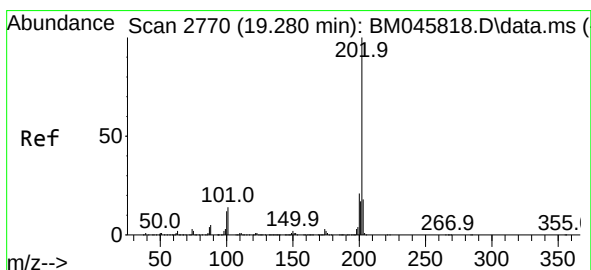
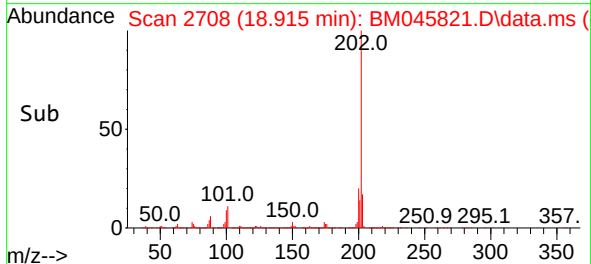
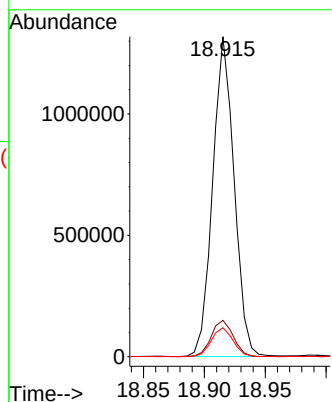
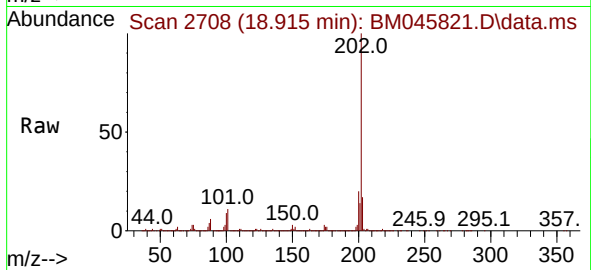
Tgt Ion:202 Resp: 1614418

Ion Ratio Lower Upper

202 100

101 11.3 8.9 13.3

100 9.1 6.6 10.0



#82

Pyrene

Concen: 17.188 ng/ul

RT: 19.280 min Scan# 2770

Delta R.T. -0.006 min

Lab File: BM045821.D

Acq: 04 Jun 2024 17:53

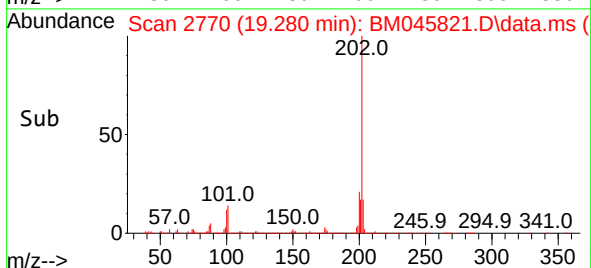
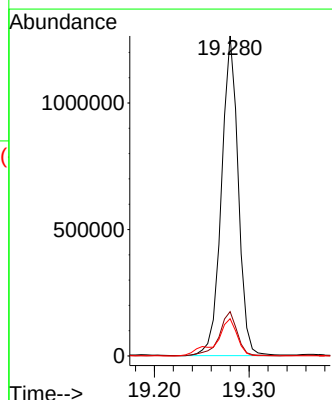
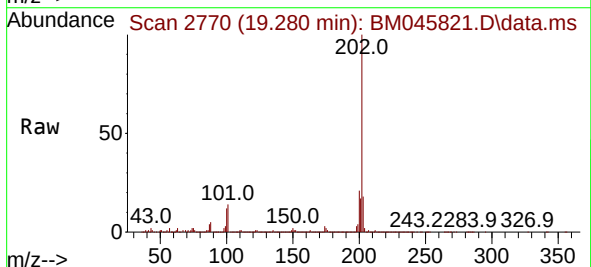
Tgt Ion:202 Resp: 1558242

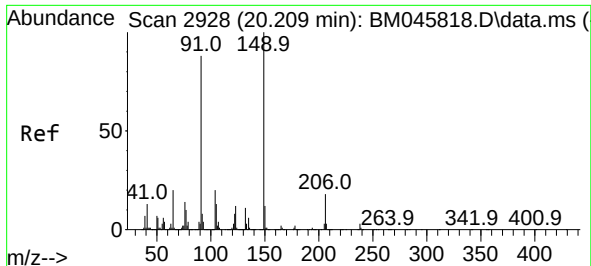
Ion Ratio Lower Upper

202 100

101 13.9 10.5 15.7

100 11.6 8.6 12.8

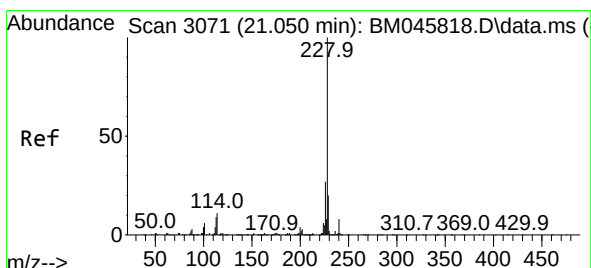
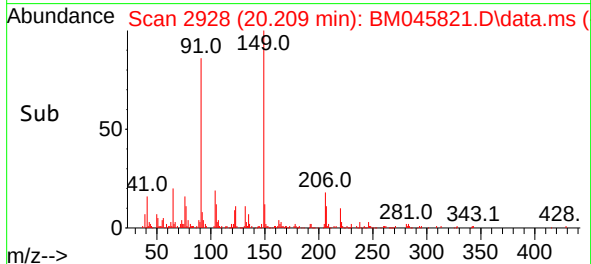
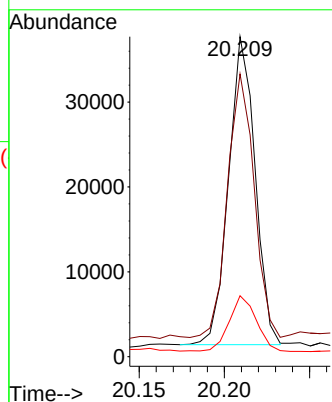
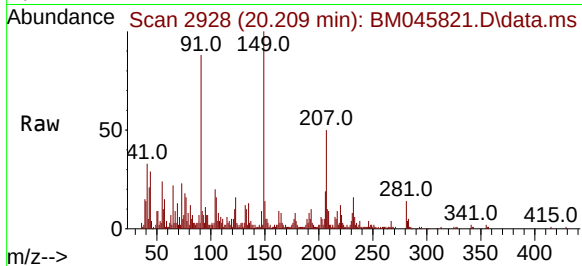




#83
Butylbenzylphthalate
Concen: 1.061 ng/ul
RT: 20.209 min Scan# 2928
Delta R.T. -0.006 min
Lab File: BM045821.D
Acq: 04 Jun 2024 17:53

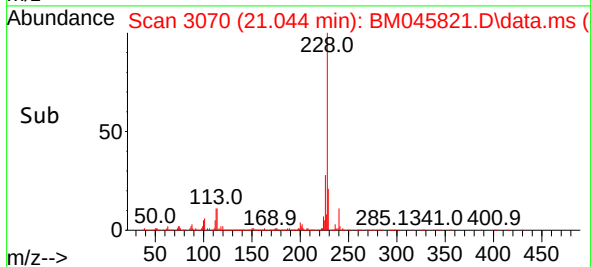
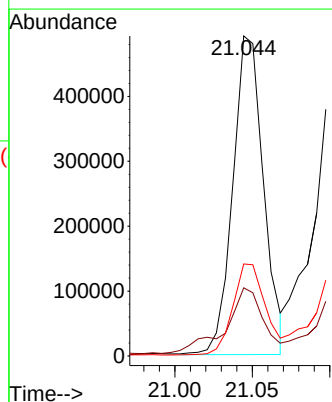
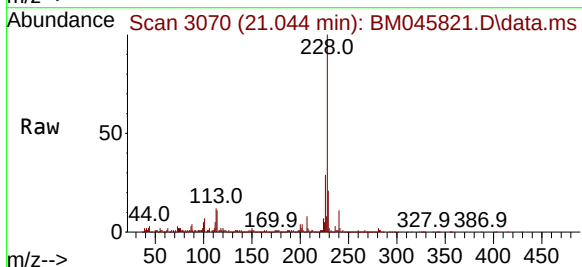
Instrument :
BNA_M
ClientSampleId :
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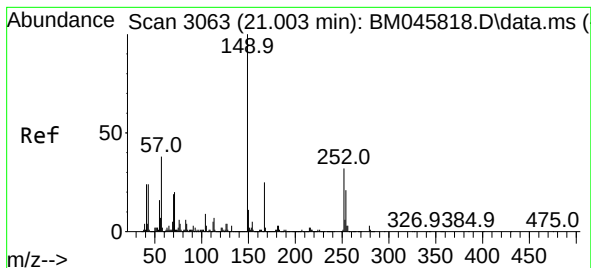
Tgt Ion:149 Resp: 39188
Ion Ratio Lower Upper
149 100
91 88.4 63.7 95.5
206 19.1 15.9 23.9



#85
Benzo(a)anthracene
Concen: 8.379 ng/ul
RT: 21.044 min Scan# 3070
Delta R.T. -0.006 min
Lab File: BM045821.D
Acq: 04 Jun 2024 17:53

Tgt Ion:228 Resp: 677178
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.8
226 28.7 21.4 32.0

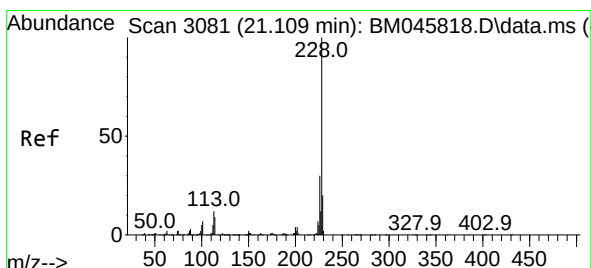
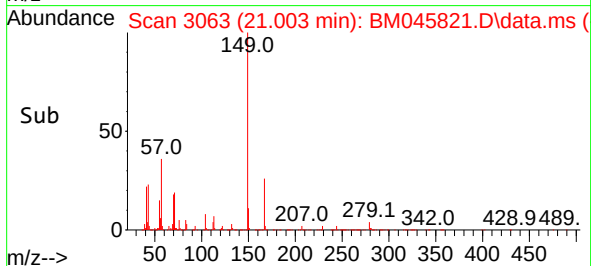
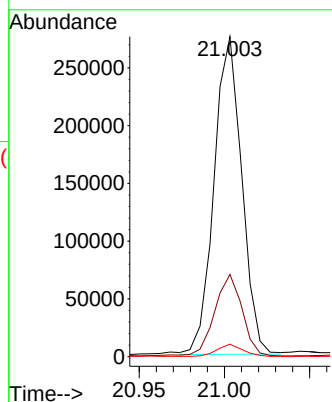
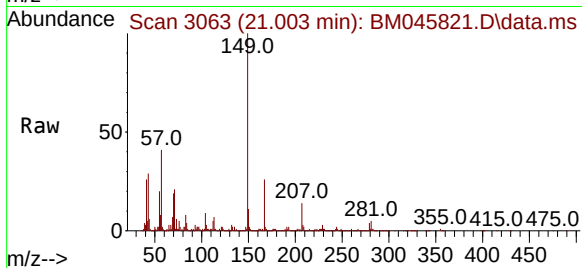




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 5.669 ng/ul
 RT: 21.003 min Scan# 3063
 Delta R.T. -0.006 min
 Lab File: BM045821.D
 Acq: 04 Jun 2024 17:53

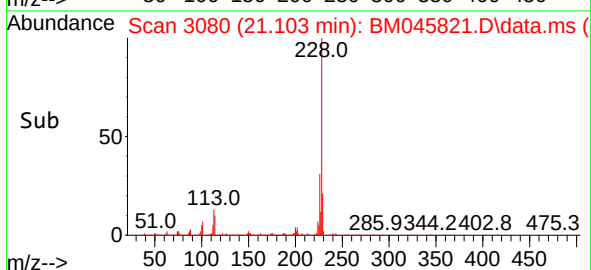
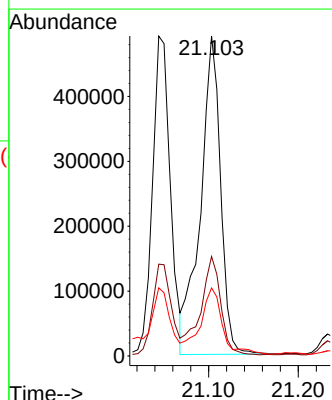
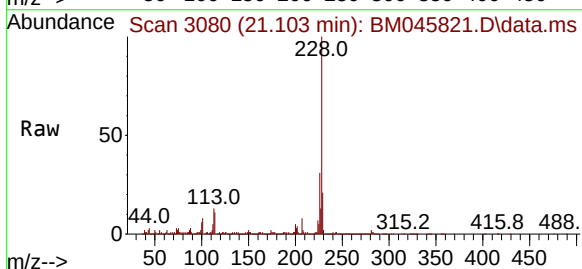
Instrument :
 BNA_M
 ClientSampleId :
 BH6C4

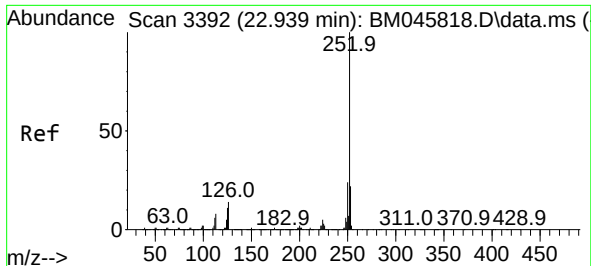
Tgt Ion:149 Resp: 311228
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.4 30.6
 279 3.9 3.1 4.7



#87
 Chrysene
 Concen: 10.249 ng/ul
 RT: 21.103 min Scan# 3080
 Delta R.T. -0.006 min
 Lab File: BM045821.D
 Acq: 04 Jun 2024 17:53

Tgt Ion:228 Resp: 766210
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.2 36.2
 229 21.3 15.2 22.8

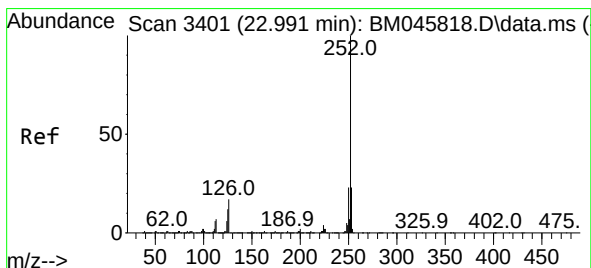
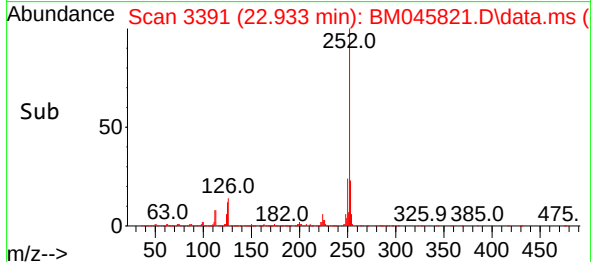
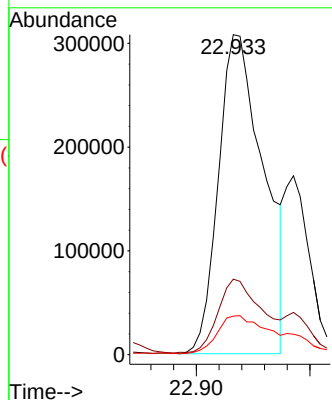
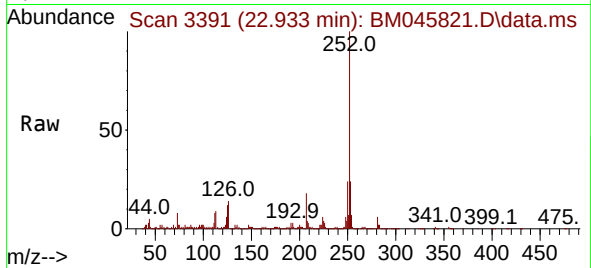




#90
Benzo(b)fluoranthene
Concen: 13.340 ng/ul
RT: 22.933 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM045821.D
Acq: 04 Jun 2024 17:53

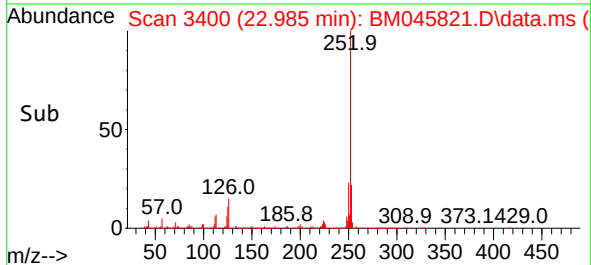
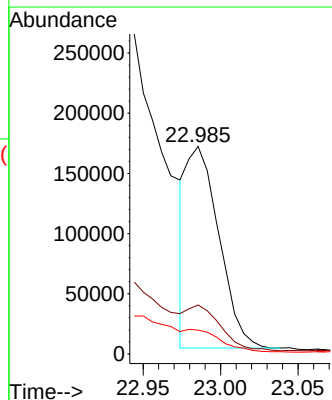
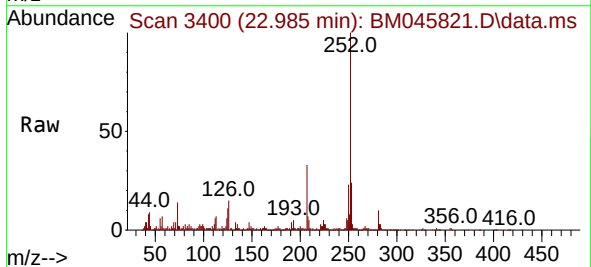
Instrument :
BNA_M
ClientSampleId :
BH6C4

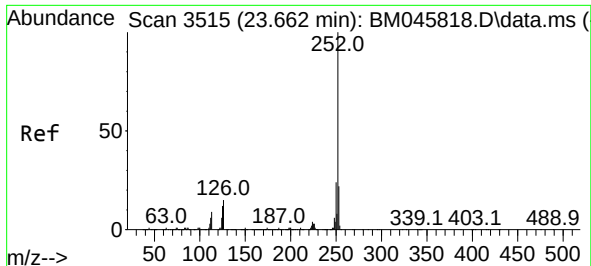
Tgt Ion:252 Resp: 845820
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 12.0 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 3.938 ng/ul
RT: 22.985 min Scan# 3400
Delta R.T. -0.012 min
Lab File: BM045821.D
Acq: 04 Jun 2024 17:53

Tgt Ion:252 Resp: 243868
Ion Ratio Lower Upper
252 100
253 23.6 16.8 25.2
125 11.5 8.2 12.4

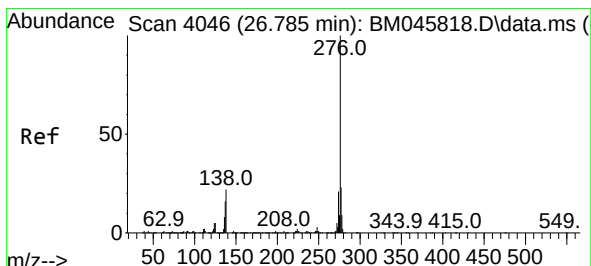
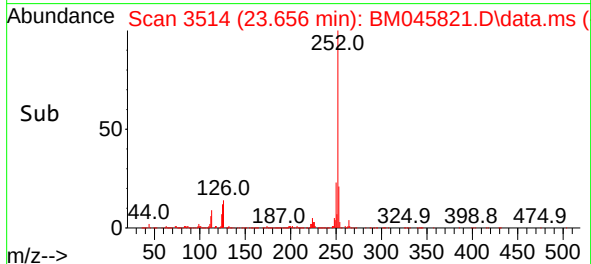
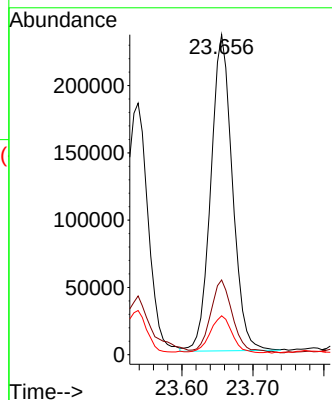
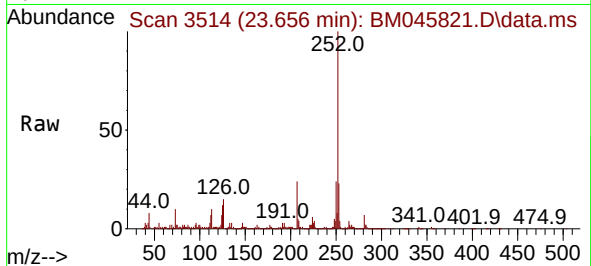




#93
Benzo(a)pyrene
Concen: 8.902 ng/ul
RT: 23.656 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM045821.D
Acq: 04 Jun 2024 17:53

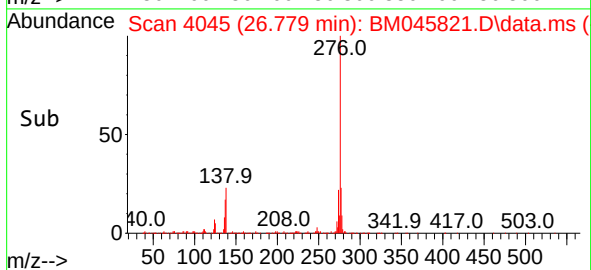
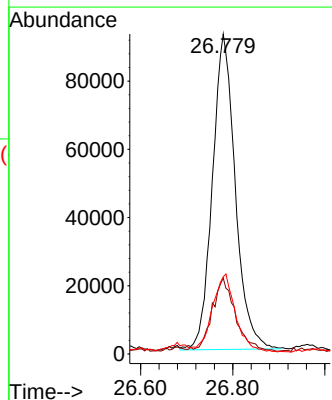
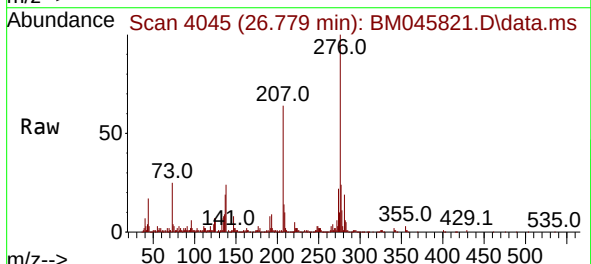
Instrument :
BNA_M
ClientSampleId :
BH6C4

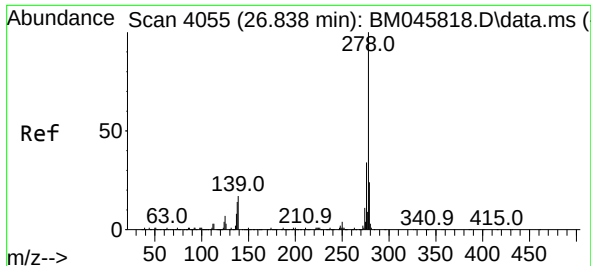
Tgt Ion:252 Resp: 495974
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 12.2 9.3 13.9



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.238 ng/ul
RT: 26.779 min Scan# 4045
Delta R.T. -0.012 min
Lab File: BM045821.D
Acq: 04 Jun 2024 17:53

Tgt Ion:276 Resp: 318725
Ion Ratio Lower Upper
276 100
138 23.7 17.9 26.9
277 24.1 19.0 28.6

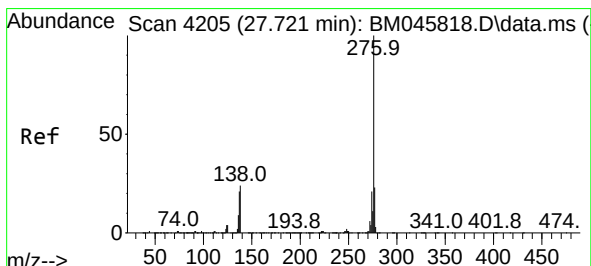
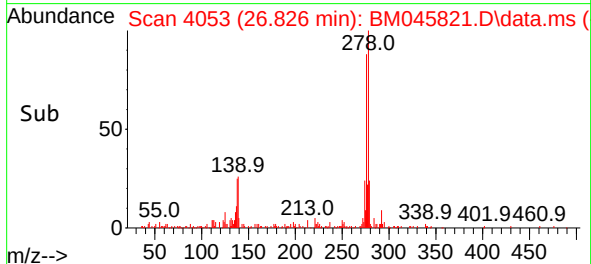
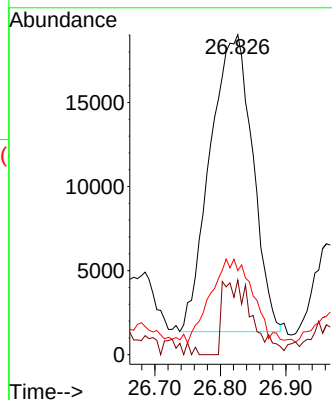
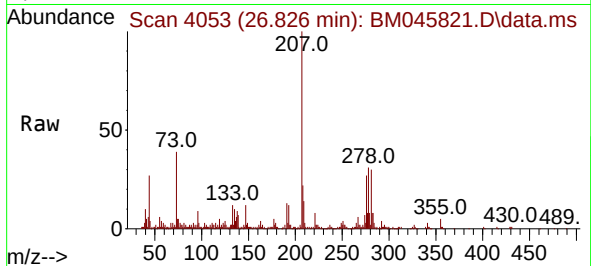




#95
 Dibenzo(a,h)anthracene
 Concen: 1.650 ng/ul
 RT: 26.826 min Scan# 4053
 Delta R.T. -0.012 min
 Lab File: BM045821.D
 Acq: 04 Jun 2024 17:53

Instrument :
 BNA_M
 ClientSampleId :
 BH6C4

Tgt Ion:278 Resp: 79393
 Ion Ratio Lower Upper
 278 100
 139 27.4 13.2 19.8#
 279 26.3 19.1 28.7



#96
 Benzo(g,h,i)perylene
 Concen: 5.166 ng/ul
 RT: 27.709 min Scan# 4203
 Delta R.T. -0.018 min
 Lab File: BM045821.D
 Acq: 04 Jun 2024 17:53

Tgt Ion:276 Resp: 276869
 Ion Ratio Lower Upper
 276 100
 138 23.1 18.6 27.8
 277 23.8 18.7 28.1

