

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
 Data File : BM047978.D
 Acq On : 10 Oct 2024 13:47
 Operator : RC/JU
 Sample : P4162-15DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EJ0DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 15:03:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

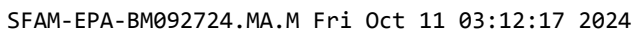
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

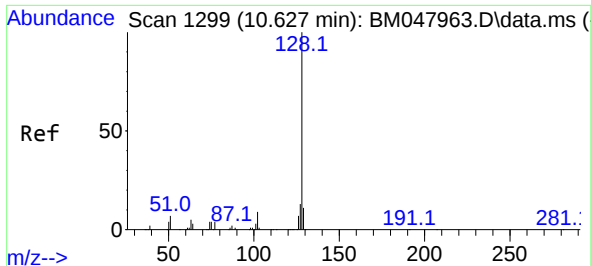
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	222930	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	876961	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	532539	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1153581	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	1190815	20.000	ng/u1	0.00
88) Perylene-d12	24.368	264	1388088	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	3682	0.534	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.957	99	54174	2.570	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	35174	2.351	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	45416	2.961	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	36142	2.306	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	19015	2.723	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	19677	2.941	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	39362	2.945	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	17393m	0.842	ng/u1	0.01
46) Dimethylphthalate-d6	13.828	166	129968	3.366	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	149138	3.258	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	11141m	1.449	ng/u1	0.01
60) Fluorene-d10	15.410	176	121804	3.642	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	10218	1.514	ng/u1	0.00
73) Anthracene-d10	17.257	188	200209	3.530	ng/u1	0.00
81) Pyrene-d10	19.545	212	204722	3.029	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.162	264	148867	2.067	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.628	128	140665	2.789	ng/u1	98
36) 2-Methylnaphthalene	12.239	142	42199	1.317	ng/u1	94
52) Acenaphthene	14.486	153	174069	4.770	ng/u1	98
56) Dibenzofuran	14.822	168	171121	3.483	ng/u1	98
61) Fluorene	15.469	166	209847	5.120	ng/u1	99
72) Phenanthrene	17.204	178	2745703	40.587	ng/u1	100
74) Anthracene	17.292	178	736695	10.677	ng/u1	99
77) Carbazole	17.557	167	275596	4.407	ng/u1	99
80) Fluoranthene	19.210	202	3183587	39.996	ng/u1	100
82) Pyrene	19.574	202	2011044	22.700	ng/u1	95
85) Benzo(a)anthracene	21.362	228	1446078	17.344	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	85060	1.809	ng/u1	100
87) Chrysene	21.427	228	1339267	16.477	ng/u1	96
90) Benzo(b)fluoranthene	23.427	252	1510436	17.449	ng/u1	98
91) Benzo(k)fluoranthene	23.486	252	548732m	6.199	ng/u1	
93) Benzo(a)pyrene	24.227	252	492179	5.987	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.733	276	415147	3.940	ng/u1	99
95) Dibenzo(a,h)anthracene	27.768	278	180166m	2.087	ng/u1	

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

Manual Integrations

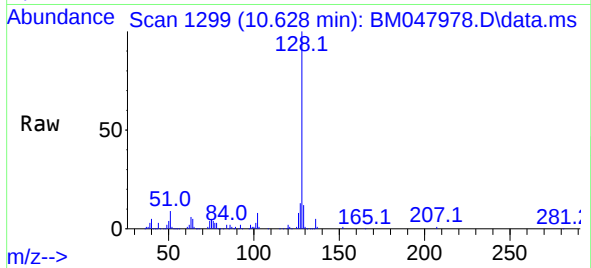
Quant Time: Oct 10 15:03:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.789 ng/ul
RT: 10.628 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47

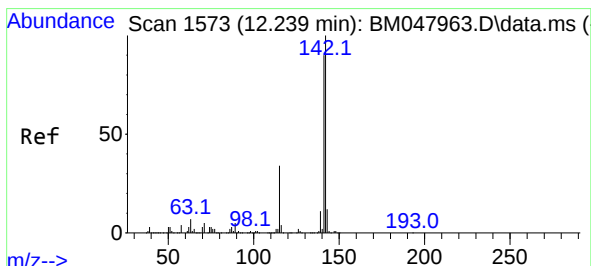
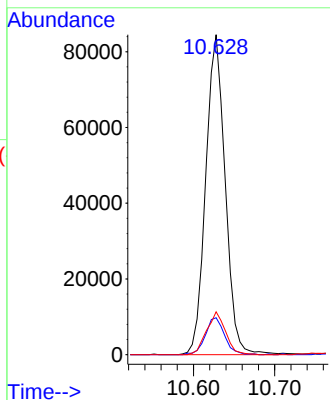
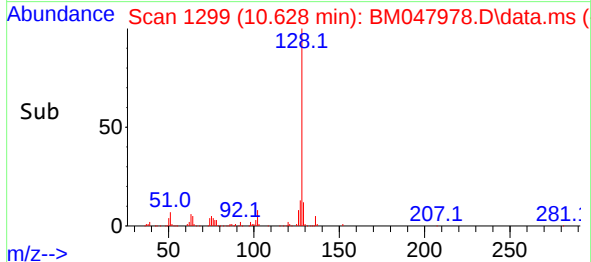
Instrument :
BNA_M
ClientSampleId :
A4EJ0DL



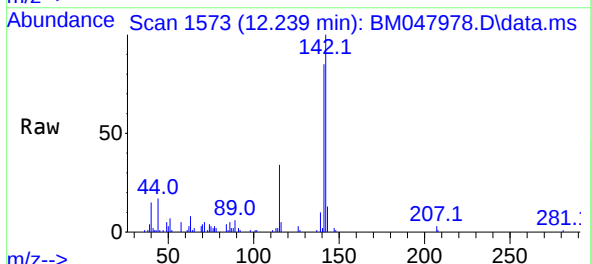
Tgt Ion:128 Resp: 14066
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 13.4 10.4 15.6

Manual Integrations
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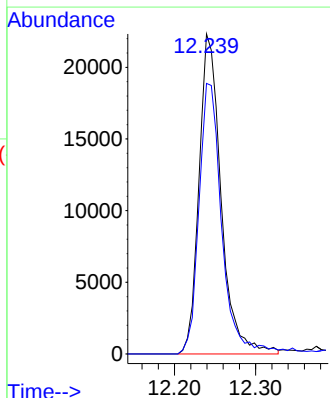
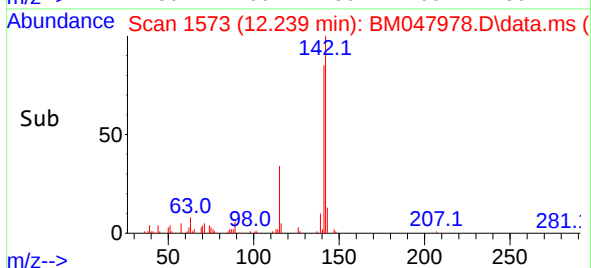
Reviewed By :Jagrut Upadhyay 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

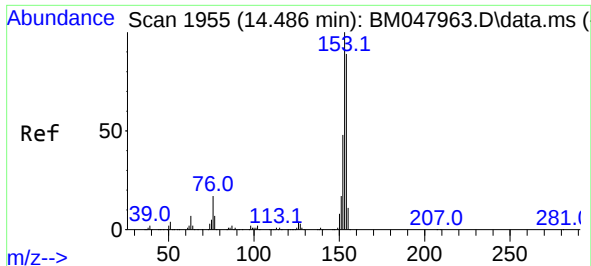


#36
2-Methylnaphthalene
Concen: 1.317 ng/ul
RT: 12.239 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47



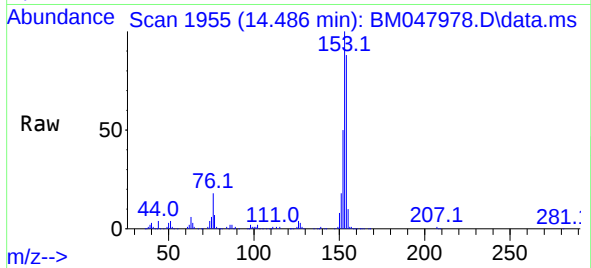
Tgt Ion:142 Resp: 42199
Ion Ratio Lower Upper
142 100
141 84.6 72.5 108.7





#52
Acenaphthene
Concen: 4.770 ng/ul
RT: 14.486 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47

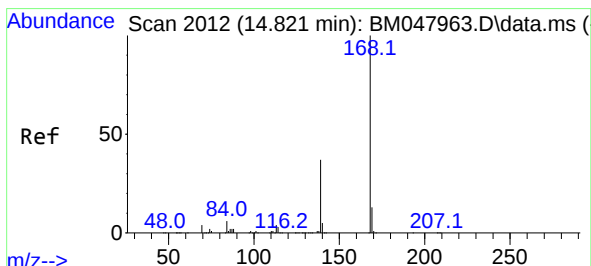
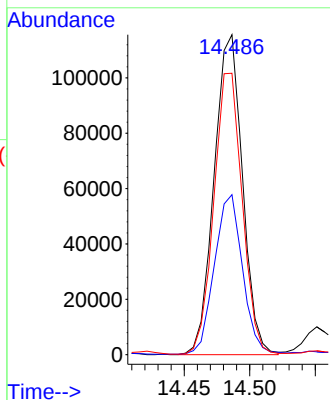
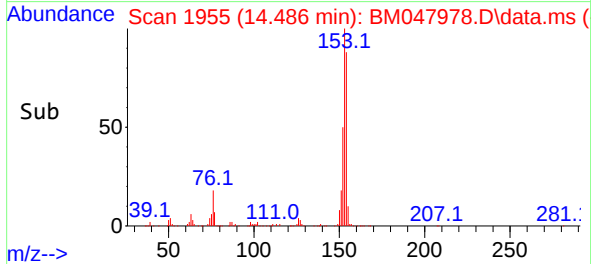
Instrument :
BNA_M
ClientSampleId :
A4EJ0DL



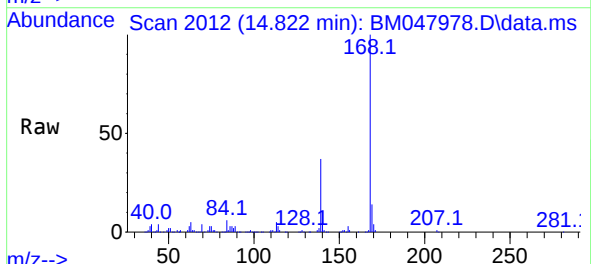
Tgt Ion:153 Resp: 174069
Ion Ratio Lower Upper
153 100
152 50.0 39.7 59.5
154 87.9 72.6 108.8

Manual Integrations
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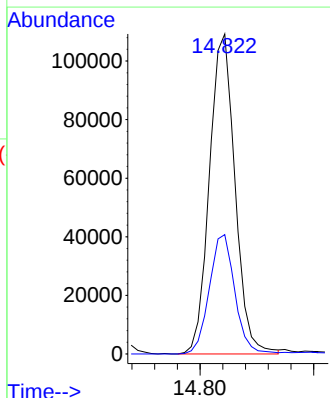
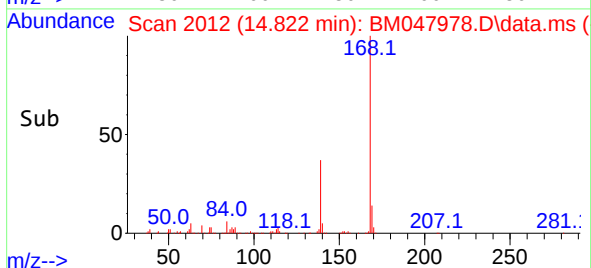
Reviewed By :Jagrut Upadhyay 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

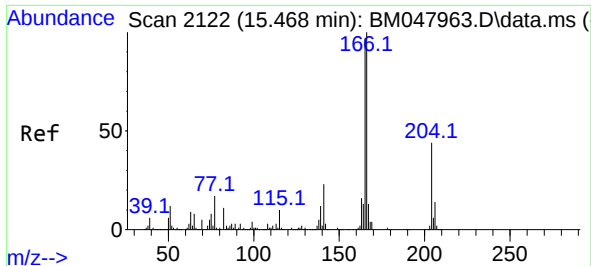


#56
Dibenzofuran
Concen: 3.483 ng/ul
RT: 14.822 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47



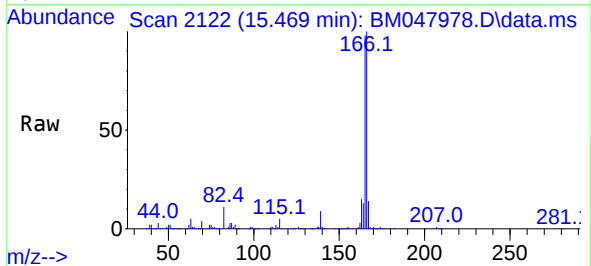
Tgt Ion:168 Resp: 171121
Ion Ratio Lower Upper
168 100
139 37.3 31.0 46.6





#61
Fluorene
Concen: 5.120 ng/u1
RT: 15.469 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47

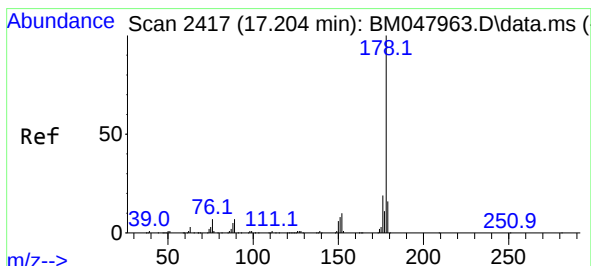
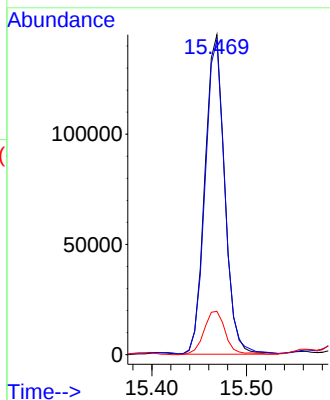
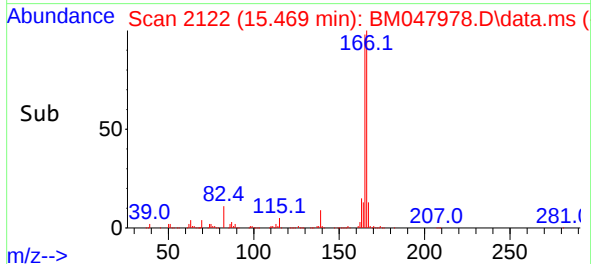
Instrument :
BNA_M
ClientSampleId :
A4EJ0DL



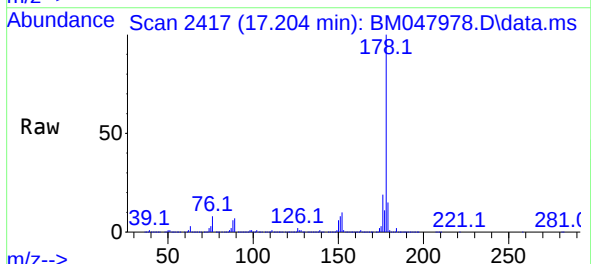
Tgt Ion:166 Resp: 20984
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.6
167 13.5 10.8 16.2

Manual Integrations
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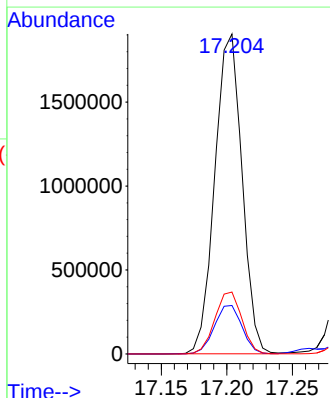
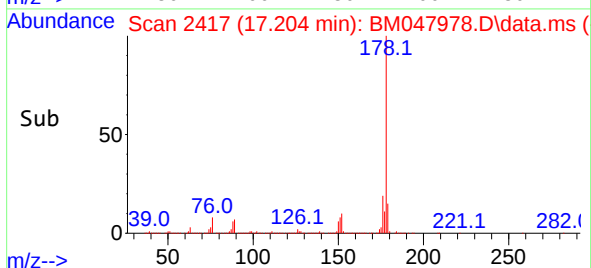
Reviewed By :Jagrut Upadhyay 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

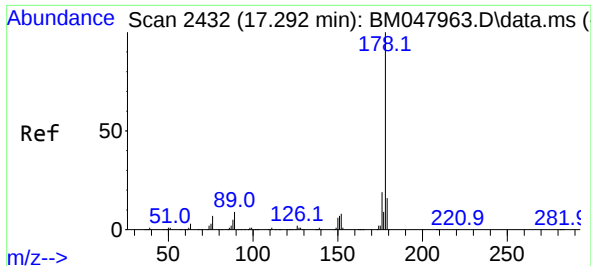


#72
Phenanthrene
Concen: 40.587 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47



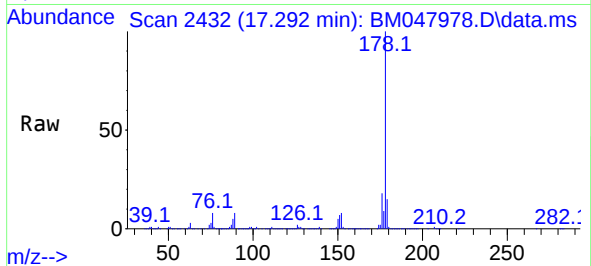
Tgt Ion:178 Resp: 2745703
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 19.4 15.4 23.0





#74
 Anthracene
 Concen: 10.677 ng/u1
 RT: 17.292 min Scan# 2432
 Delta R.T. 0.000 min
 Lab File: BM047978.D
 Acq: 10 Oct 2024 13:47

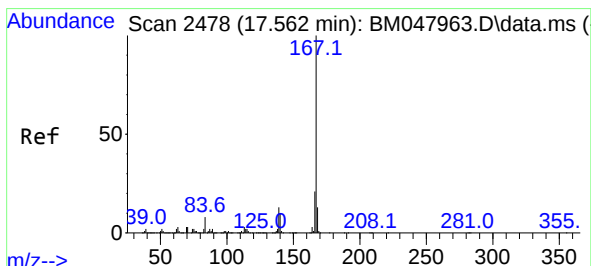
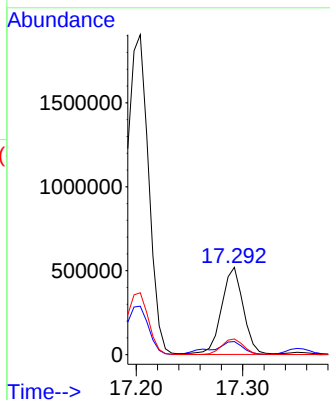
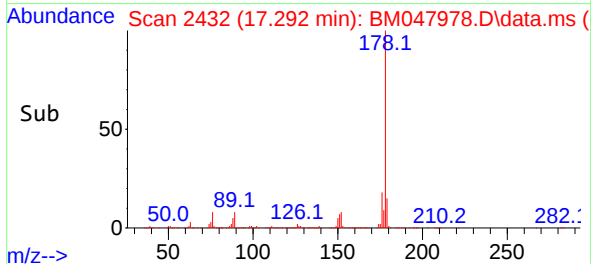
Instrument :
 BNA_M
 ClientSampleId :
 A4EJ0DL



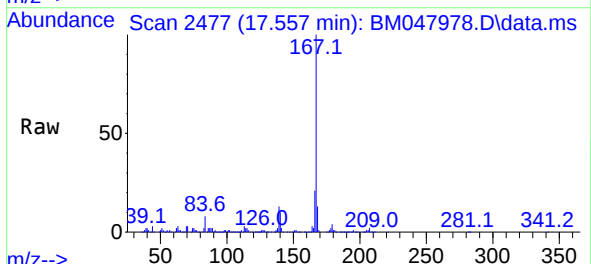
Tgt Ion:178 Resp: 736695
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.4 18.6
 176 18.0 14.7 22.1

Manual Integrations
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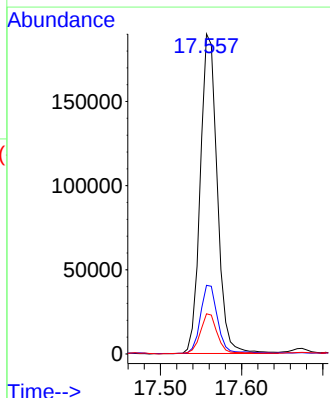
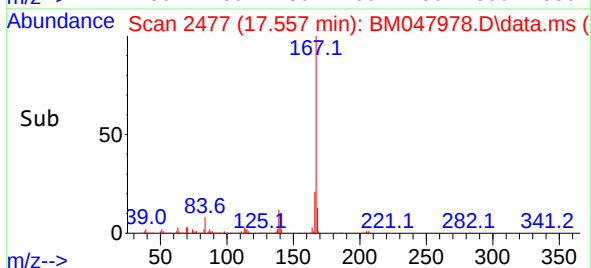
Reviewed By :Jagrut Upadhyay 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

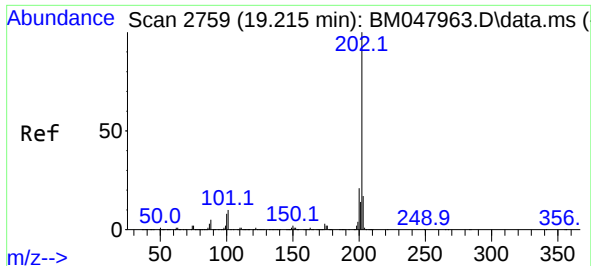


#77
 Carbazole
 Concen: 4.407 ng/u1
 RT: 17.557 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM047978.D
 Acq: 10 Oct 2024 13:47



Tgt Ion:167 Resp: 275596
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.5 10.9 16.3





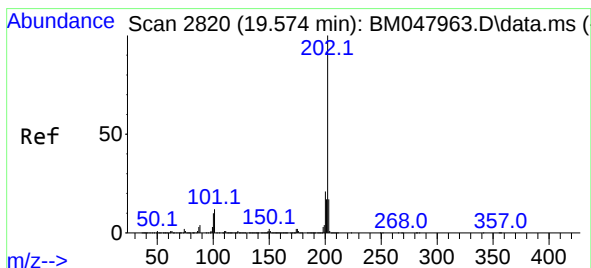
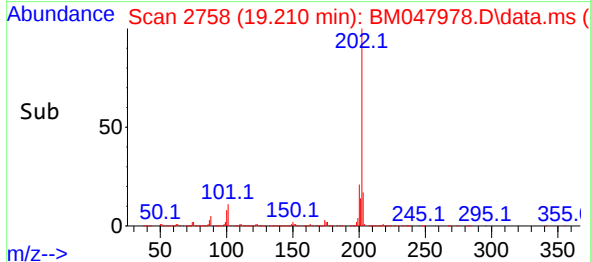
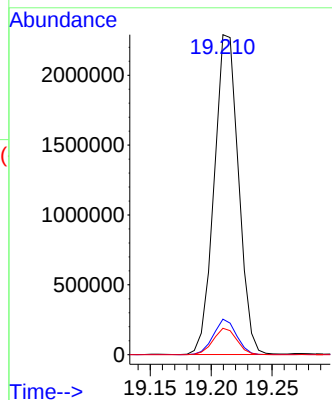
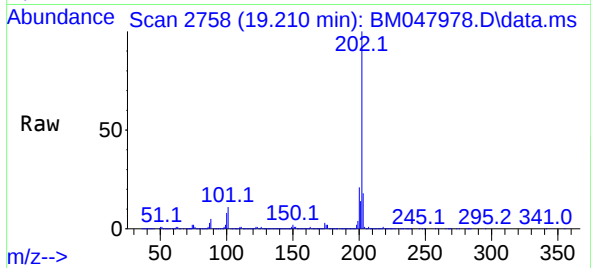
#80
Fluoranthene
Concen: 39.996 ng/u1
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47

Instrument :
BNA_M
ClientSampleId :
A4EJ0DL

Tgt Ion:202 Resp: 318358
Ion Ratio Lower Upper
202 100
101 11.1 9.0 13.4
100 8.3 6.8 10.2

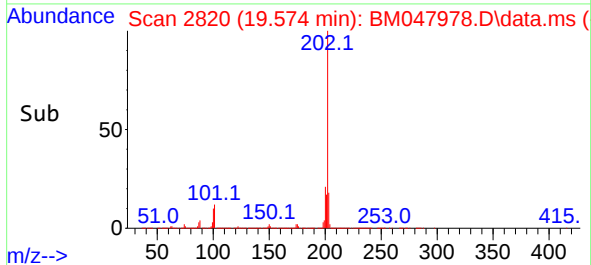
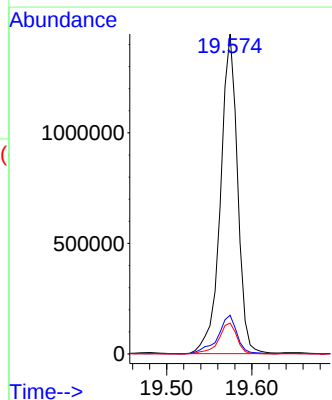
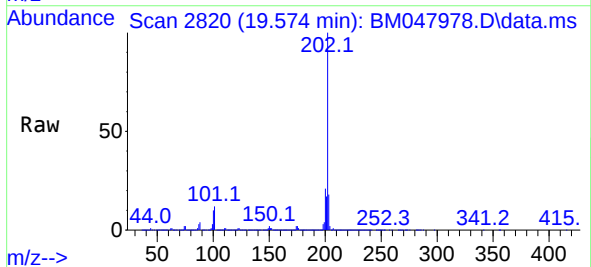
Manual Integrations
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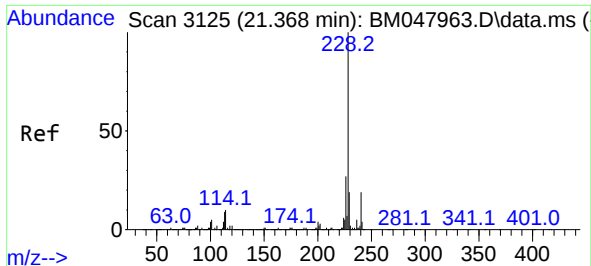
Reviewed By :Jagrut Upadhyay 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#82
Pyrene
Concen: 22.700 ng/u1
RT: 19.574 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47

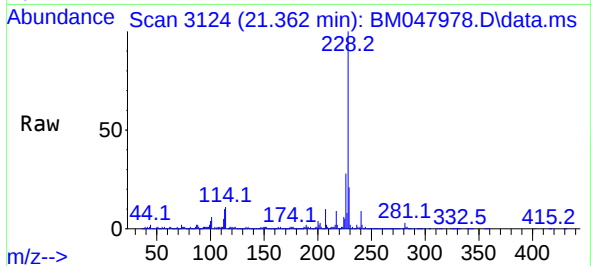
Tgt Ion:202 Resp: 2011044
Ion Ratio Lower Upper
202 100
101 12.1 10.9 16.3
100 9.7 9.4 14.2





#85
Benzo(a)anthracene
Concen: 17.344 ng/ul
RT: 21.362 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47

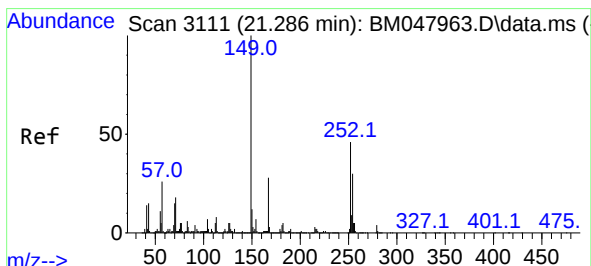
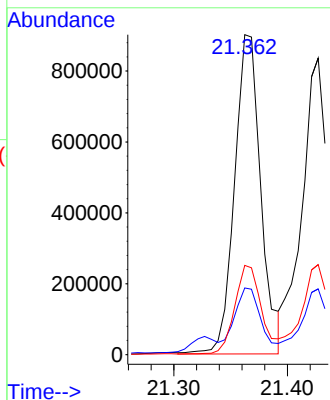
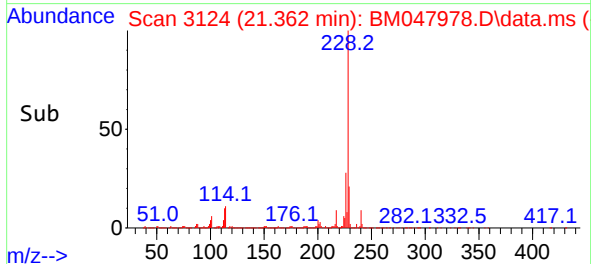
Instrument :
BNA_M
ClientSampleId :
A4EJ0DL



Tgt Ion:228 Resp: 1446078
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 27.9 21.9 32.9

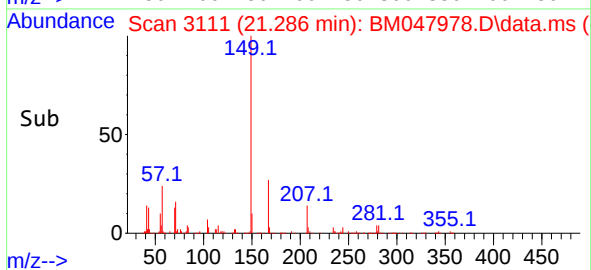
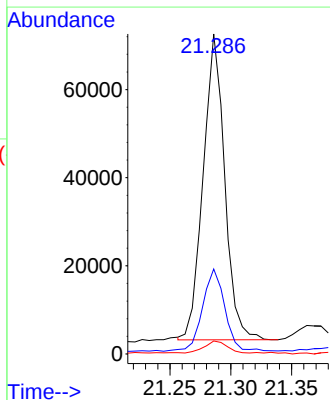
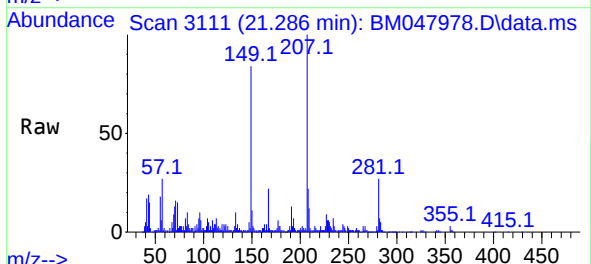
Manual Integrations
APPROVED

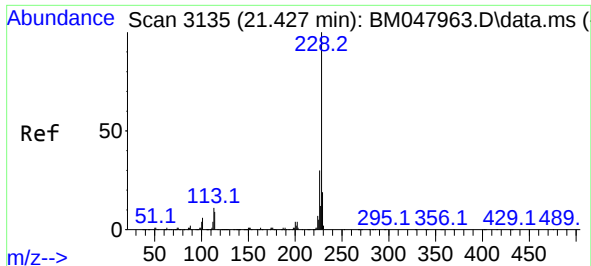
Reviewed By :Jagrut Upadhyay 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.809 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47

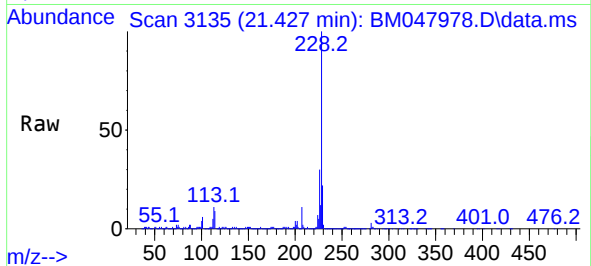
Tgt Ion:149 Resp: 85060
Ion Ratio Lower Upper
149 100
167 26.5 21.3 31.9
279 4.1 2.7 4.1





#87
Chrysene
Concen: 16.477 ng/u1
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47

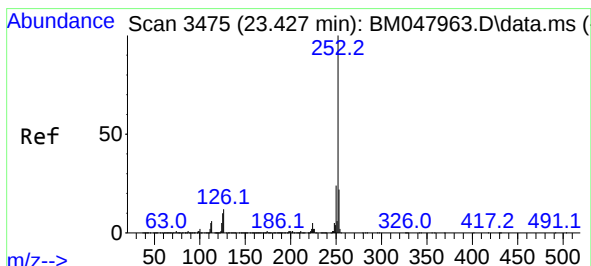
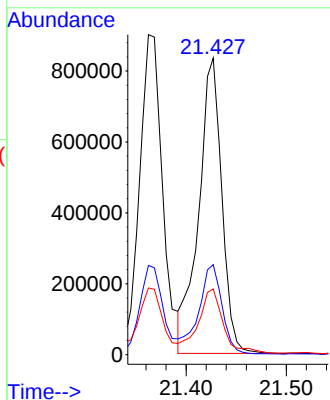
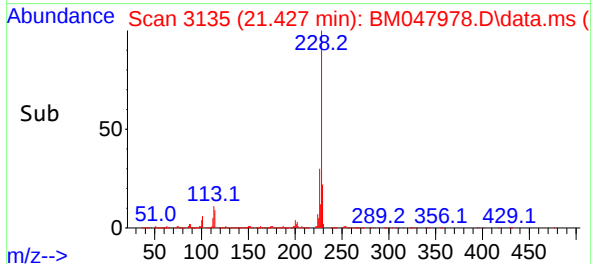
Instrument :
BNA_M
ClientSampleId :
A4EJ0DL



Tgt Ion:228 Resp: 133926
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 22.2 15.3 22.9

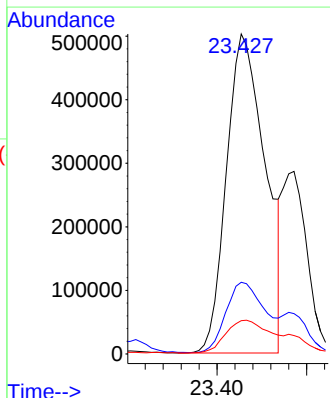
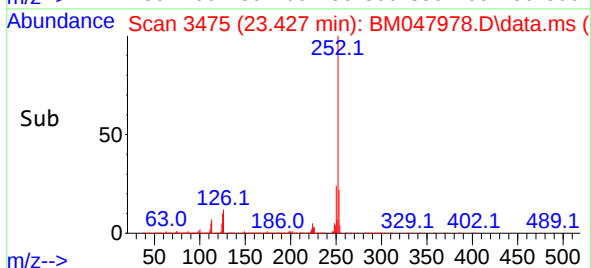
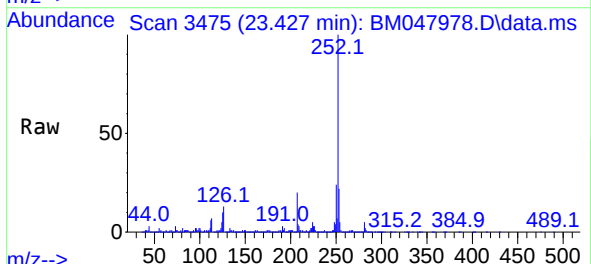
Manual Integrations
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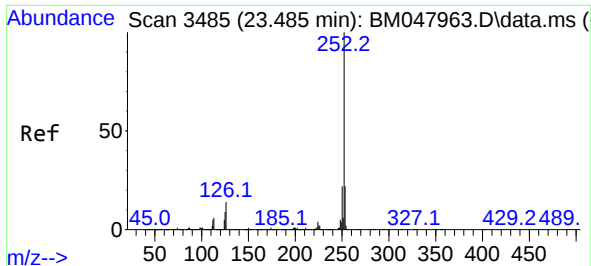
Reviewed By :Jagrut Upadhyay 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#90
Benzo(b)fluoranthene
Concen: 17.449 ng/u1
RT: 23.427 min Scan# 3475
Delta R.T. 0.000 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47

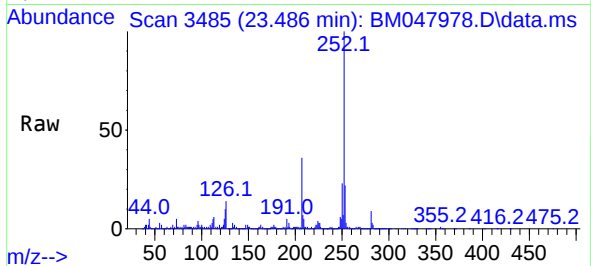
Tgt Ion:252 Resp: 1510436
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.4 9.0 13.4





#91
Benzo(k)fluoranthene
Concen: 6.199 ng/ul m
RT: 23.486 min Scan# 3485
Delta R.T. 0.000 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47

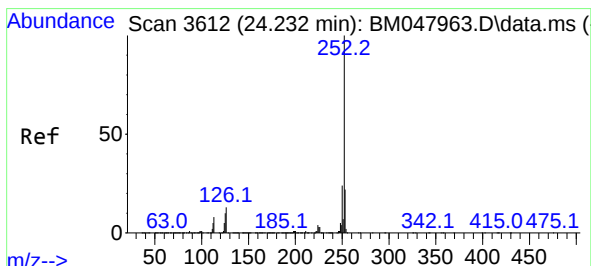
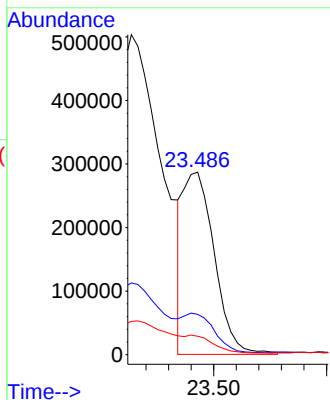
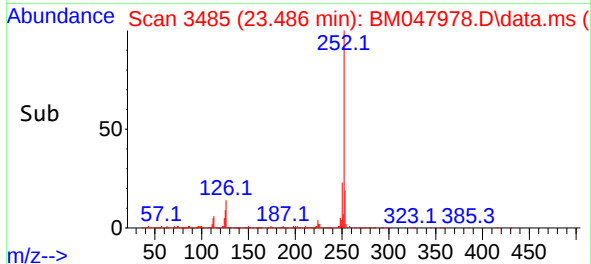
Instrument :
BNA_M
ClientSampleId :
A4EJ0DL



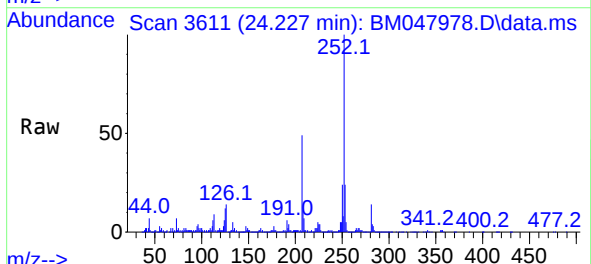
Tgt Ion:252 Resp: 548732
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.0 8.9 13.3

Manual Integrations
APPROVED

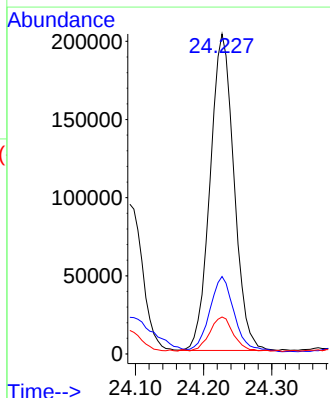
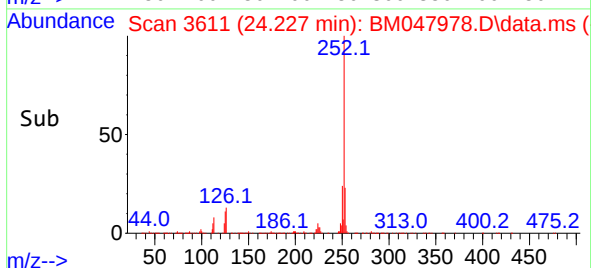
Reviewed By :Jagrut Upadhyay 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

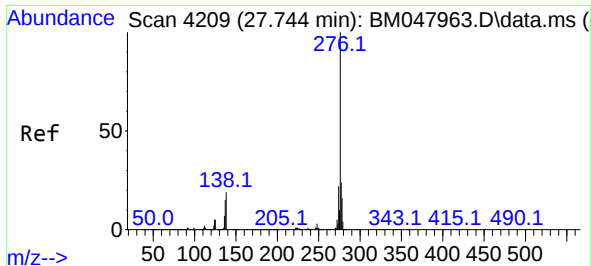


#93
Benzo(a)pyrene
Concen: 5.987 ng/ul
RT: 24.227 min Scan# 3611
Delta R.T. -0.006 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47



Tgt Ion:252 Resp: 492179
Ion Ratio Lower Upper
252 100
253 24.2 17.2 25.8
125 11.6 10.1 15.1





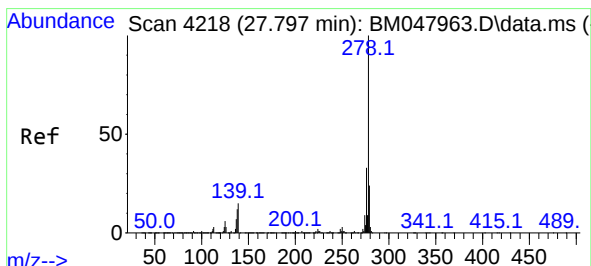
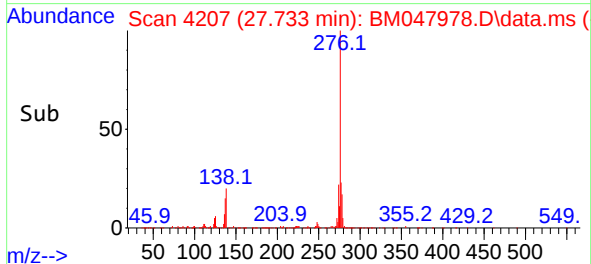
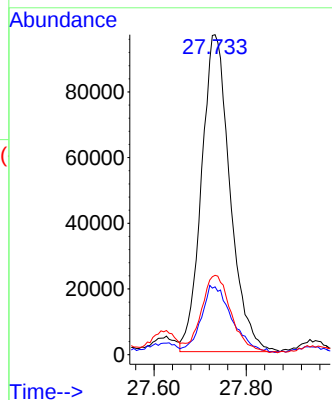
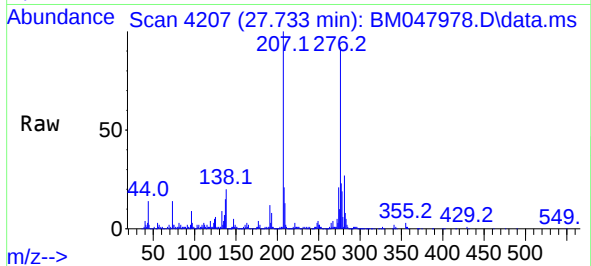
#94
Indeno(1,2,3-cd)pyrene
Concen: 3.940 ng/ul
RT: 27.733 min Scan# 41514
Delta R.T. -0.011 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47

Instrument :
BNA_M
ClientSampleId :
A4EJ0DL

Tgt Ion:276 Resp: 41514
Ion Ratio Lower Upper
276 100
138 21.2 16.9 25.3
277 24.8 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#95
Dibenzo(a,h)anthracene
Concen: 2.087 ng/ul m
RT: 27.768 min Scan# 4213
Delta R.T. -0.029 min
Lab File: BM047978.D
Acq: 10 Oct 2024 13:47

Tgt Ion:278 Resp: 180166
Ion Ratio Lower Upper
278 100
139 17.7 13.4 20.2
279 26.3 18.4 27.6

