

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049127.D
 Acq On : 21 Dec 2024 07:50
 Operator : RC/JU
 Sample : P5265-08DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 22 23:06:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	10459	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	31264	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	18045	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	36594	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	30791	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	33339	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	5877	0.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1099	0.026	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	1641	0.019	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.370	128	1692	0.022	ng/ul#	78
7) 2-Methylnaphthalene	11.998	142	1205	0.024	ng/ul	97
11) Acenaphthene	14.257	153	3101	0.057	ng/ul	97
12) Fluorene	15.252	166	1724	0.028	ng/ul#	94
15) Phenanthrene	16.985	178	83798	0.877	ng/ul	98
16) Anthracene	17.074	178	5265	0.060	ng/ul#	90
19) Fluoranthene	19.007	202	98526	0.885	ng/ul	100
20) Pyrene	19.374	202	85065	0.716	ng/ul	98
21) Benzo(a)anthracene	21.128	228	21000	0.196	ng/ul	97
22) Chrysene	21.178	228	28299	0.246	ng/ul	97
24) Benzo(b)fluoranthene	22.662	252	36785m	0.345	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	12557m	0.107	ng/ul	
26) Benzo(a)pyrene	23.206	252	23207	0.227	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.440	276	21827	0.151	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.447	278	3769	0.034	ng/ul#	45
29) Benzo(g,h,i)perylene	26.094	276	23232	0.200	ng/ul	97

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

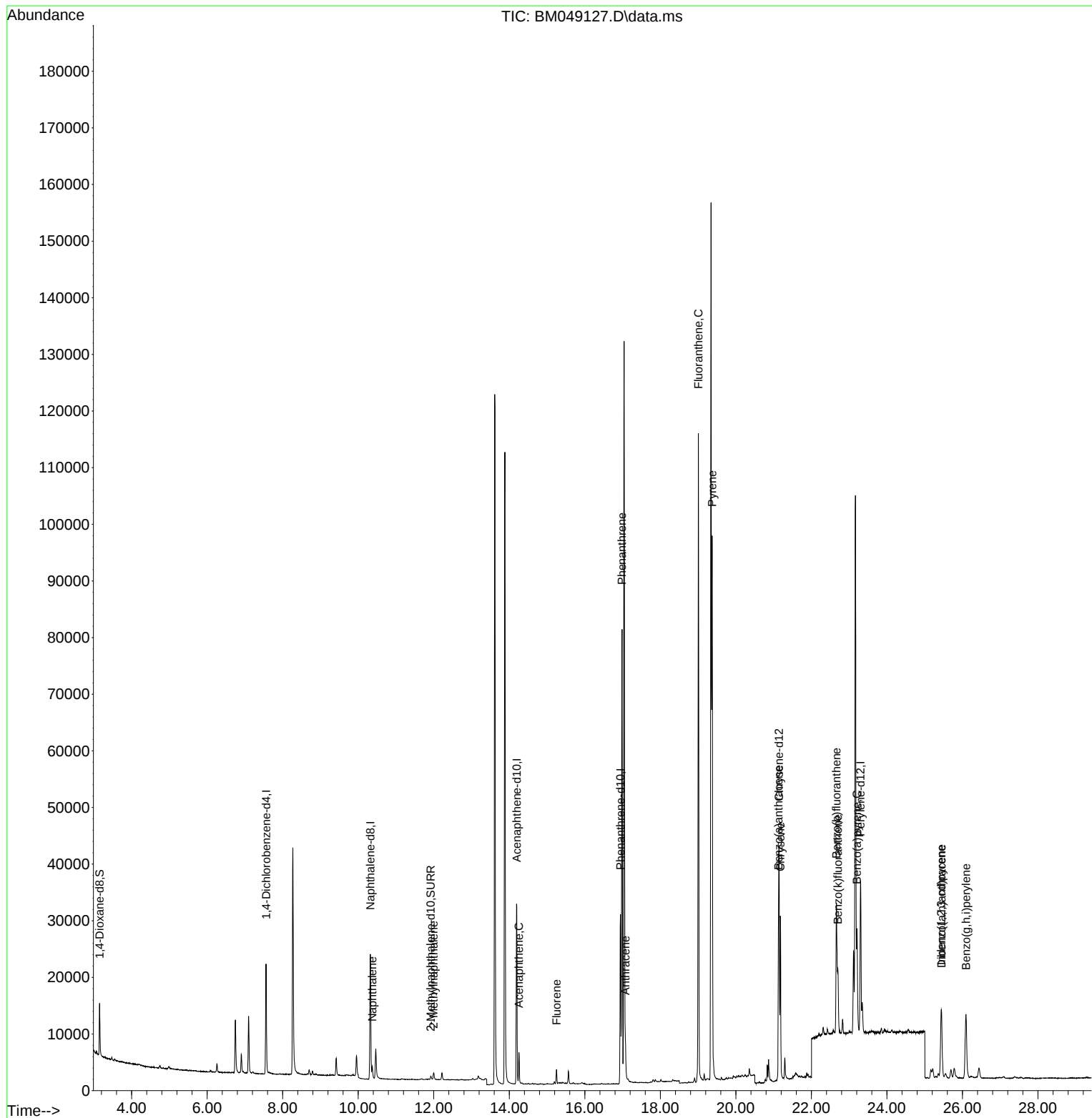
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049127.D
Acq On : 21 Dec 2024 07:50
Operator : RC/JU
Sample : P5265-08DL 5X
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ALS Vial : 28 Sample Multiplier: 1

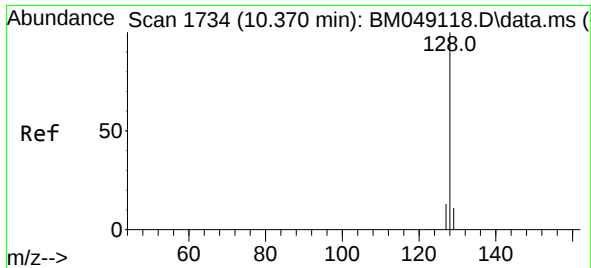
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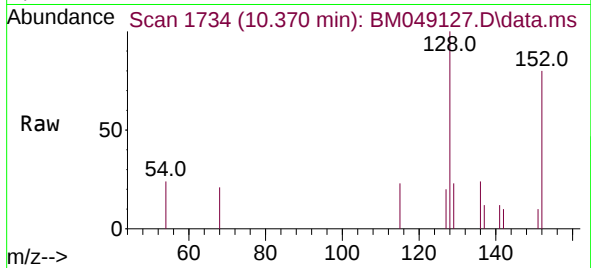
Quant Time: Dec 22 23:06:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

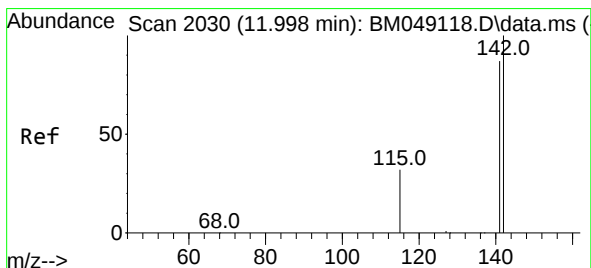
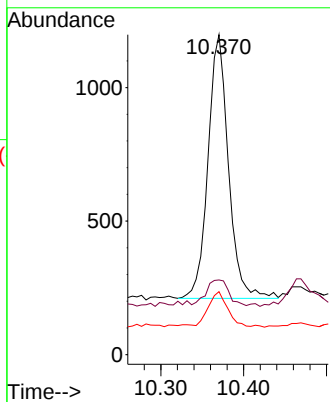
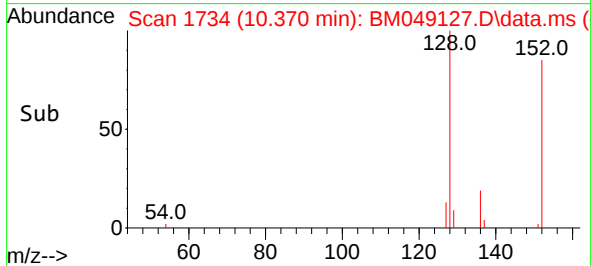
Instrument :
BNA_M
ClientSampleId :
E28Z3DL



Tgt Ion:128 Resp: 1692
Ion Ratio Lower Upper
128 100
129 23.4 9.7 14.5
127 19.7 10.6 16.0

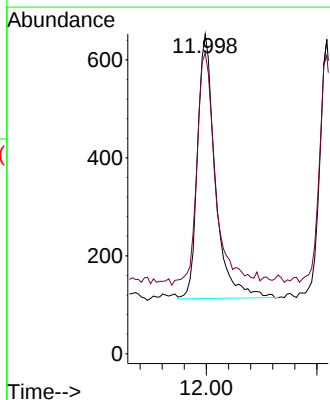
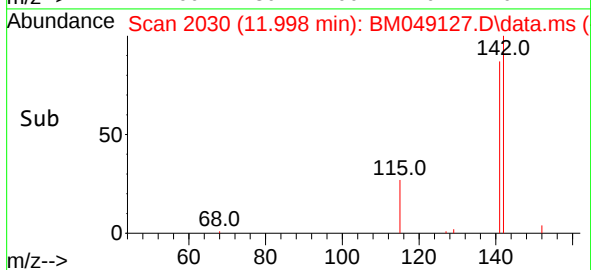
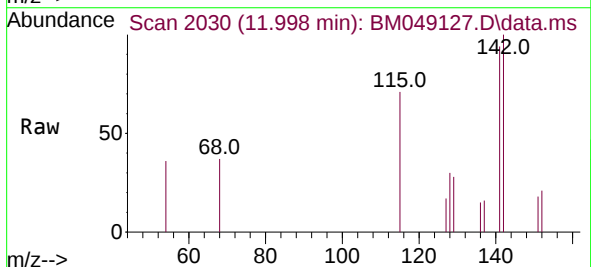
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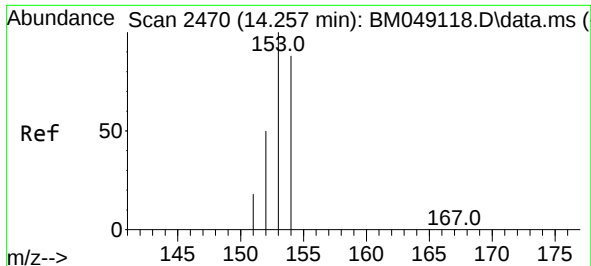
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 11.998 min Scan# 2030
Delta R.T. -0.004 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

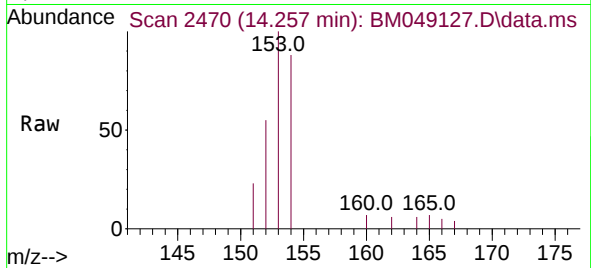
Tgt Ion:142 Resp: 1205
Ion Ratio Lower Upper
142 100
141 92.0 71.7 107.5





#11
Acenaphthene
Concen: 0.057 ng/u1
RT: 14.257 min Scan# 2470
Delta R.T. -0.008 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

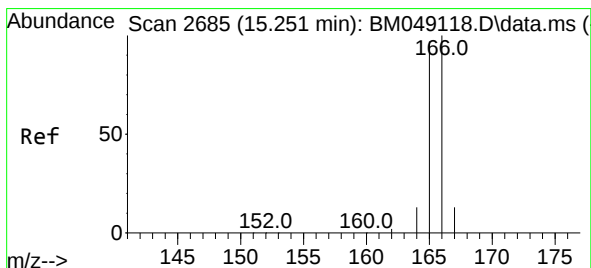
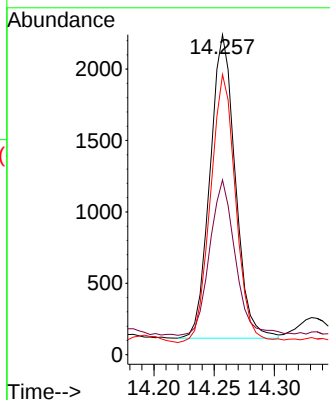
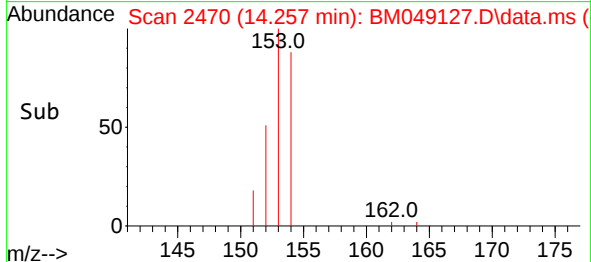
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Tgt Ion:153 Resp: 310
Ion Ratio Lower Upper
153 100
152 54.6 40.7 61.1
154 87.6 70.8 106.2

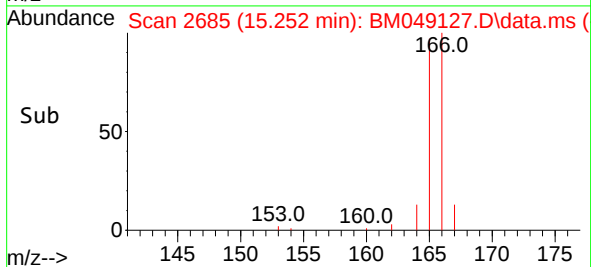
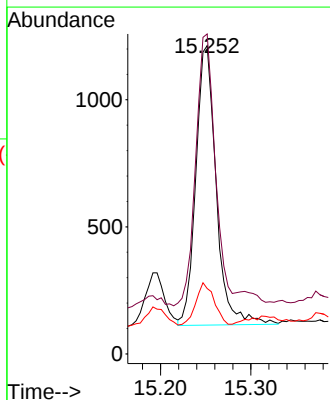
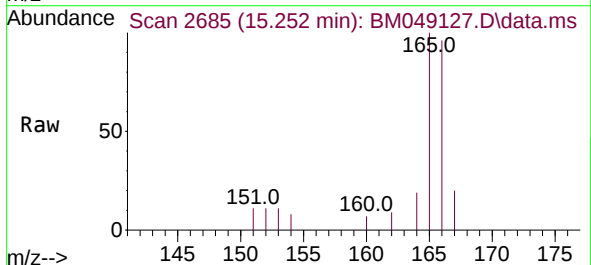
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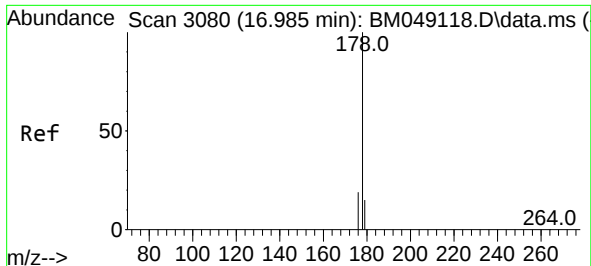
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.028 ng/u1
RT: 15.252 min Scan# 2685
Delta R.T. -0.003 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

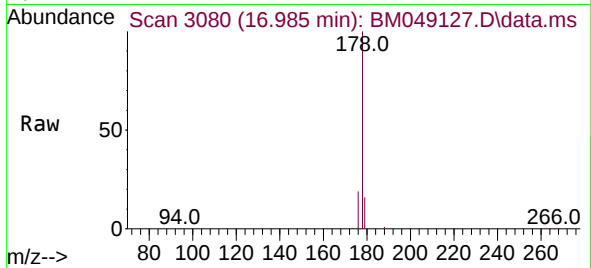
Tgt Ion:166 Resp: 1724
Ion Ratio Lower Upper
166 100
165 103.8 79.7 119.5
167 21.2 11.4 17.0#





#15
Phenanthrene
Concen: 0.877 ng/ul
RT: 16.985 min Scan# 3080
Delta R.T. -0.007 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

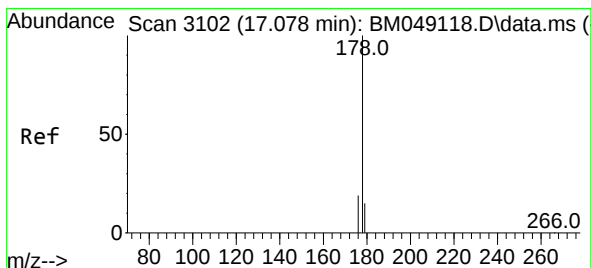
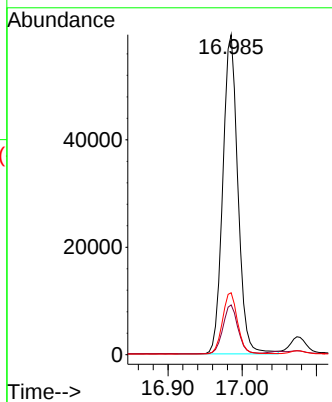
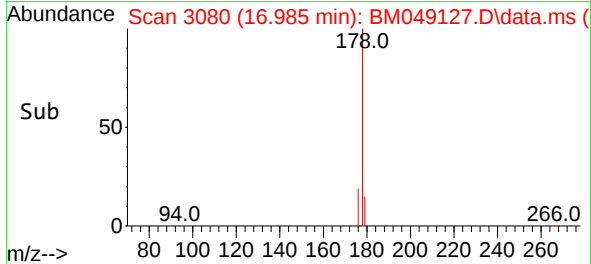
Instrument :
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ClientSampleId :
E28Z3DL



Tgt Ion:178 Resp: 83798
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.4 16.2 24.2

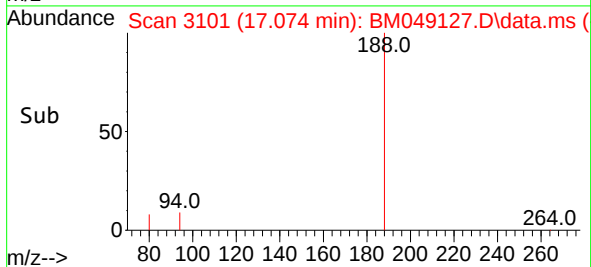
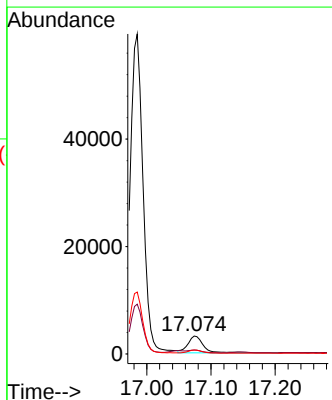
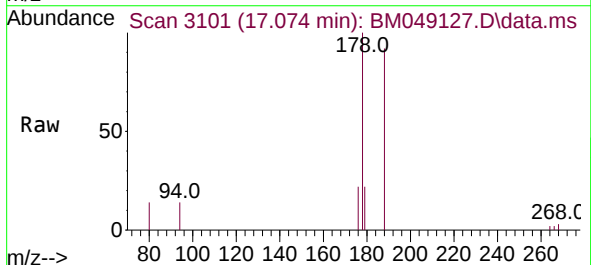
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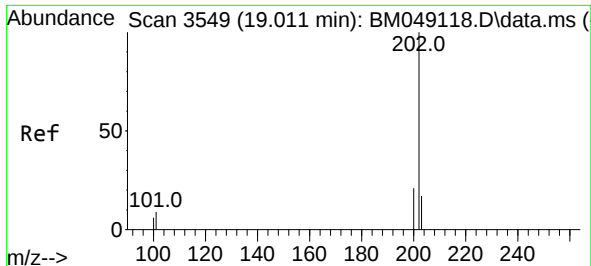
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.060 ng/ul
RT: 17.074 min Scan# 3101
Delta R.T. -0.011 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

Tgt Ion:178 Resp: 5265
Ion Ratio Lower Upper
178 100
179 21.9 12.9 19.3#
176 21.8 15.3 22.9





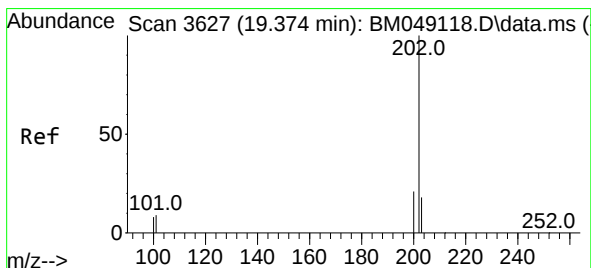
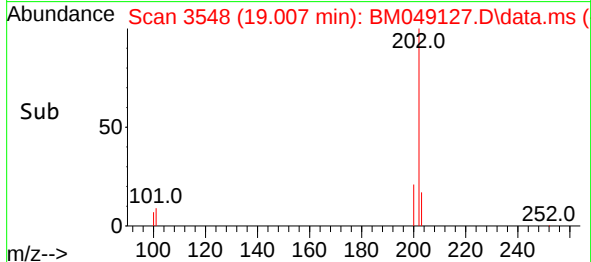
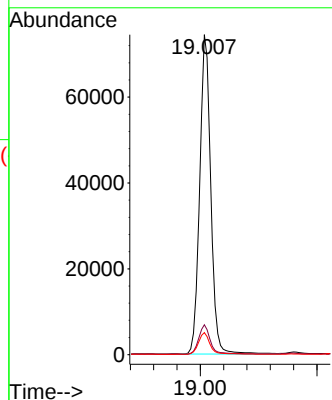
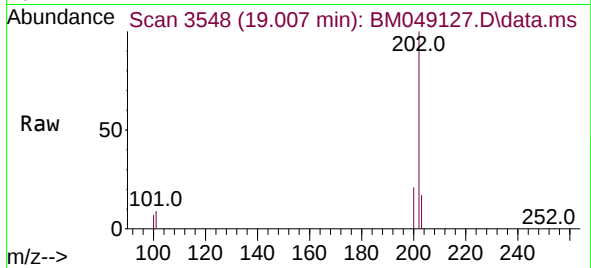
#19
Fluoranthene
Concen: 0.885 ng/u1
RT: 19.007 min Scan# 3549
Delta R.T. -0.008 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

Instrument :
BNA_M
ClientSampleId :
E28Z3DL

Tgt Ion:202 Resp: 98520
Ion Ratio Lower Upper
202 100
101 9.3 7.6 11.4
100 6.9 5.5 8.3

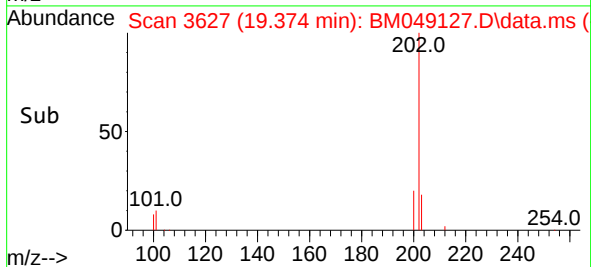
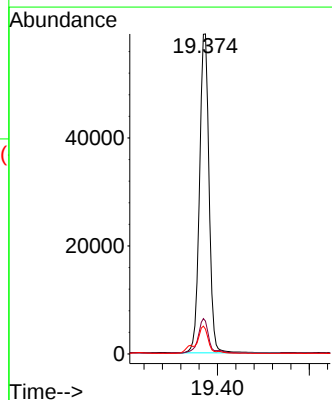
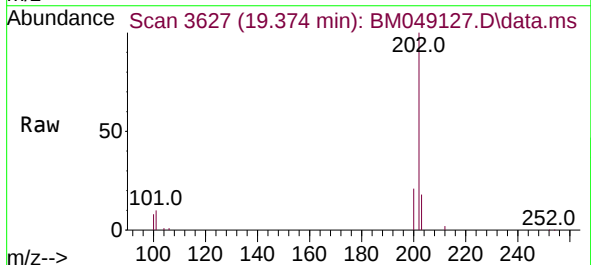
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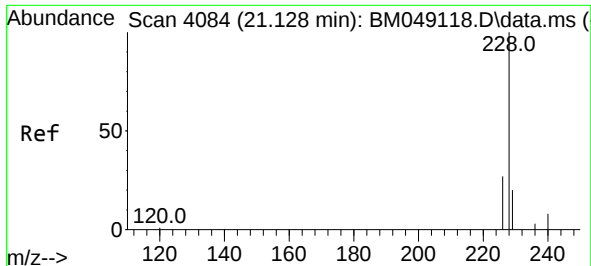
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 0.716 ng/u1
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

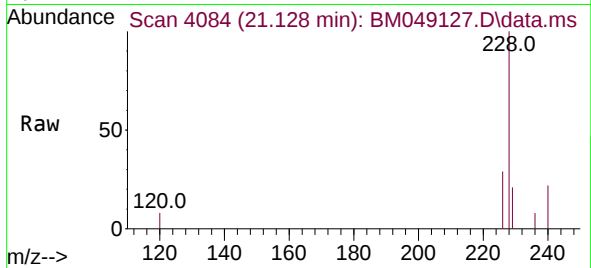
Tgt Ion:202 Resp: 85065
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 7.8 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.196 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

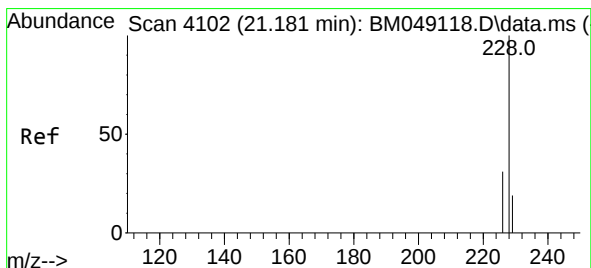
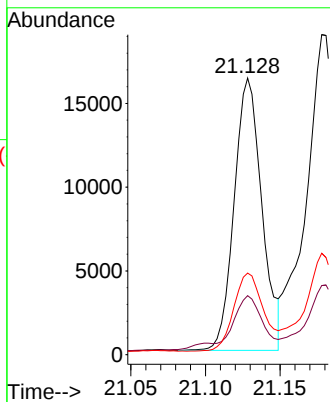
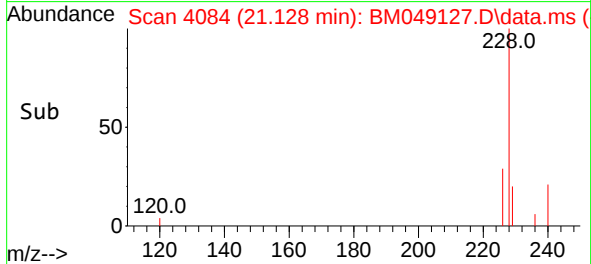
Instrument :
BNA_M
ClientSampleId :
E28Z3DL



Tgt Ion:228 Resp: 21000
Ion Ratio Lower Upper
228 100
229 21.3 15.9 23.9
226 29.5 22.6 34.0

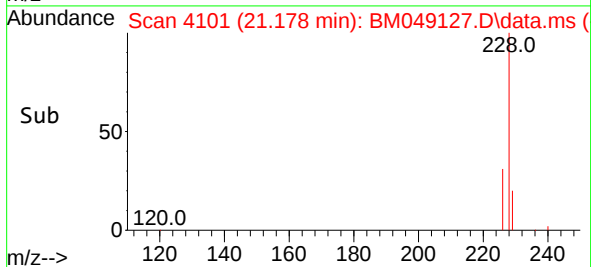
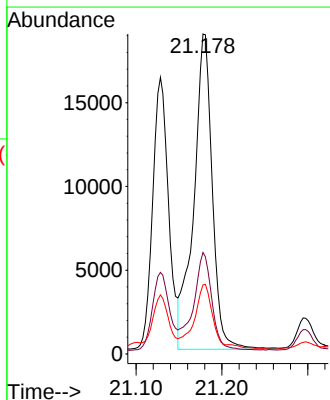
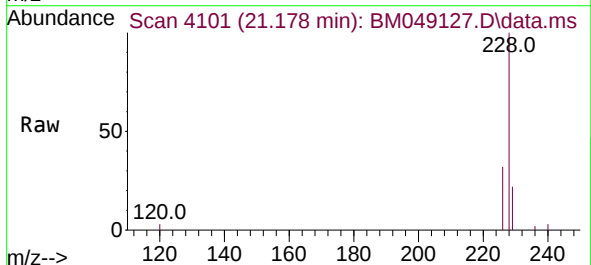
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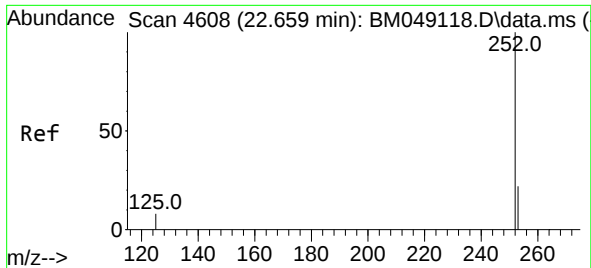
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 0.246 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

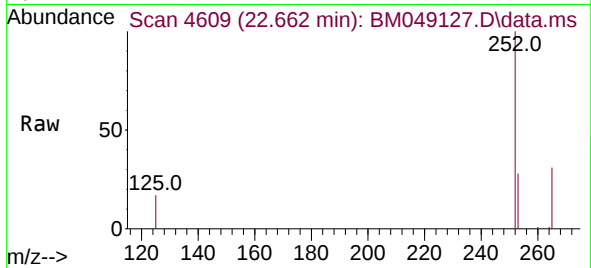
Tgt Ion:228 Resp: 28299
Ion Ratio Lower Upper
228 100
226 31.7 24.1 36.1
229 21.6 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul m
RT: 22.662 min Scan# 4609
Delta R.T. -0.000 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

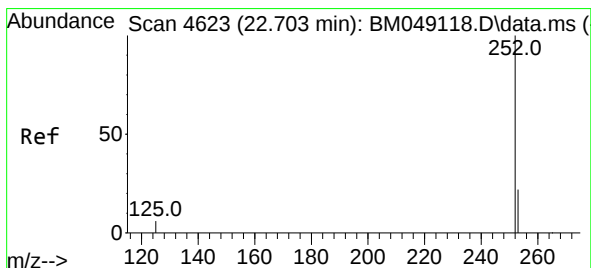
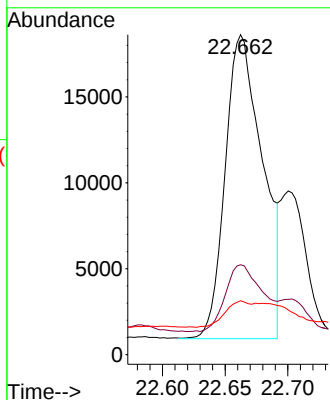
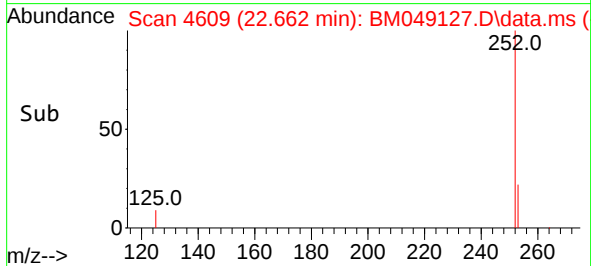
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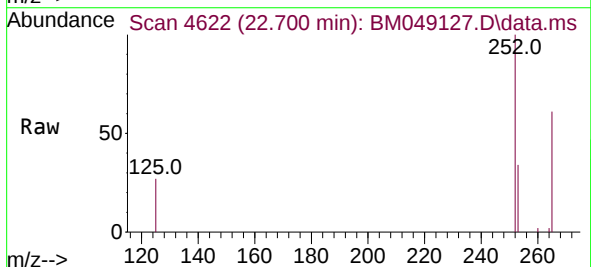
Tgt Ion:252 Resp: 3678
Ion Ratio Lower Upper
252 100
253 28.1 0.0 52.6
125 16.9 0.0 30.8

Manual Integrations
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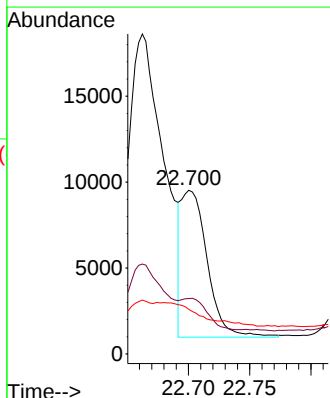
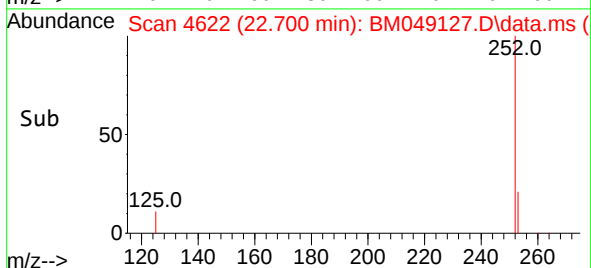
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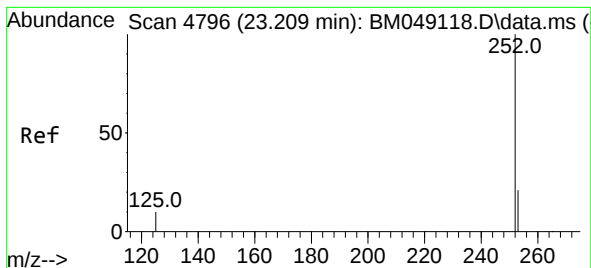


#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 22.700 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50



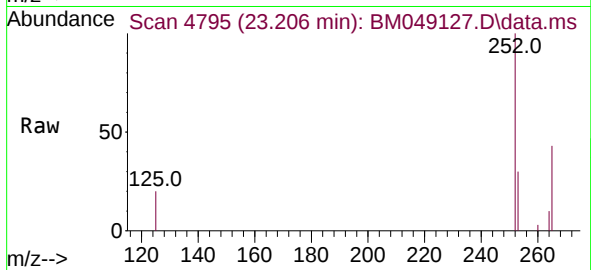
Tgt Ion:252 Resp: 12557
Ion Ratio Lower Upper
252 100
253 33.8 21.3 31.9#
125 27.2 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.227 ng/ul
RT: 23.206 min Scan# 4795
Delta R.T. -0.003 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

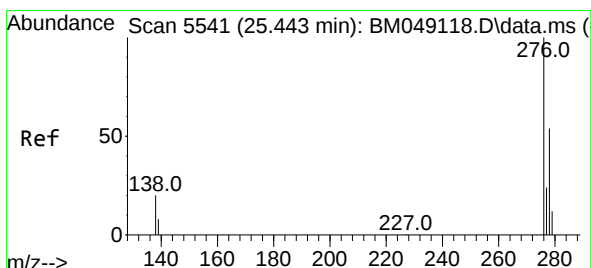
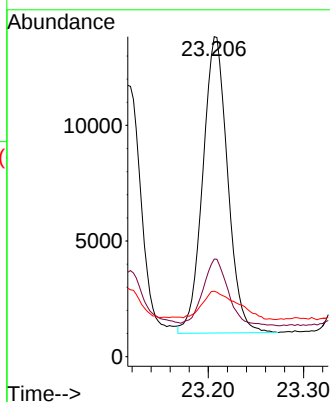
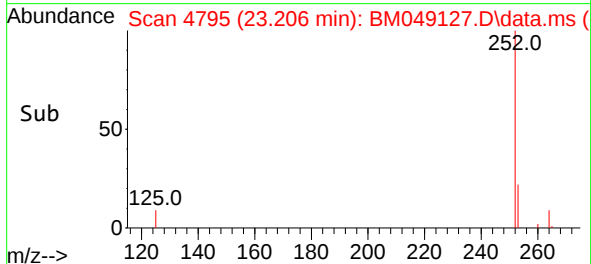
Instrument :
BNA_M
ClientSampleId :
E28Z3DL



Tgt Ion:252 Resp: 2320
Ion Ratio Lower Upper
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253 30.5 22.4 33.6
125 20.5 14.8 22.2

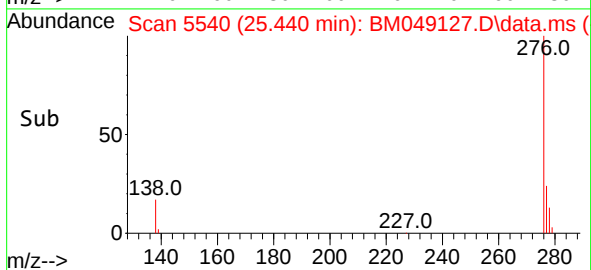
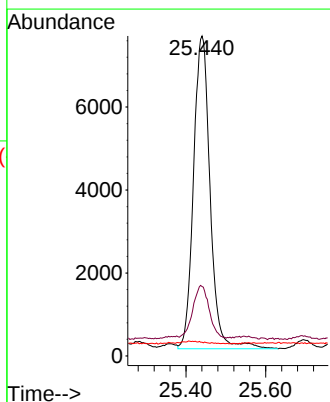
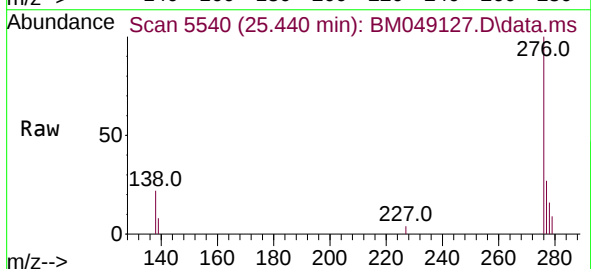
Manual Integrations
APPROVED

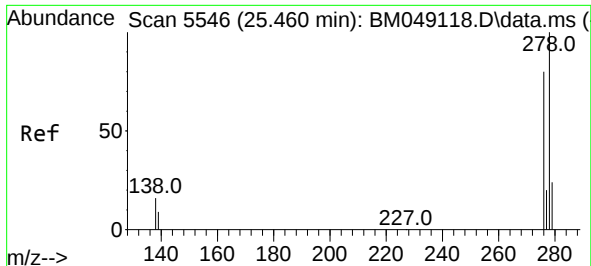
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.151 ng/ul
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

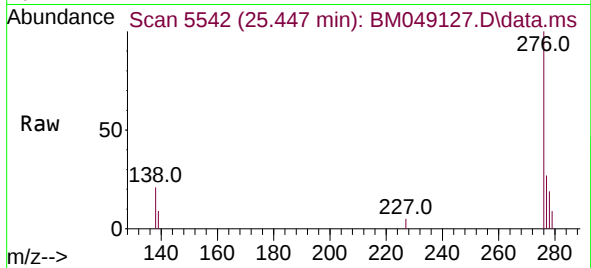
Tgt Ion:276 Resp: 21827
Ion Ratio Lower Upper
276 100
138 16.6 17.4 26.2#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.447 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50

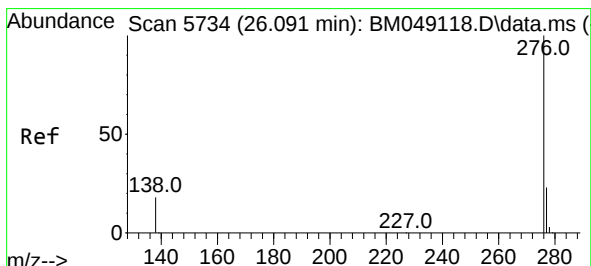
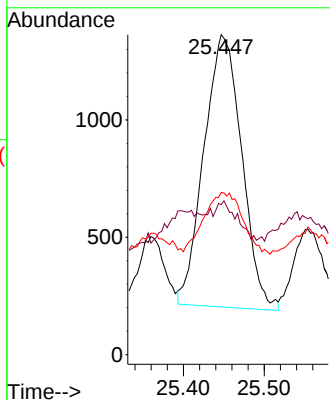
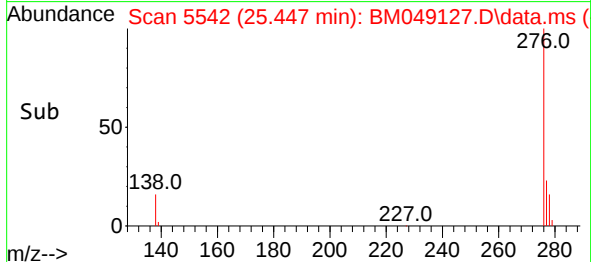
Instrument :
BNA_M
ClientSampleId :
E28Z3DL



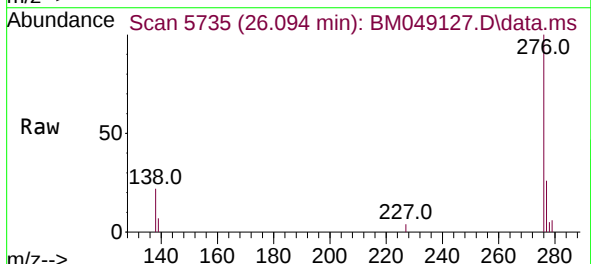
Tgt Ion:278 Resp: 3769
Ion Ratio Lower Upper
278 100
139 46.9 13.5 20.3
279 50.7 21.5 32.3

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.200 ng/ul
RT: 26.094 min Scan# 5735
Delta R.T. -0.000 min
Lab File: BM049127.D
Acq: 21 Dec 2024 07:50



Tgt Ion:276 Resp: 23232
Ion Ratio Lower Upper
276 100
138 22.1 16.7 25.1
277 26.2 19.9 29.9

