

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045827.D
 Acq On : 04 Jun 2024 21:51
 Operator : MA/JU
 Sample : P2589-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH6D0

Quant Time: Jun 04 22:56:30 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

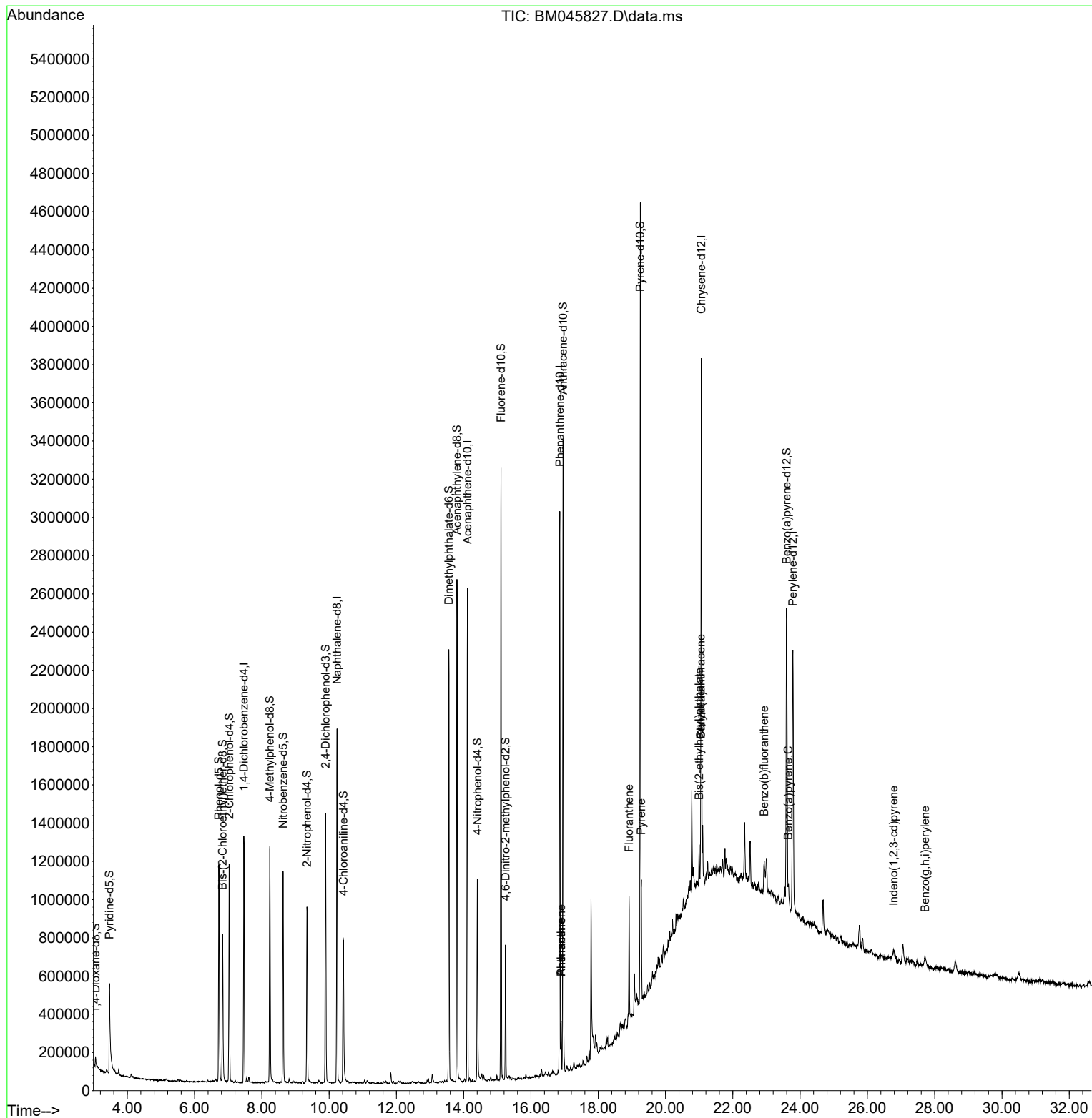
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	303227	20.000	ng/ul	0.00
20) Naphthalene-d8	10.233	136	1285905	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	788664	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.857	188	1578131	20.000	ng/ul	0.00
79) Chrysene-d12	21.062	240	1197167	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1047177	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.057	96	24197	3.094	ng/uL	0.00
4) Pyridine-d5	3.469	84	323372	16.058	ng/ul	0.00
7) Phenol-d5	6.722	99	567882	22.045	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	384643	20.794	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	434656	22.589	ng/ul	0.00
15) 4-Methylphenol-d8	8.239	113	421410	21.653	ng/ul	0.00
21) Nitrobenzene-d5	8.634	128	218258	21.708	ng/ul	0.00
24) 2-Nitrophenol-d4	9.345	143	229326	22.537	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	442630	23.197	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	432676	16.384	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	1360022	24.909	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	1504516	23.730	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	208156	17.665	ng/ul	0.00
60) Fluorene-d10	15.110	176	1157520	24.851	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	100518	12.473	ng/ul	0.00
73) Anthracene-d10	16.951	188	1710067	24.926	ng/ul	0.00
81) Pyrene-d10	19.251	212	1952140	26.221	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.597	264	1235621	25.247	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	16.898	178	140265	1.687	ng/ul	97
74) Anthracene	16.898	178	141859	1.708	ng/ul	97
80) Fluoranthene	18.915	202	345650	3.830	ng/ul	97
82) Pyrene	19.280	202	321427	3.466	ng/ul	98
85) Benzo(a)anthracene	21.045	228	150753	1.824	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	20.997	149	63153	1.125	ng/ul	99
87) Chrysene	21.045	228	150829	1.972	ng/ul	95
90) Benzo(b)fluoranthene	22.933	252	176723	2.746	ng/ul#	89
93) Benzo(a)pyrene	23.650	252	106577	1.885	ng/ul#	85
94) Indeno(1,2,3-cd)pyrene	26.779	276	75003	1.215	ng/ul	97
96) Benzo(g,h,i)perylene	27.715	276	75120	1.381	ng/ul#	88

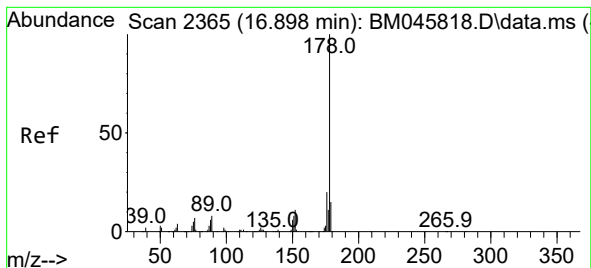
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 31 13:01:11 2024
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#72

Phenanthrene

Concen: 1.687 ng/ul

RT: 16.898 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM045827.D

Acq: 04 Jun 2024 21:51

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BNA_M

ClientSampleId :

BH6D0

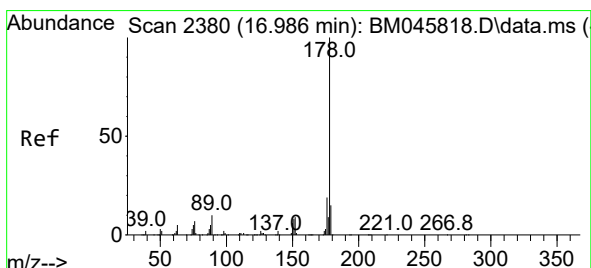
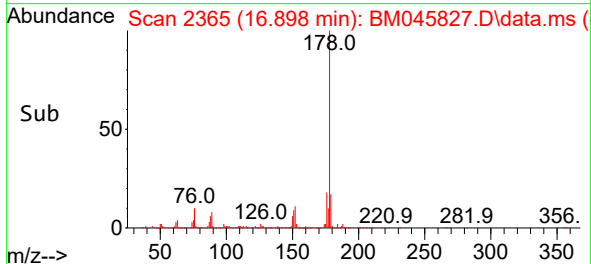
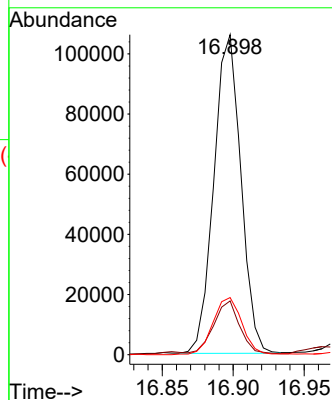
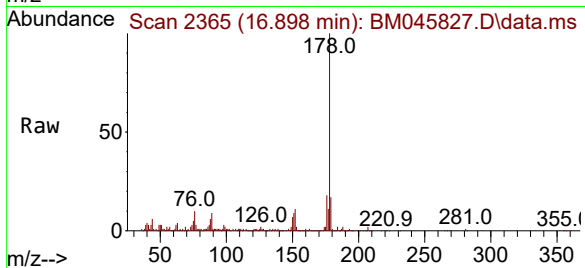
Tgt Ion:178 Resp: 140265

Ion Ratio Lower Upper

178 100

179 16.8 12.4 18.6

176 17.8 15.3 22.9



#74

Anthracene

Concen: 1.708 ng/ul

RT: 16.898 min Scan# 2365

Delta R.T. -0.094 min

Lab File: BM045827.D

Acq: 04 Jun 2024 21:51

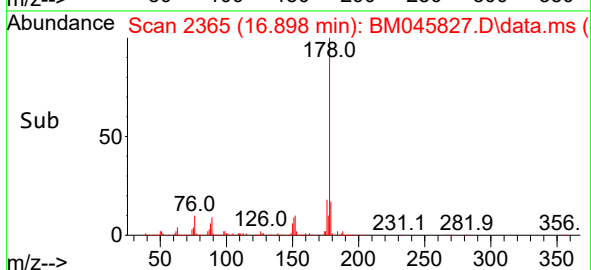
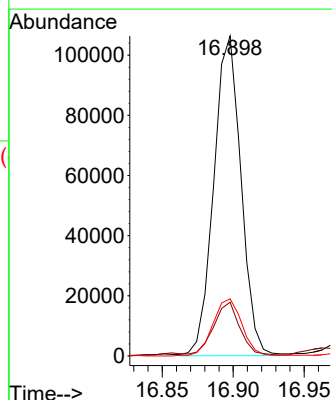
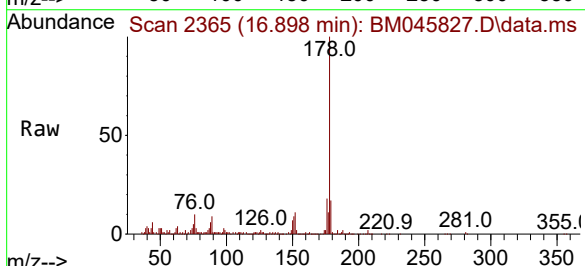
Tgt Ion:178 Resp: 141859

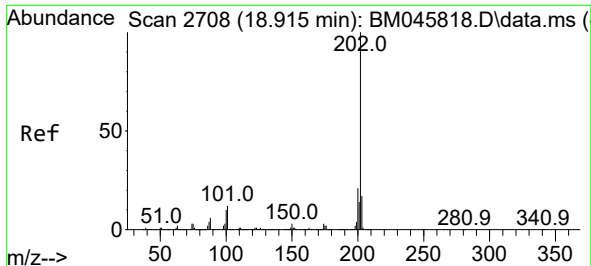
Ion Ratio Lower Upper

178 100

179 16.8 12.0 18.0

176 17.8 15.0 22.6

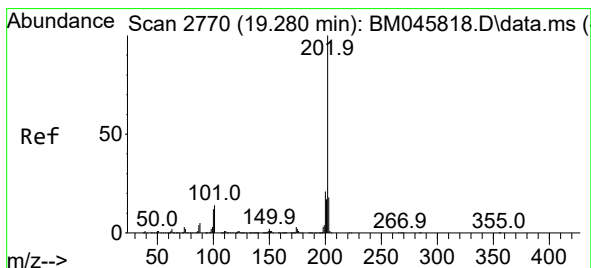
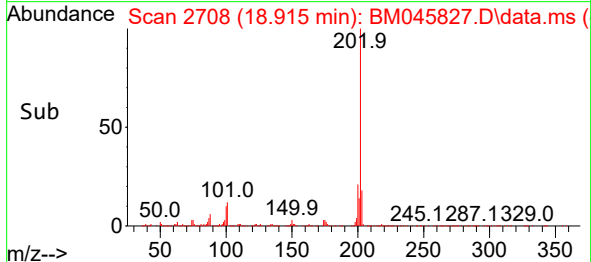
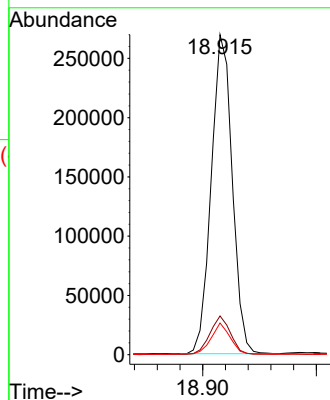
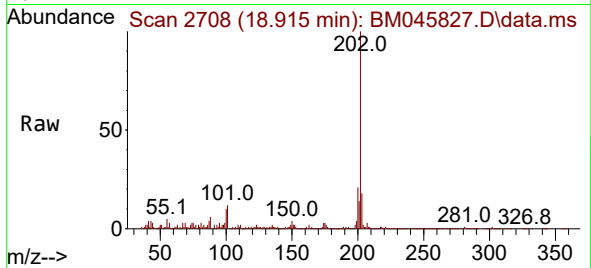




#80
Fluoranthene
Concen: 3.830 ng/ul
RT: 18.915 min Scan# 2708
Delta R.T. -0.006 min
Lab File: BM045827.D
Acq: 04 Jun 2024 21:51

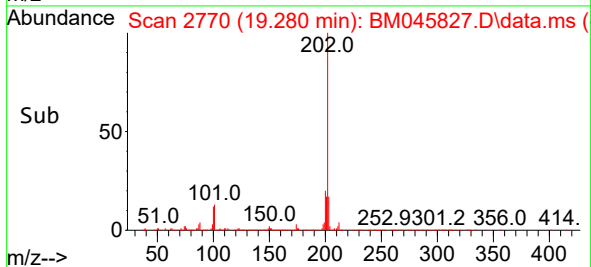
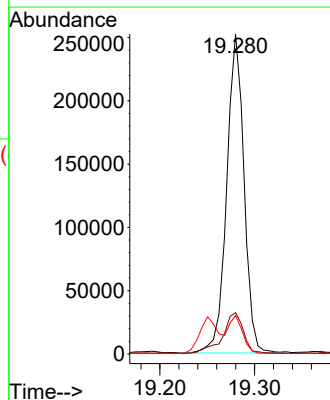
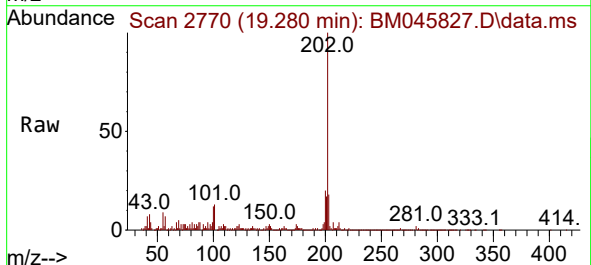
Instrument :
BNA_M
ClientSampleId :
BH6D0

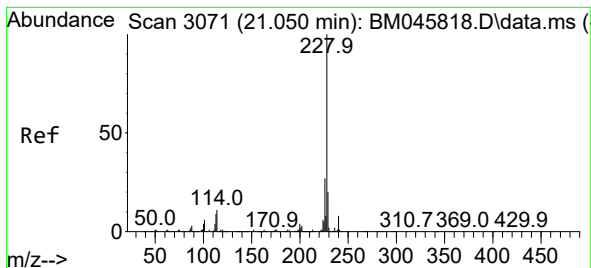
Tgt Ion:202 Resp: 345650
Ion Ratio Lower Upper
202 100
101 12.1 8.9 13.3
100 9.9 6.6 10.0



#82
Pyrene
Concen: 3.466 ng/ul
RT: 19.280 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BM045827.D
Acq: 04 Jun 2024 21:51

Tgt Ion:202 Resp: 321427
Ion Ratio Lower Upper
202 100
101 12.9 10.5 15.7
100 12.0 8.6 12.8





#85

Benzo(a)anthracene

Concen: 1.824 ng/ul

RT: 21.045 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM045827.D

Acq: 04 Jun 2024 21:51

Instrument :

BNA_M

ClientSampleId :

BH6D0

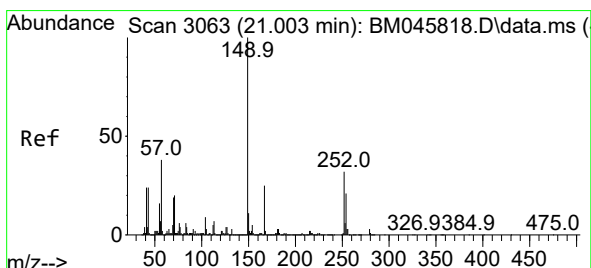
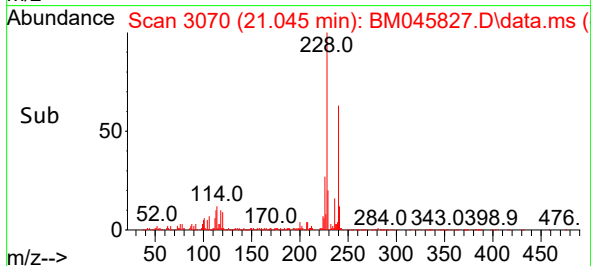
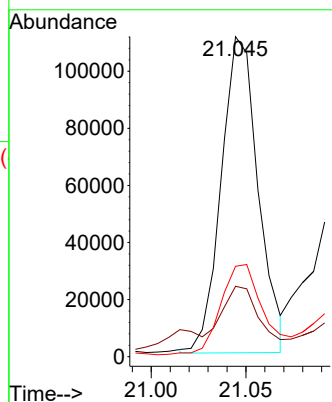
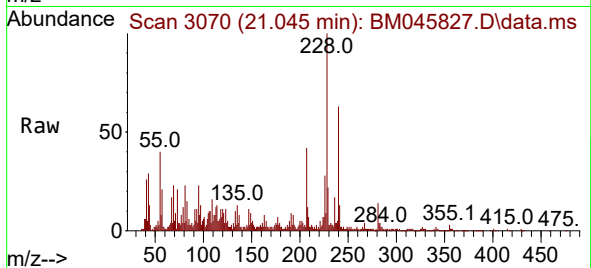
Tgt Ion:228 Resp: 150753

Ion Ratio Lower Upper

228 100

229 22.0 15.8 23.8

226 28.3 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.125 ng/ul

RT: 20.997 min Scan# 3062

Delta R.T. -0.012 min

Lab File: BM045827.D

Acq: 04 Jun 2024 21:51

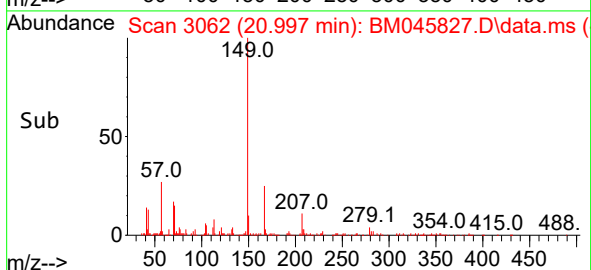
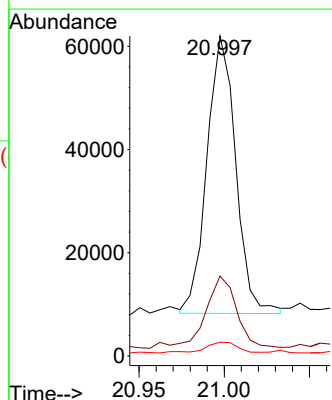
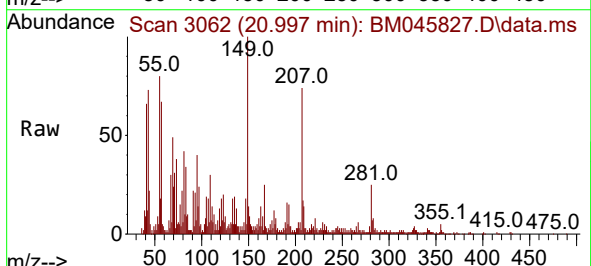
Tgt Ion:149 Resp: 63153

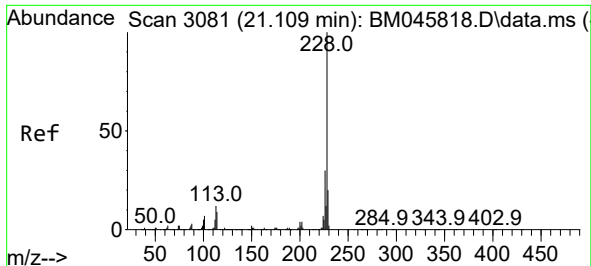
Ion Ratio Lower Upper

149 100

167 25.0 20.4 30.6

279 4.3 3.1 4.7

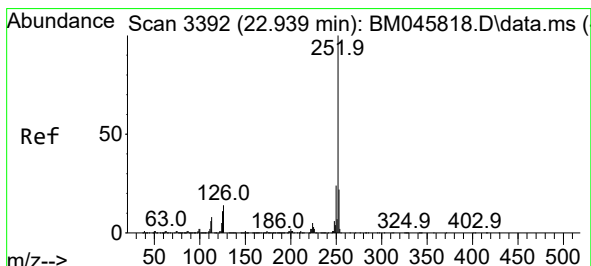
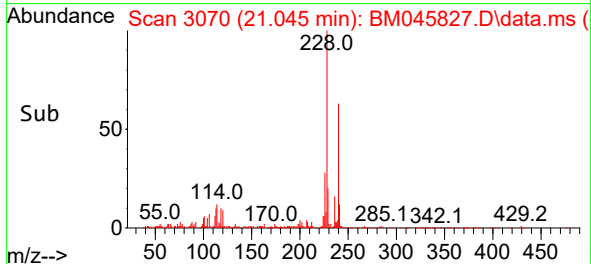
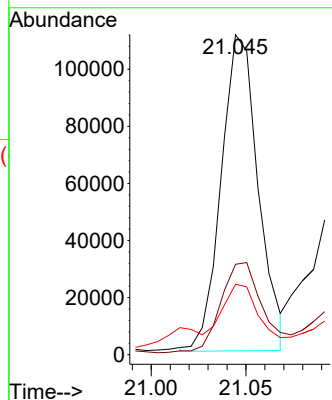
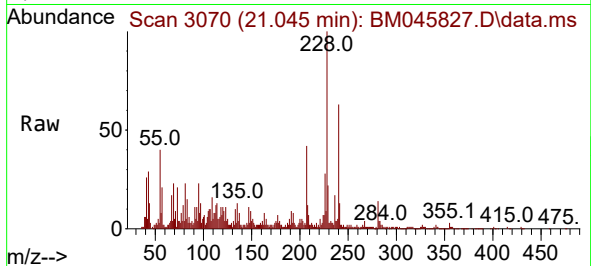




#87
Chrysene
Concen: 1.972 ng/ul
RT: 21.045 min Scan# 3081
Delta R.T. -0.065 min
Lab File: BM045827.D
Acq: 04 Jun 2024 21:51

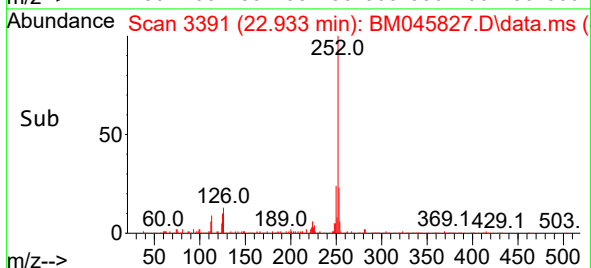
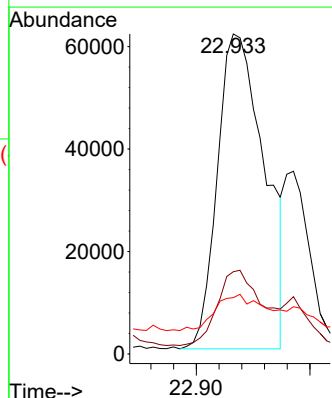
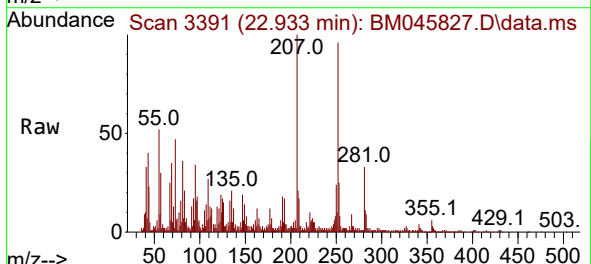
Instrument :
BNA_M
ClientSampleId :
BH6D0

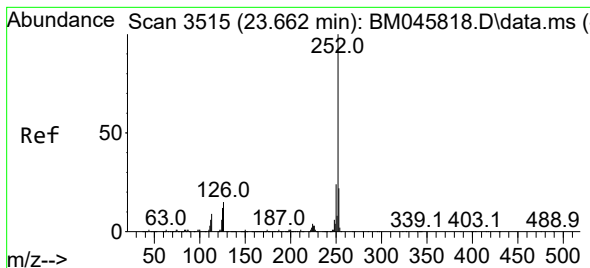
Tgt Ion:228 Resp: 150829
Ion Ratio Lower Upper
228 100
226 28.3 24.2 36.2
229 22.0 15.2 22.8



#90
Benzo(b)fluoranthene
Concen: 2.746 ng/ul
RT: 22.933 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BM045827.D
Acq: 04 Jun 2024 21:51

Tgt Ion:252 Resp: 176723
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.6
125 17.6 8.4 12.6#





#93

Benzo(a)pyrene

Concen: 1.885 ng/ul

RT: 23.650 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM045827.D

Acq: 04 Jun 2024 21:51

Instrument :

BNA_M

ClientSampleId :

BH6D0

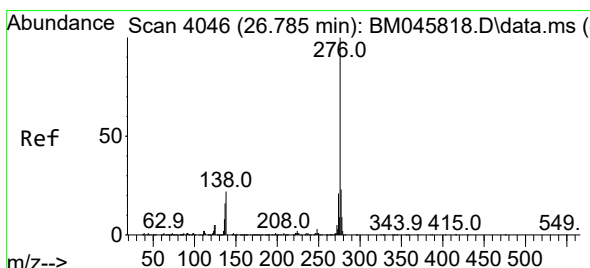
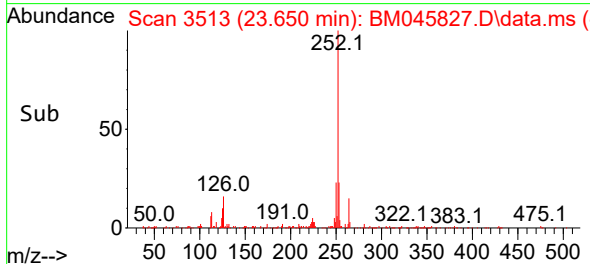
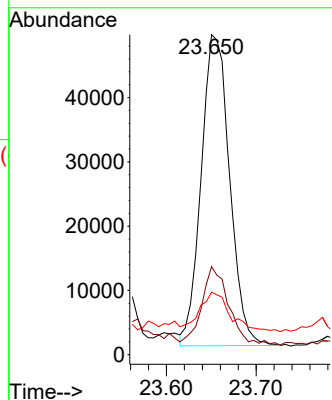
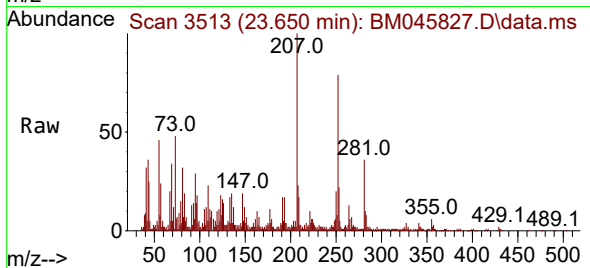
Tgt Ion:252 Resp: 106577

Ion Ratio Lower Upper

252 100

253 27.5 17.5 26.3#

125 19.5 9.3 13.9#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.215 ng/ul

RT: 26.779 min Scan# 4045

Delta R.T. -0.012 min

Lab File: BM045827.D

Acq: 04 Jun 2024 21:51

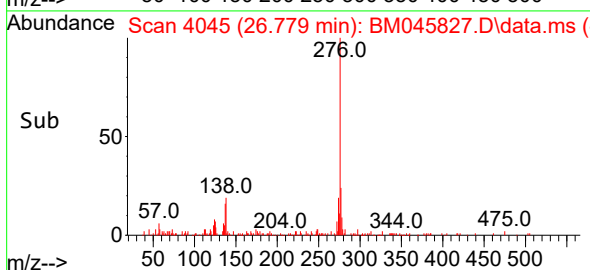
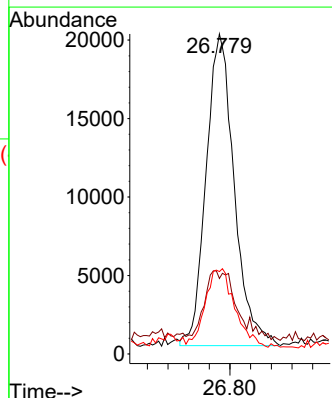
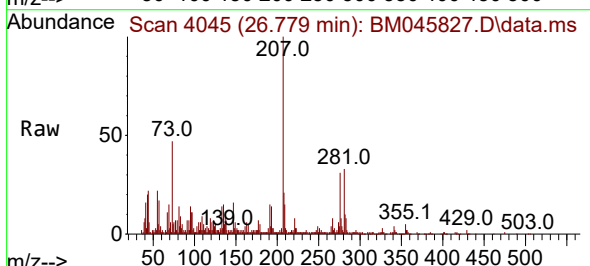
Tgt Ion:276 Resp: 75003

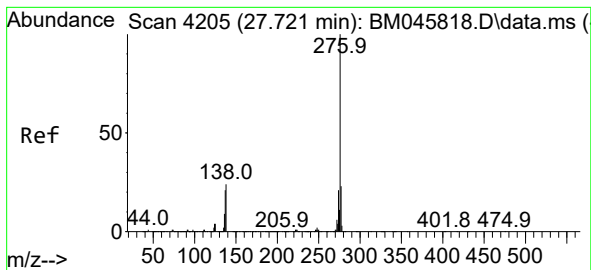
Ion Ratio Lower Upper

276 100

138 23.6 17.9 26.9

277 25.7 19.0 28.6





#96
 Benzo(g,h,i)perylene
 Concen: 1.381 ng/ul
 RT: 27.715 min Scan# 41
 Delta R.T. -0.012 min
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Instrument :
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Tgt Ion:276 Resp: 75120
 Ion Ratio Lower Upper
 276 100
 138 32.8 18.6 27.8#
 277 25.7 18.7 28.1

