

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038234.D
 Acq On : 01 Dec 2025 20:17
 Operator : RC/JU
 Sample : Q3618-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 EME-GENERAL-FILLMS

Quant Time: Dec 02 01:17:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	426687	20.000	ng	0.00
7) Naphthalene-d8	10.562	136	1290189	20.000	ng	#-0.01
13) Acenaphthene-d10	14.430	164	668507	20.000	ng	0.00
19) Phenanthrene-d10	17.173	188	987075	20.000	ng	#-0.01
29) Chrysene-d12	21.366	240	638484	20.000	ng	# 0.00
35) Perylene-d12	23.674	264	707894	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	6973	0.350	ng	0.00
5) Phenol-d6	6.930	99	8594	0.345	ng	0.00
8) Nitrobenzene-d5	8.918	82	7038	0.341	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	12082	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1347	0.320	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	18882	0.366	ng	-0.01
27) Fluoranthene-d10	19.211	212	13298	0.311	ng	0.00
31) Terphenyl-d14	19.810	244	10006	0.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	3078	0.342	ng	# 75
3) n-Nitrosodimethylamine	3.557	42	4434	0.400	ng	# 90
6) bis(2-Chloroethyl)ether	7.183	93	9118	0.382	ng	97
9) Naphthalene	10.616	128	26113	0.364	ng	100
10) Hexachlorobutadiene	10.915	225	4464	0.366	ng	# 99
12) 2-Methylnaphthalene	12.238	142	14795	0.314	ng	99
16) Acenaphthylene	14.142	152	20534	0.343	ng	100
17) Acenaphthene	14.484	154	14433	0.346	ng	98
18) Fluorene	15.478	166	17084	0.317	ng	99
20) 4,6-Dinitro-2-methylph...	15.560	198	852	9.022	ng	# 29
21) 4-Bromophenyl-phenylether	16.367	248	4911	0.359	ng	# 78
22) Hexachlorobenzene	16.491	284	5677	0.338	ng	99
23) Atrazine	16.640	200	2999	0.343	ng	# 93
24) Pentachlorophenol	16.838	266	2369	0.514	ng	99
25) Phenanthrene	17.223	178	23430m	0.378	ng	
26) Anthracene	17.310	178	18316	0.346	ng	100
28) Fluoranthene	19.243	202	20474	0.343	ng	99
30) Pyrene	19.606	202	20859	0.327	ng	100
32) Benzo(a)anthracene	21.349	228	19800	0.458	ng	99
33) Chrysene	21.402	228	18476	0.362	ng	99
34) Bis(2-ethylhexyl)phtha...	21.286	149	11351	0.479	ng	99
36) Indeno(1,2,3-cd)pyrene	26.019	276	24968	0.381	ng	99
37) Benzo(b)fluoranthene	22.973	252	20010	0.344	ng	99
38) Benzo(k)fluoranthene	23.019	252	19631	0.325	ng	96
39) Benzo(a)pyrene	23.569	252	17215	0.353	ng	96
40) Dibenzo(a,h)anthracene	26.037	278	19064	0.384	ng	97
41) Benzo(g,h,i)perylene	26.738	276	21099	0.356	ng	99

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

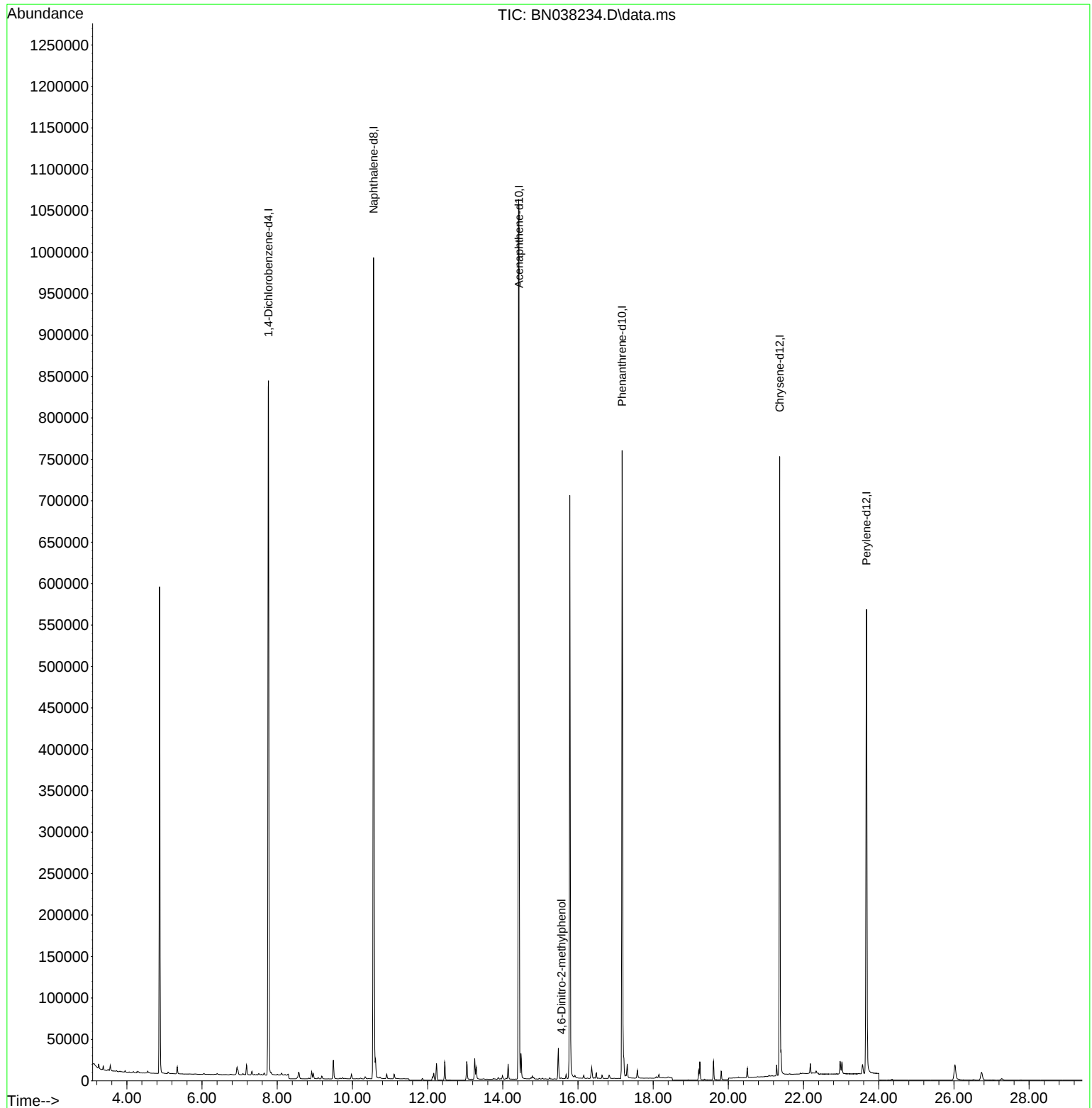
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038234.D
Acq On : 01 Dec 2025 20:17
Operator : RC/JU
Sample : Q3618-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 50

Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS

Quant Time: Dec 02 01:17:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

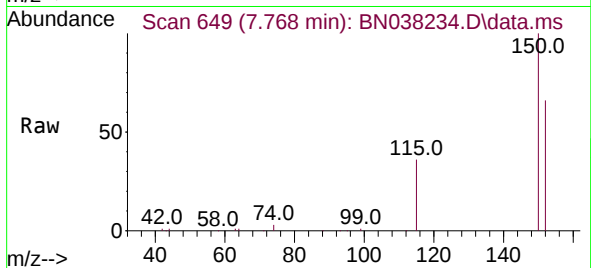
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.768 min Scan# 649
Delta R.T. -0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

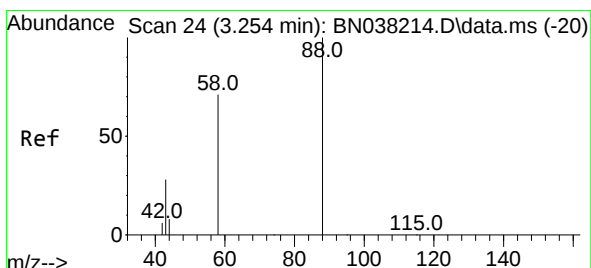
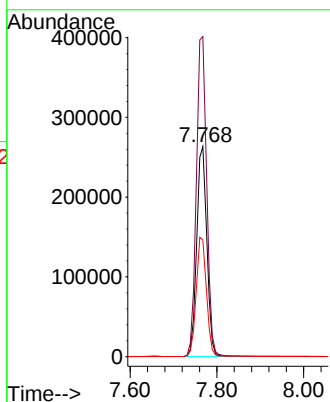
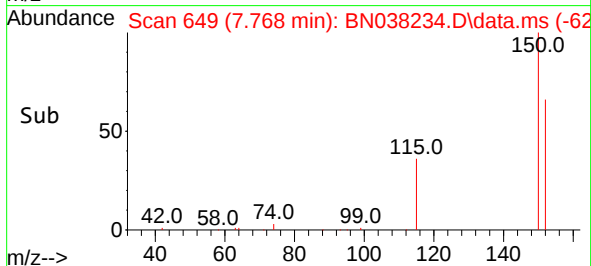
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



Tgt Ion:152 Resp: 42668
Ion Ratio Lower Upper
152 100
150 152.3 125.3 187.9
115 55.6 49.0 73.4

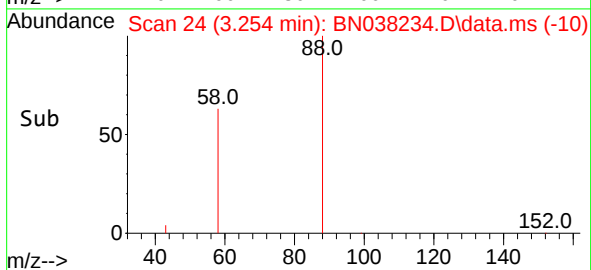
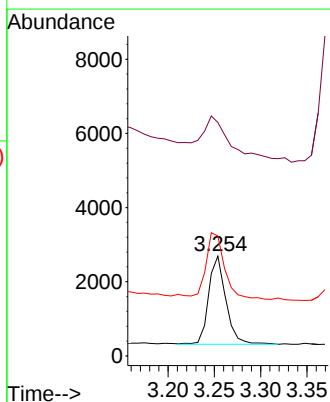
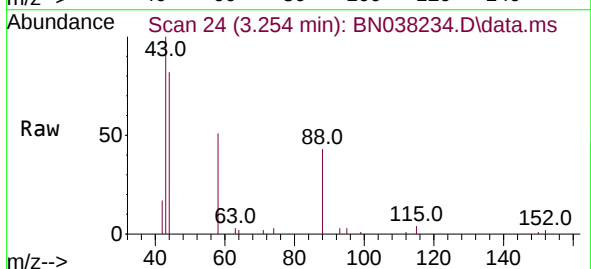
Manual Integrations
APPROVED

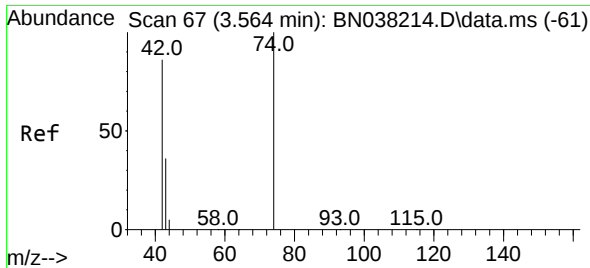
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#2
1,4-Dioxane
Concen: 0.342 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

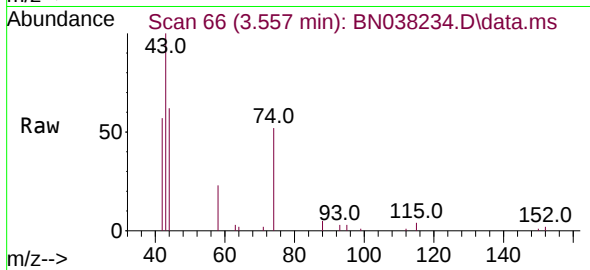
Tgt Ion: 88 Resp: 3078
Ion Ratio Lower Upper
88 100
43 71.1 24.8 37.2#
58 81.3 61.1 91.7





#3
n-Nitrosodimethylamine
Concen: 0.400 ng
RT: 3.557 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

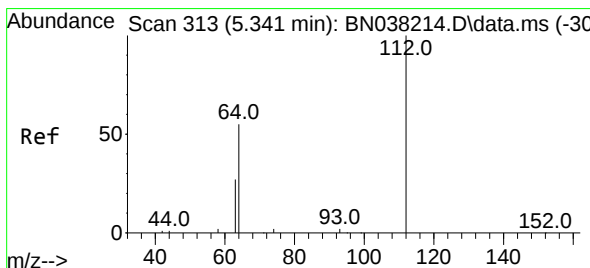
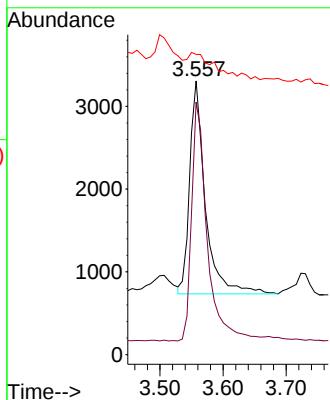
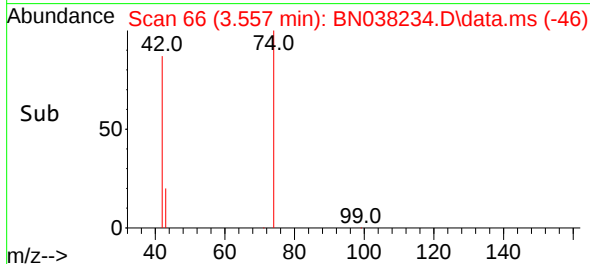
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



Tgt Ion: 42 Resp: 4434
Ion Ratio Lower Upper
42 100
74 110.8 96.2 144.2
44 19.0 8.0 12.0

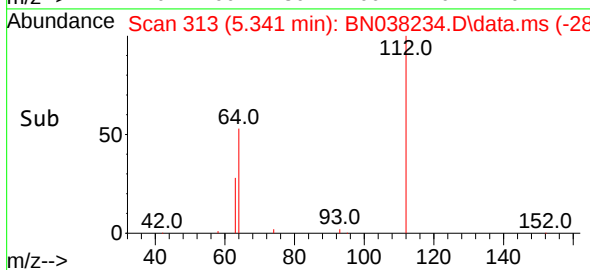
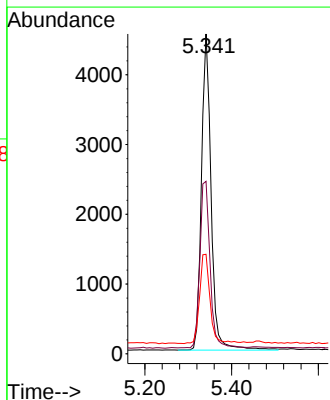
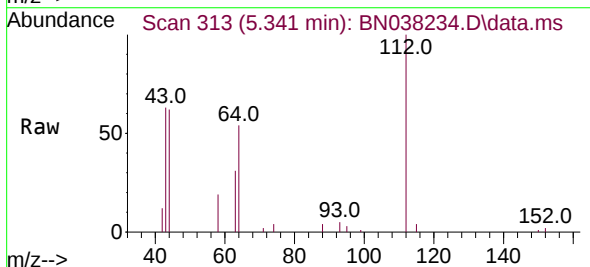
Manual Integrations
APPROVED

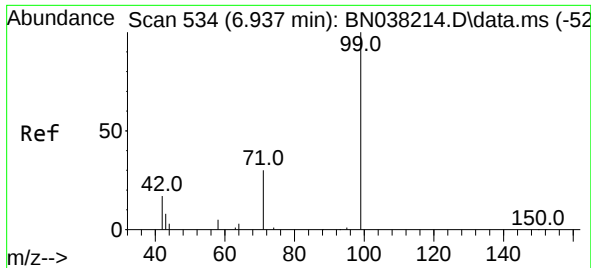
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

Tgt Ion:112 Resp: 6973
Ion Ratio Lower Upper
112 100
64 55.9 45.0 67.4
63 30.6 23.2 34.8





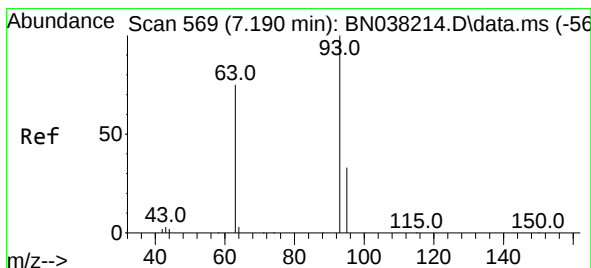
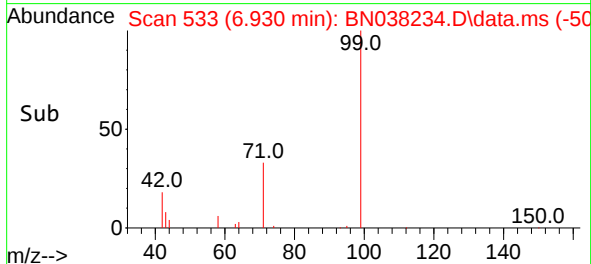
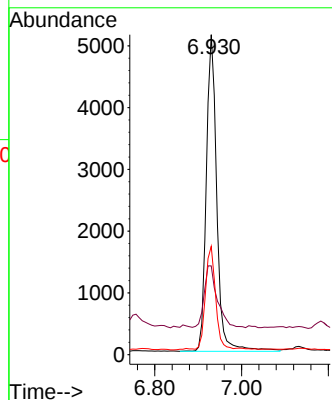
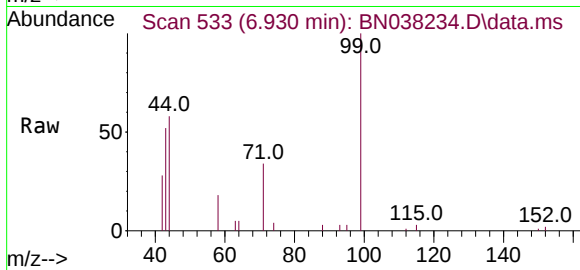
#5
Phenol-d6
Concen: 0.345 ng
RT: 6.930 min Scan# 534
Delta R.T. -0.007 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS

Tgt Ion: 99 Resp: 8594
Ion Ratio Lower Upper
99 100
42 24.5 17.0 25.6
71 30.7 25.4 38.2

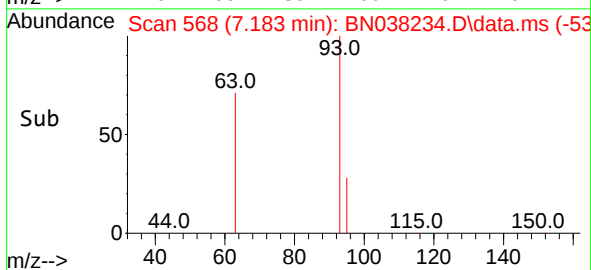
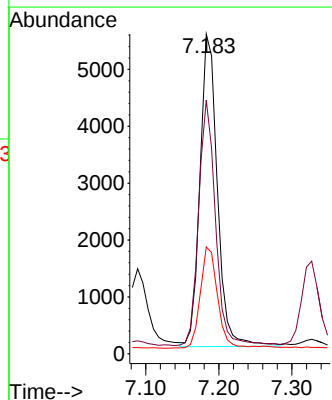
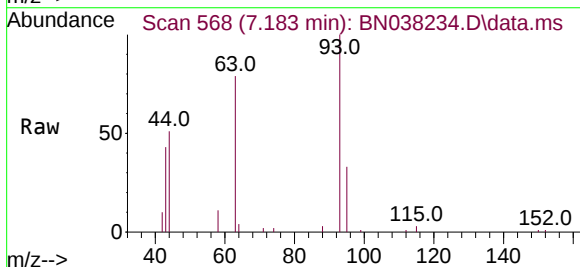
Manual Integrations
APPROVED

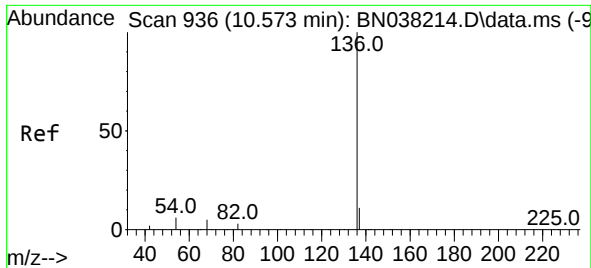
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.183 min Scan# 568
Delta R.T. -0.007 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

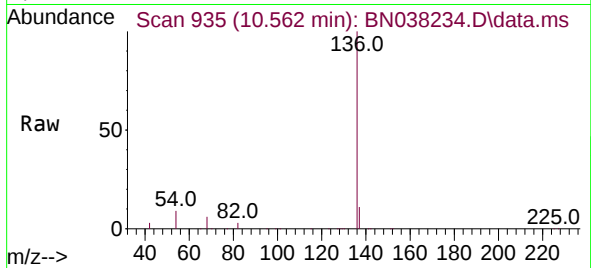
Tgt Ion: 93 Resp: 9118
Ion Ratio Lower Upper
93 100
63 76.4 58.1 87.1
95 31.8 25.1 37.7





#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.562 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

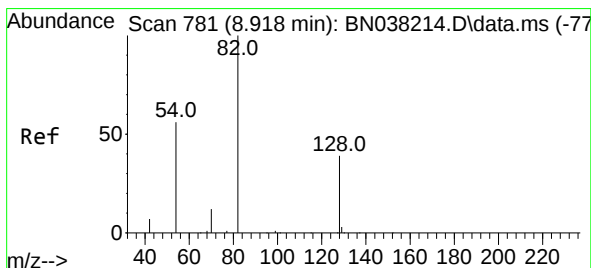
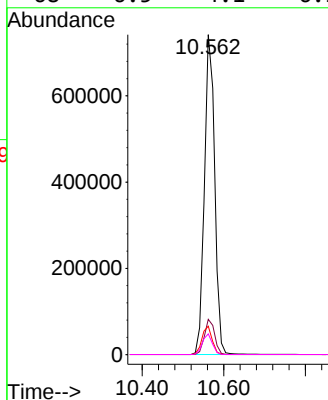
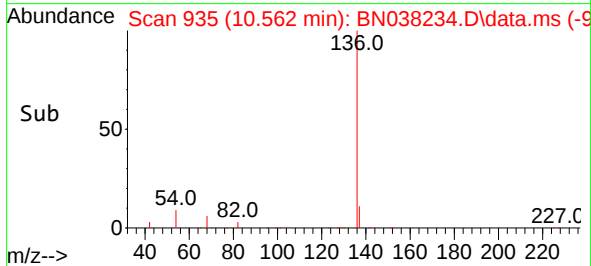
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



Tgt Ion:136 Resp: 1290189
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.9 5.4 8.0
68 6.5 4.1 6.1

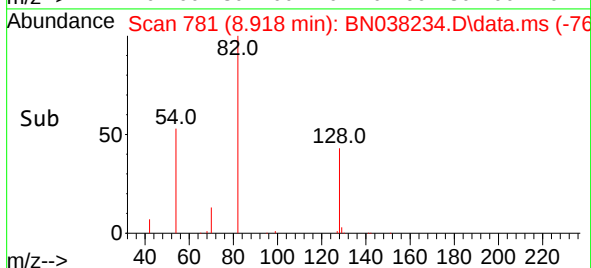
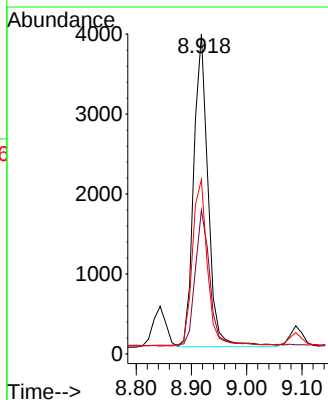
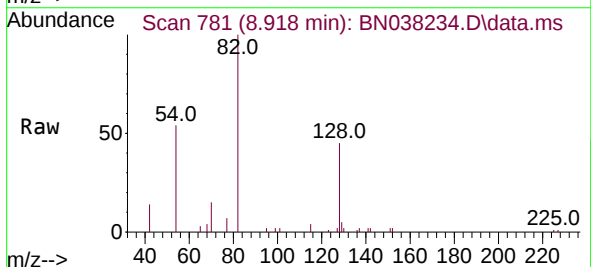
Manual Integrations
APPROVED

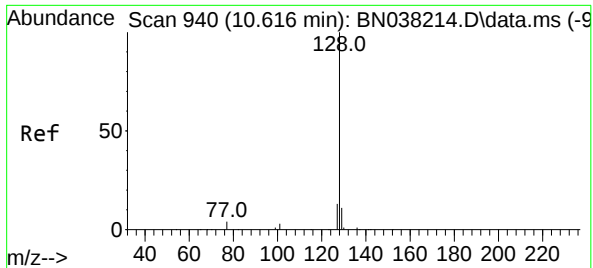
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

Tgt Ion: 82 Resp: 7038
Ion Ratio Lower Upper
82 100
128 45.0 32.6 48.8
54 54.5 45.4 68.0





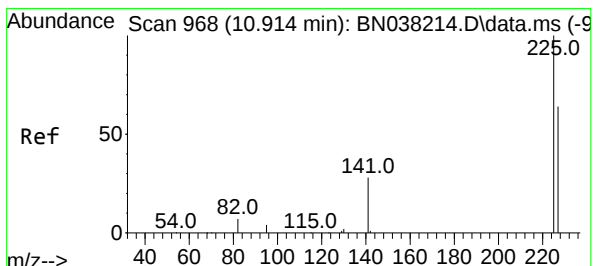
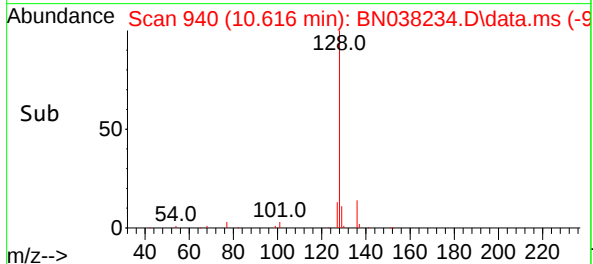
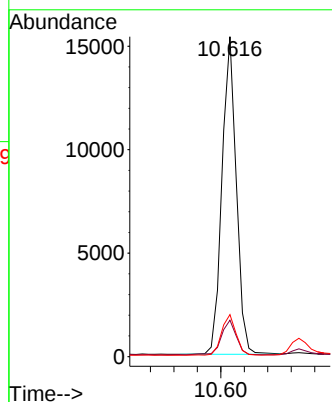
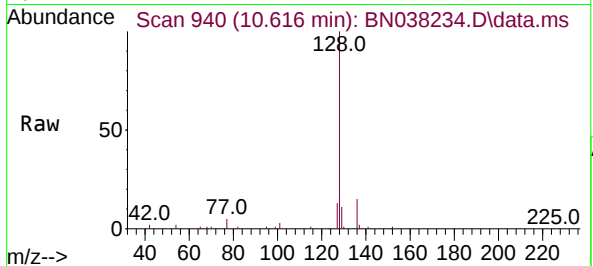
#9
Naphthalene
Concen: 0.364 ng
RT: 10.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS

Tgt Ion:128 Resp: 26113
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.1 10.6 16.0

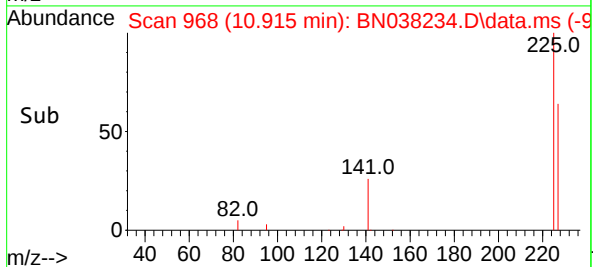
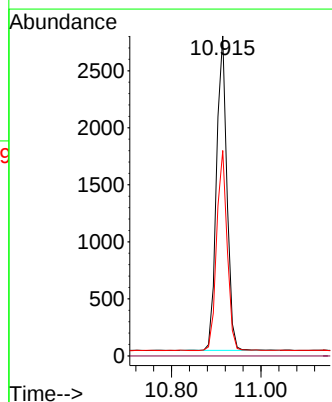
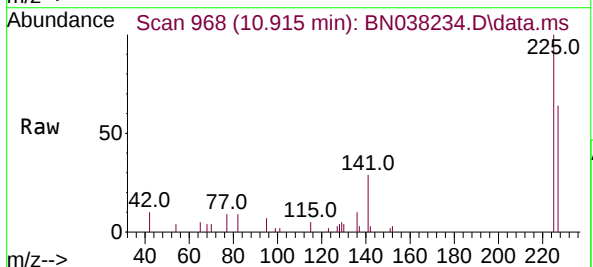
Manual Integrations
APPROVED

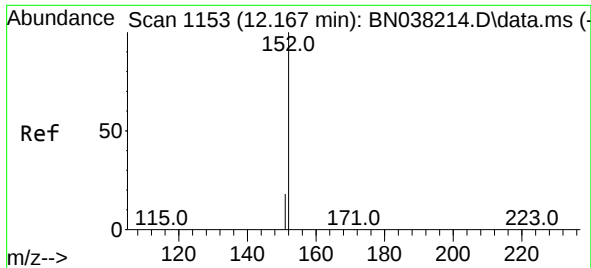
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#10
Hexachlorobutadiene
Concen: 0.366 ng
RT: 10.915 min Scan# 968
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

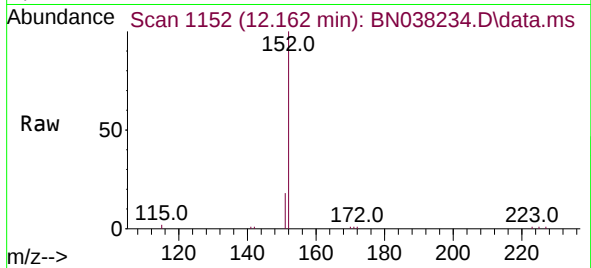
Tgt Ion:225 Resp: 4464
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.0 50.5 75.7





#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.162 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

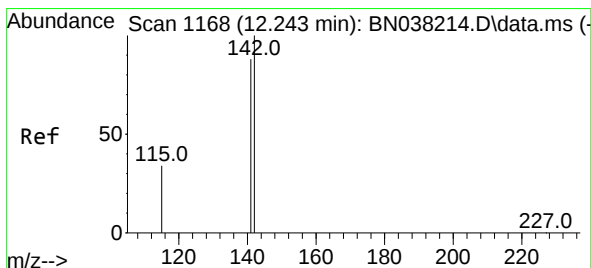
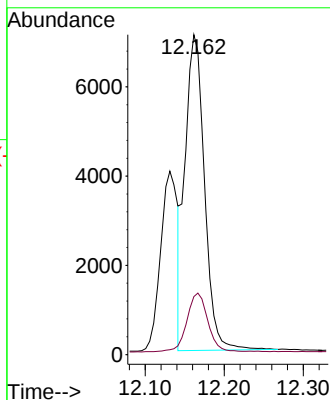
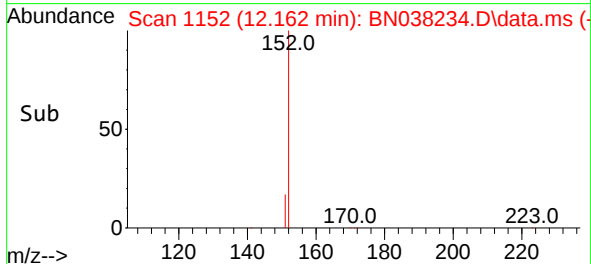
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



Tgt Ion:152 Resp: 12082
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

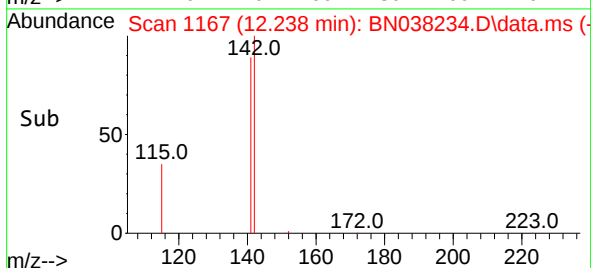
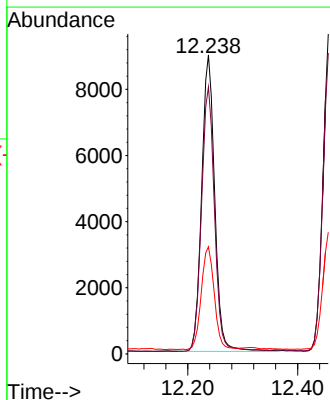
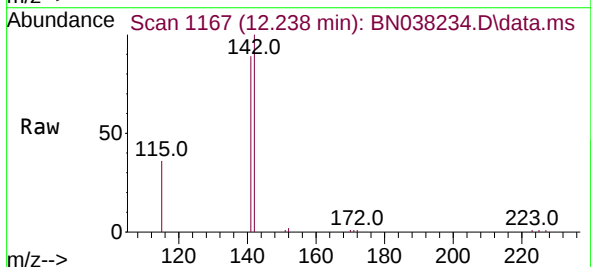
Manual Integrations
APPROVED

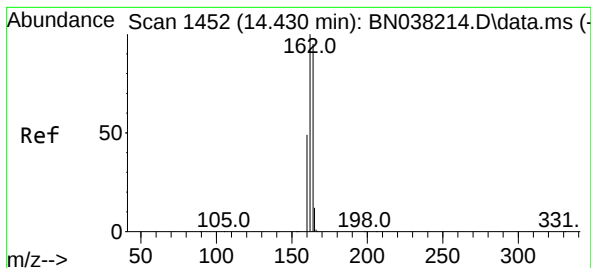
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#12
2-Methylnaphthalene
Concen: 0.314 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

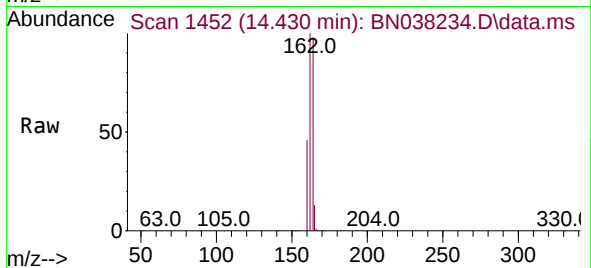
Tgt Ion:142 Resp: 14795
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3
115 35.8 27.7 41.5





#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

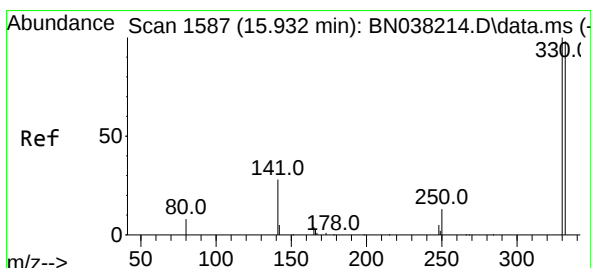
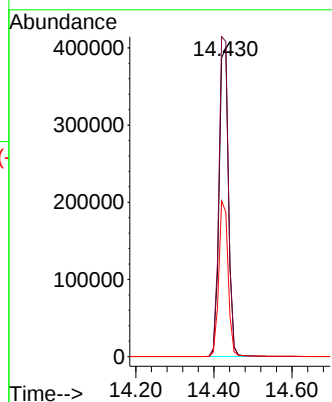
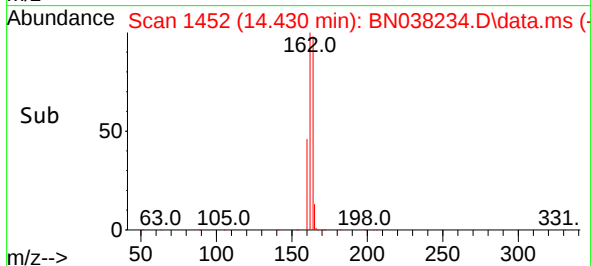
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



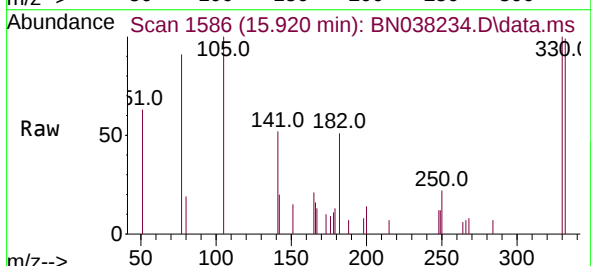
Tgt Ion:164 Resp: 668507
Ion Ratio Lower Upper
164 100
162 102.2 83.8 125.8
160 46.9 41.6 62.4

Manual Integrations
APPROVED

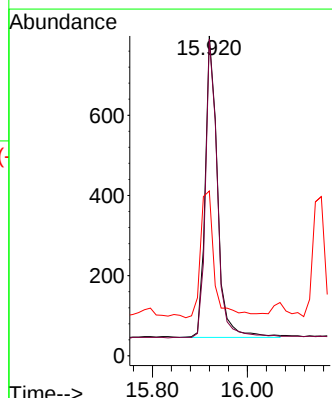
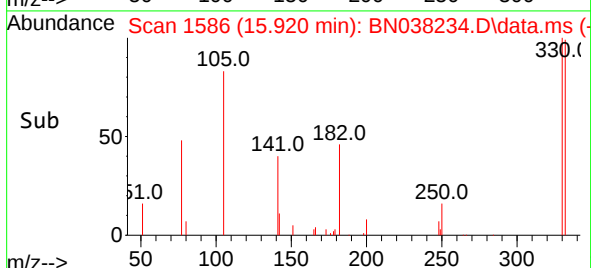
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

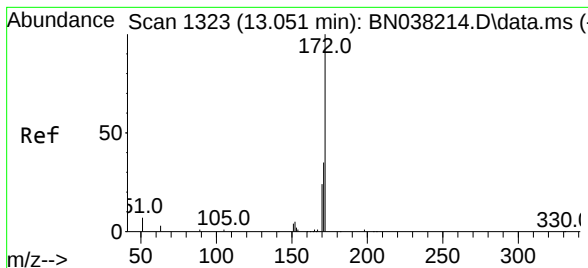


#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17



Tgt Ion:330 Resp: 1347
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.6
141 47.9 33.0 49.4





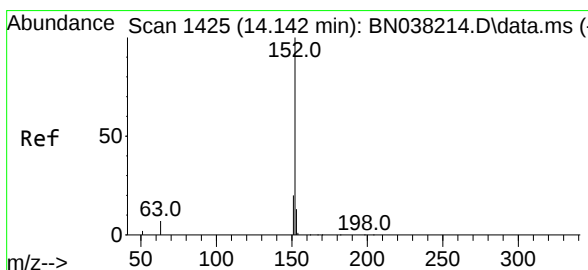
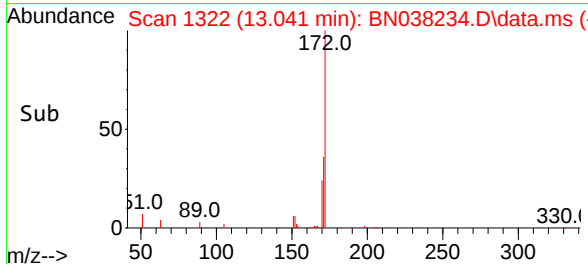
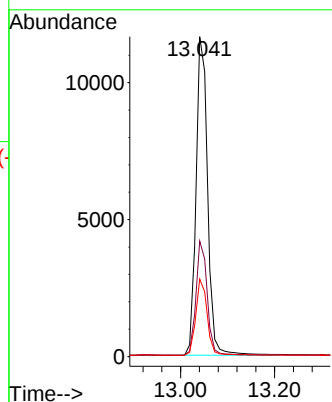
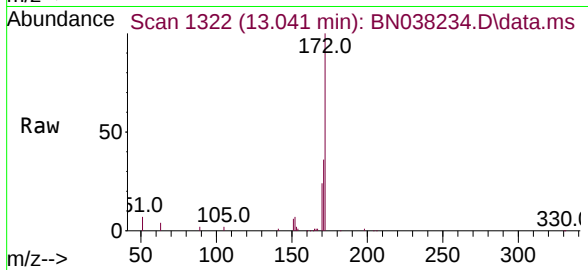
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.041 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS

Tgt Ion:172 Resp: 18882
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 24.2 19.1 28.7

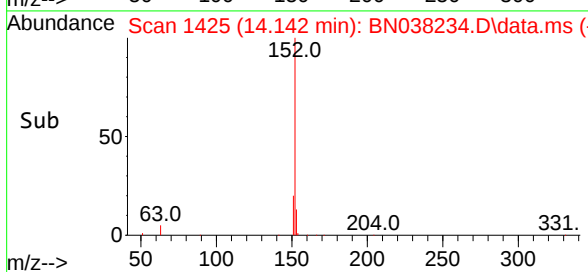
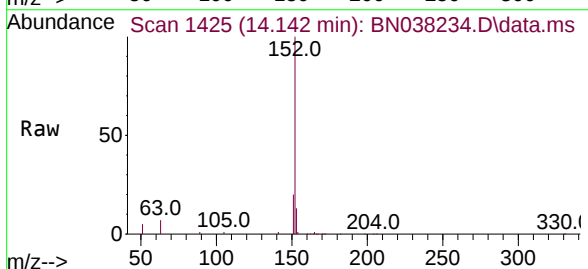
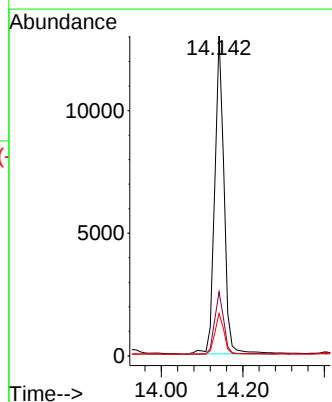
Manual Integrations
APPROVED

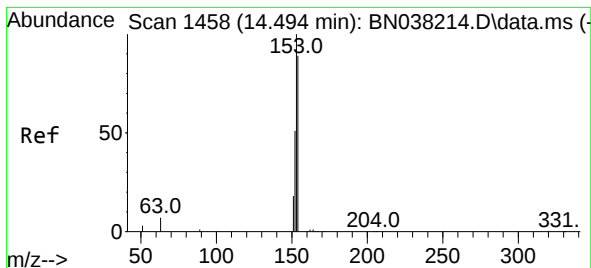
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.142 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

Tgt Ion:152 Resp: 20534
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 12.8 10.6 15.8





#17

Acenaphthene

Concen: 0.346 ng

RT: 14.484 min Scan# 1458

Delta R.T. -0.011 min

Lab File: BN038234.D

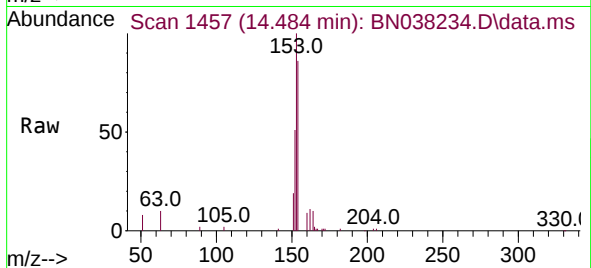
Acq: 01 Dec 2025 20:17

Instrument :

BNA_N

ClientSampleId :

EME-GENERAL-FILLMS



Tgt Ion:154 Resp: 1443

Ion Ratio Lower Upper

154 100

153 111.7 91.1 136.7

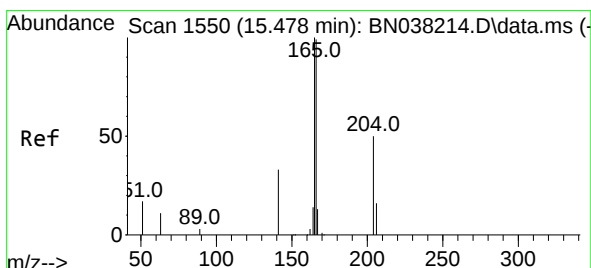
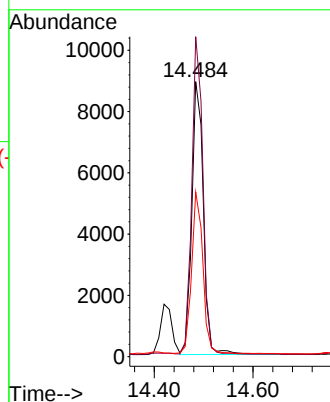
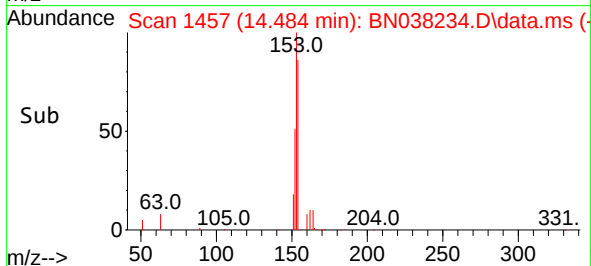
152 58.1 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#18

Fluorene

Concen: 0.317 ng

RT: 15.478 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BN038234.D

Acq: 01 Dec 2025 20:17

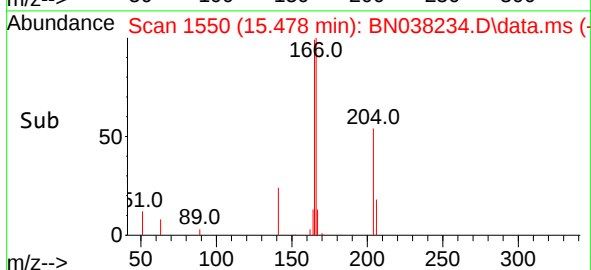
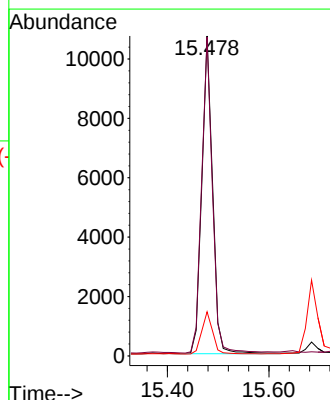
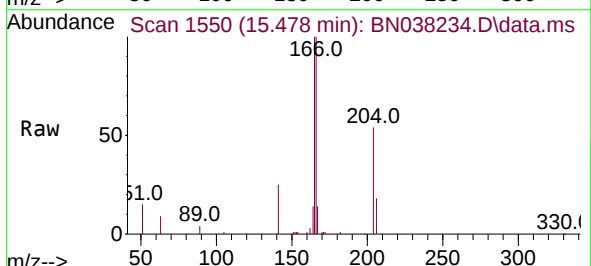
Tgt Ion:166 Resp: 17084

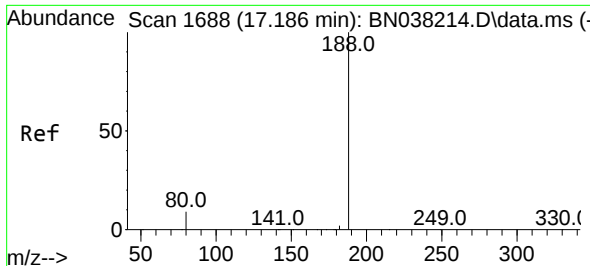
Ion Ratio Lower Upper

166 100

165 99.7 78.7 118.1

167 13.4 10.9 16.3





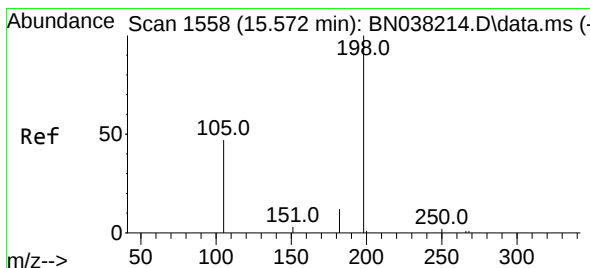
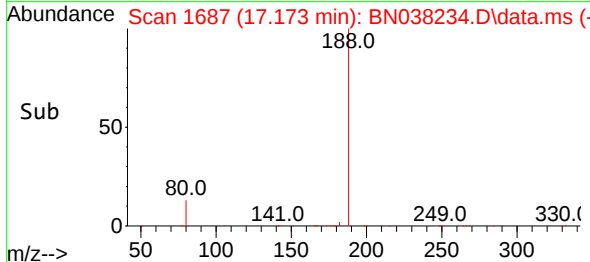
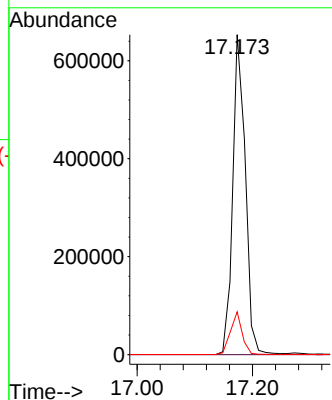
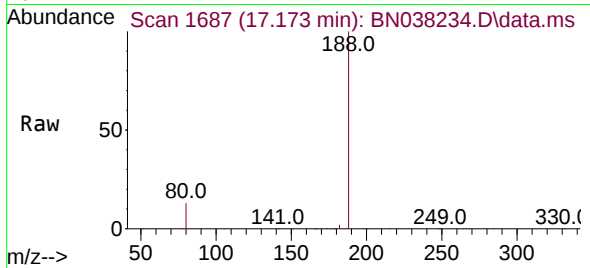
#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.173 min Scan# 1688
Delta R.T. -0.012 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS

Tgt Ion:188 Resp: 987075
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 7.7 11.5

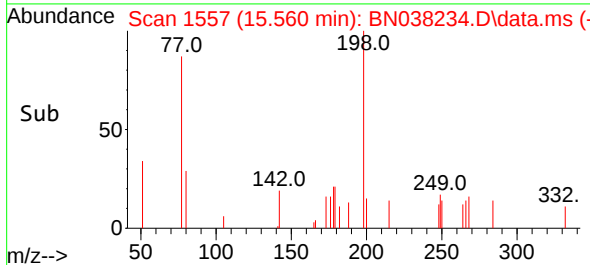
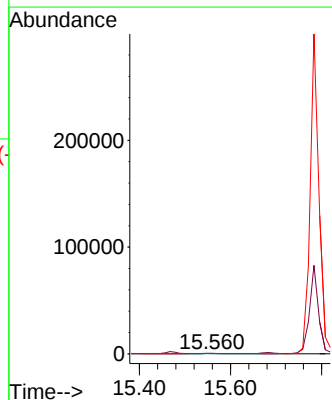
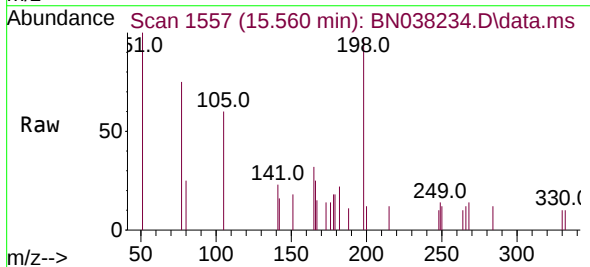
Manual Integrations
APPROVED

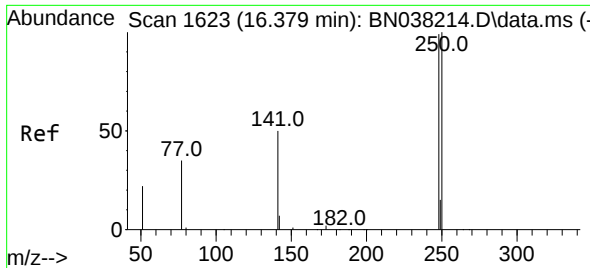
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#20
4,6-Dinitro-2-methylphenol
Concen: 9.022 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

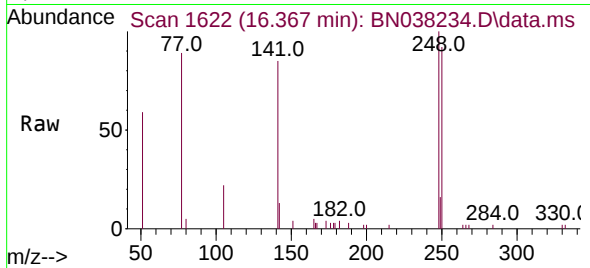
Tgt Ion:198 Resp: 852
Ion Ratio Lower Upper
198 100
51 103.3 205.1 307.7#
105 61.6 61.6 92.4#





#21
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.367 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

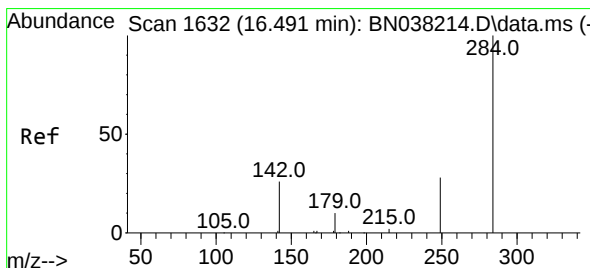
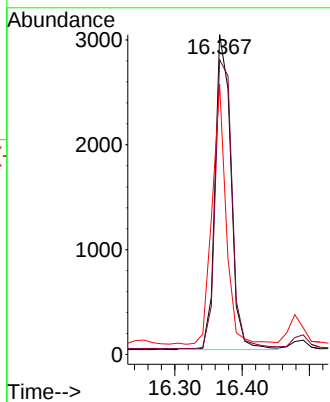
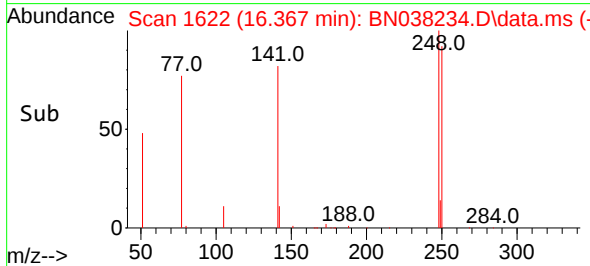
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



Tgt Ion:248 Resp: 4911
Ion Ratio Lower Upper
248 100
250 92.1 80.8 121.2
141 84.5 41.0 61.6

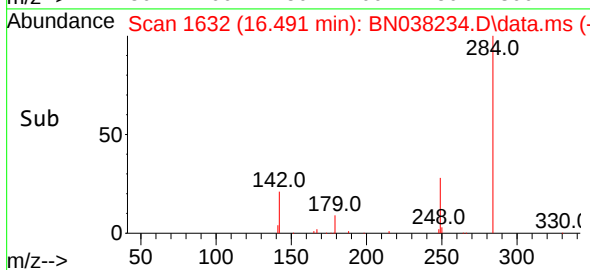
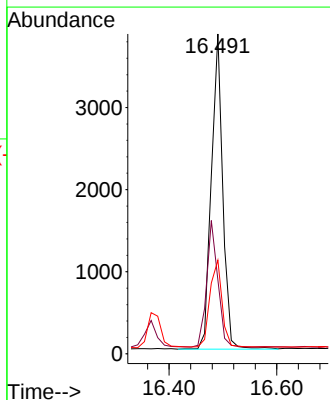
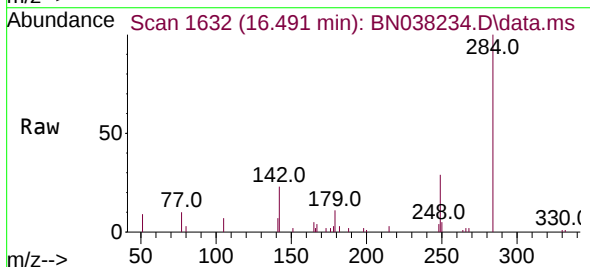
Manual Integrations
APPROVED

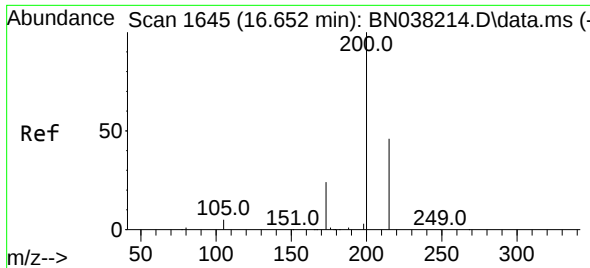
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#22
Hexachlorobenzene
Concen: 0.338 ng
RT: 16.491 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

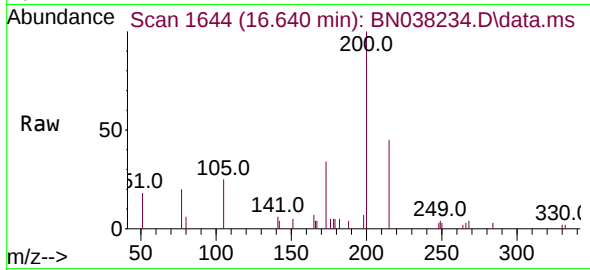
Tgt Ion:284 Resp: 5677
Ion Ratio Lower Upper
284 100
142 39.6 30.5 45.7
249 29.8 23.8 35.8





#23
 Atrazine
 Concen: 0.343 ng
 RT: 16.640 min Scan# 1644
 Delta R.T. -0.012 min
 Lab File: BN038234.D
 Acq: 01 Dec 2025 20:17

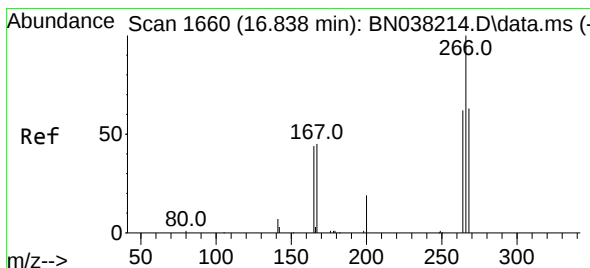
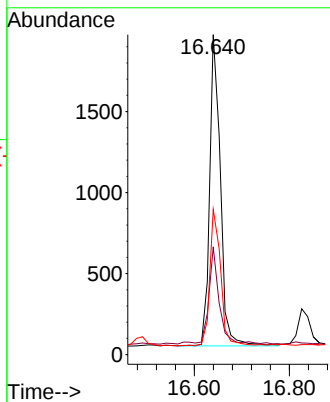
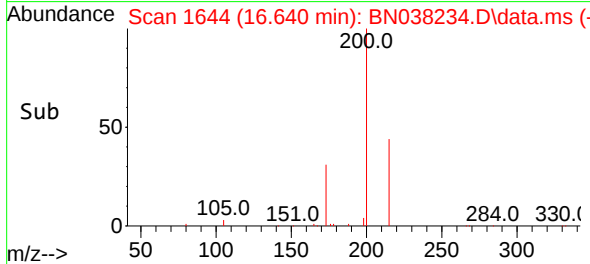
Instrument :
 BNA_N
 ClientSampleId :
 EME-GENERAL-FILLMS



Tgt Ion:200 Resp: 2999
 Ion Ratio Lower Upper
 200 100
 173 33.7 21.0 31.6
 215 45.4 37.8 56.8

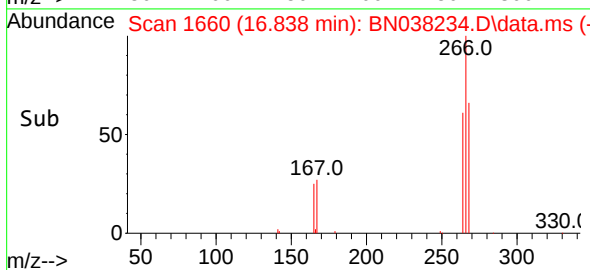
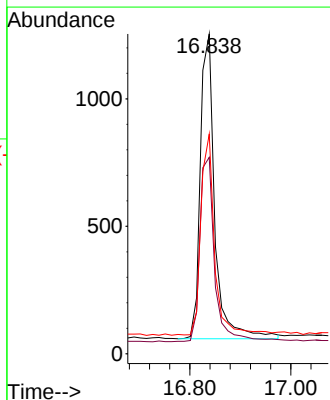
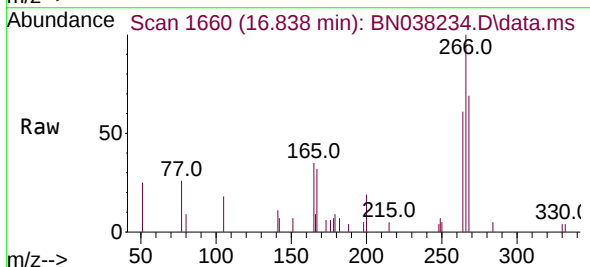
Manual Integrations
 APPROVED

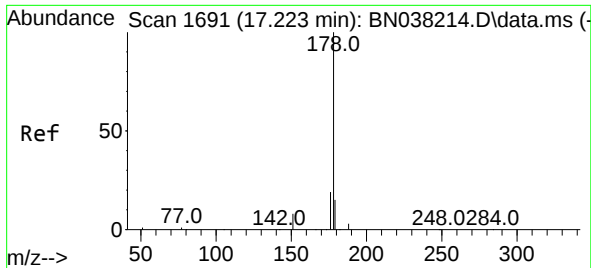
Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#24
 Pentachlorophenol
 Concen: 0.514 ng
 RT: 16.838 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: BN038234.D
 Acq: 01 Dec 2025 20:17

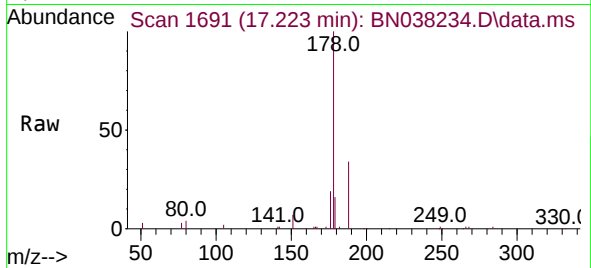
Tgt Ion:266 Resp: 2369
 Ion Ratio Lower Upper
 266 100
 264 61.9 48.9 73.3
 268 62.4 50.2 75.2





#25
Phenanthrene
Concen: 0.378 ng m
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

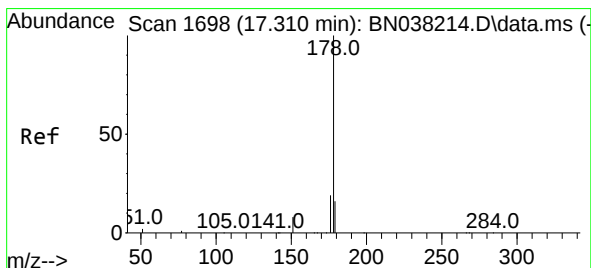
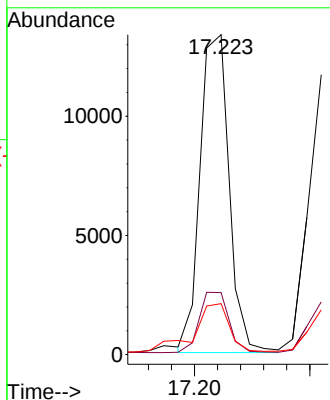
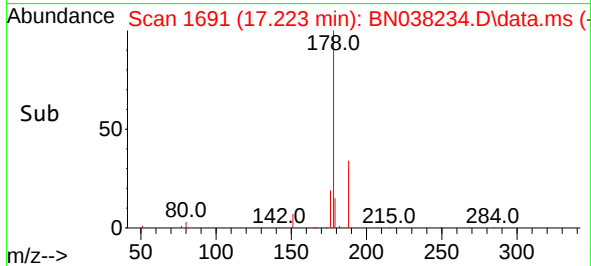
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



Tgt Ion:178 Resp: 23430
Ion Ratio Lower Upper
178 100
176 14.0 15.3 22.9
179 11.5 12.0 18.0

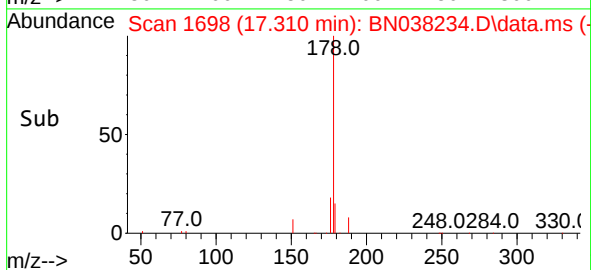
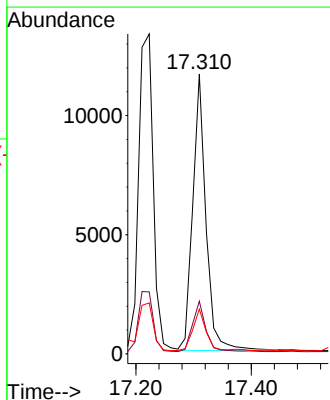
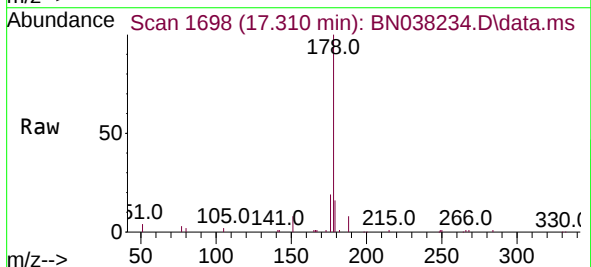
Manual Integrations
APPROVED

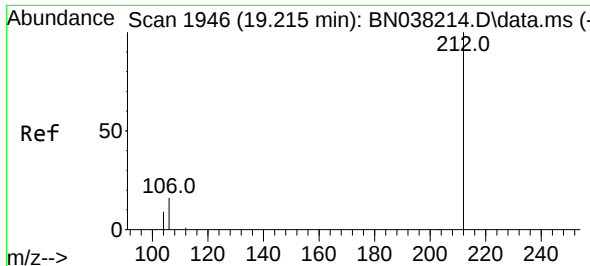
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#26
Anthracene
Concen: 0.346 ng
RT: 17.310 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

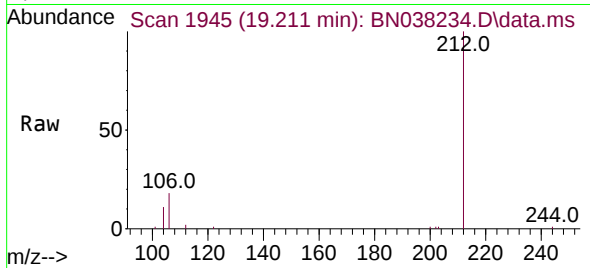
Tgt Ion:178 Resp: 18316
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.5 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

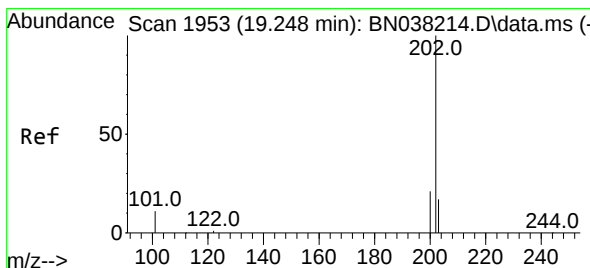
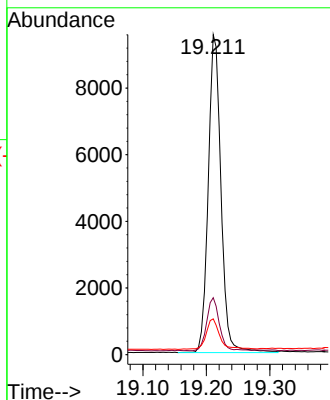
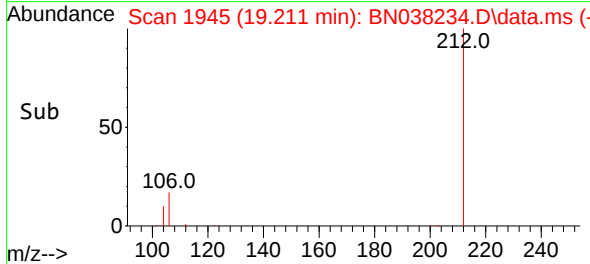
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



Tgt Ion:212 Resp: 13298
Ion Ratio Lower Upper
212 100
106 16.5 12.7 19.1
104 10.2 7.3 10.9

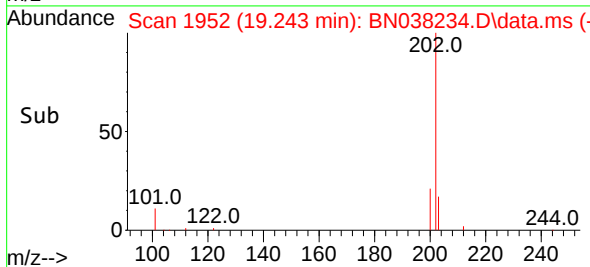
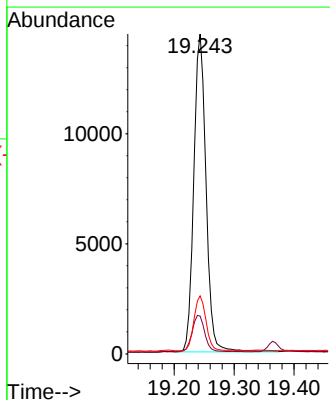
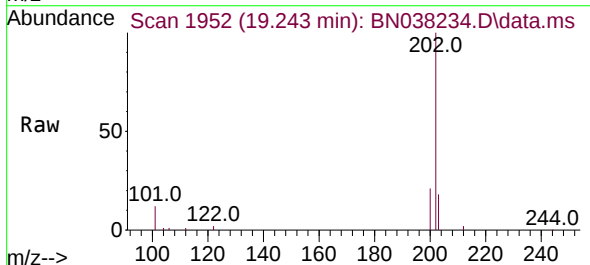
Manual Integrations
APPROVED

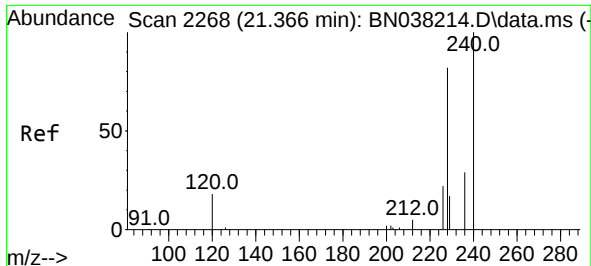
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#28
Fluoranthene
Concen: 0.343 ng
RT: 19.243 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

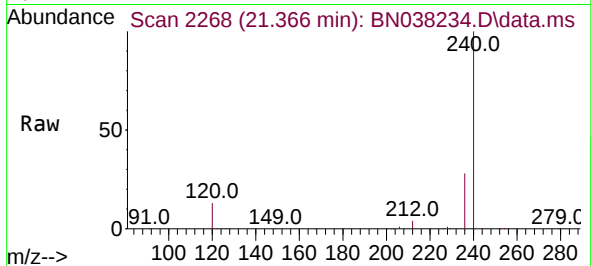
Tgt Ion:202 Resp: 20474
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.6
203 17.1 13.6 20.4





#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.366 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

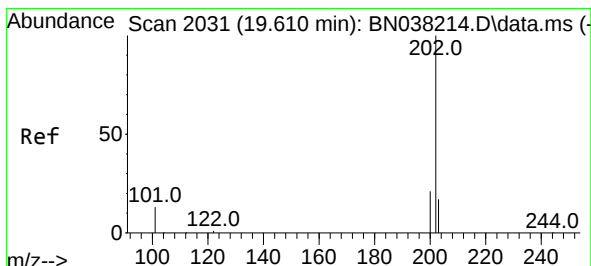
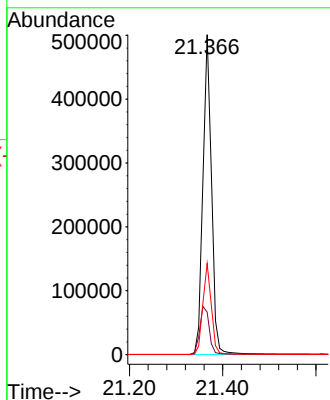
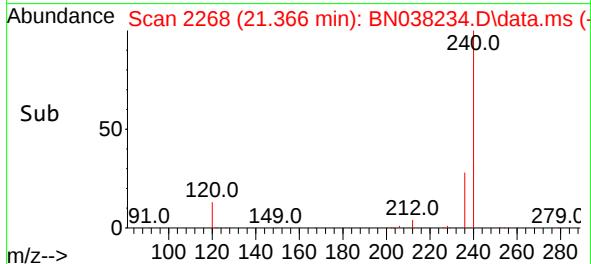
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



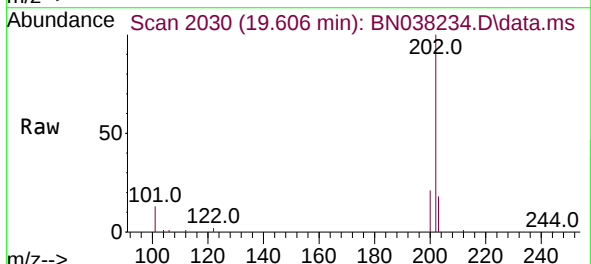
Tgt Ion:240 Resp: 638484
Ion Ratio Lower Upper
240 100
120 13.3 18.1 27.1
236 28.5 24.2 36.4

Manual Integrations
APPROVED

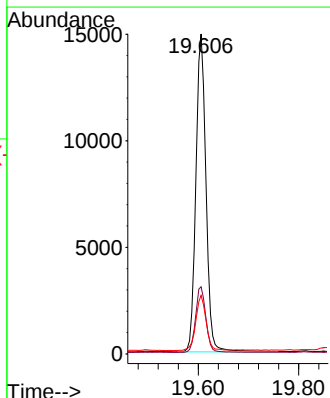
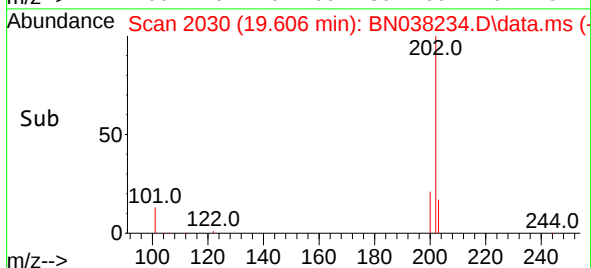
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

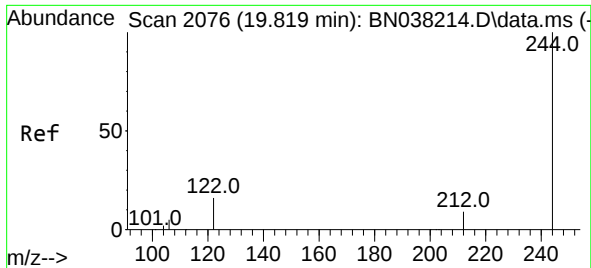


#30
Pyrene
Concen: 0.327 ng
RT: 19.606 min Scan# 2030
Delta R.T. -0.005 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17



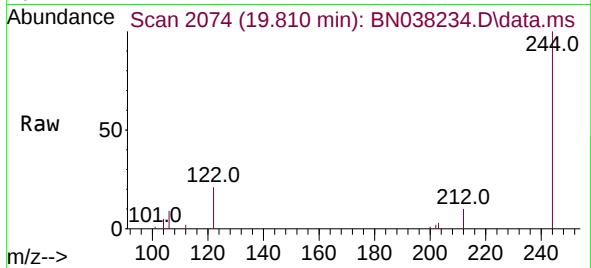
Tgt Ion:202 Resp: 20859
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.7 14.4 21.6





#31
Terphenyl-d14
Concen: 0.339 ng
RT: 19.810 min Scan# 2076
Delta R.T. -0.009 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

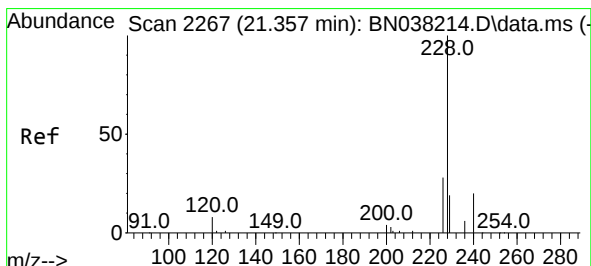
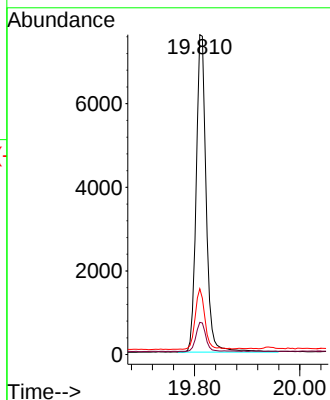
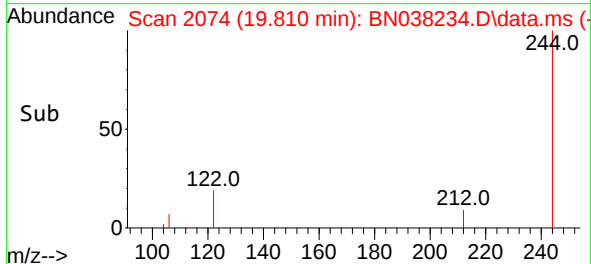
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



Tgt Ion:244 Resp: 10000
Ion Ratio Lower Upper
244 100
212 10.1 7.7 11.5
122 20.6 13.6 20.4

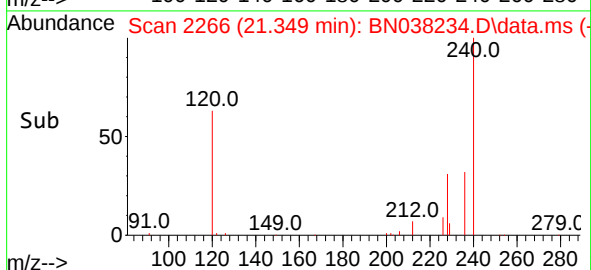
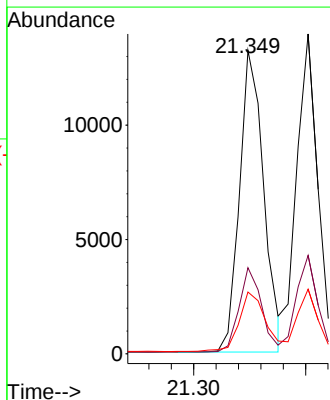
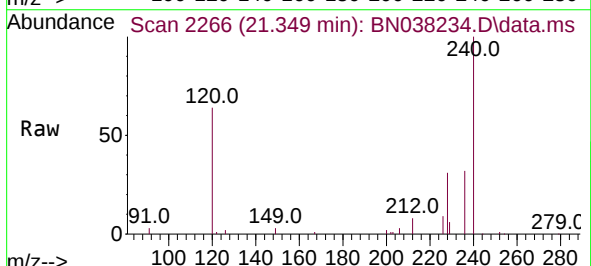
Manual Integrations
APPROVED

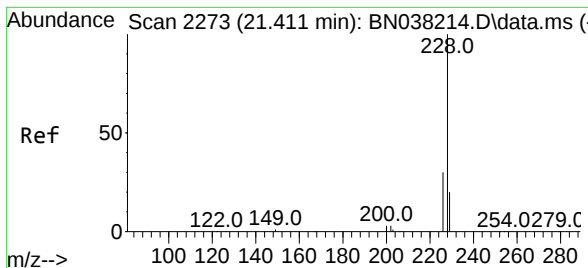
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#32
Benzo(a)anthracene
Concen: 0.458 ng
RT: 21.349 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

Tgt Ion:228 Resp: 19800
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.4 15.8 23.8





#33

Chrysene

Concen: 0.362 ng

RT: 21.402 min Scan# 2272

Delta R.T. -0.009 min

Lab File: BN038234.D

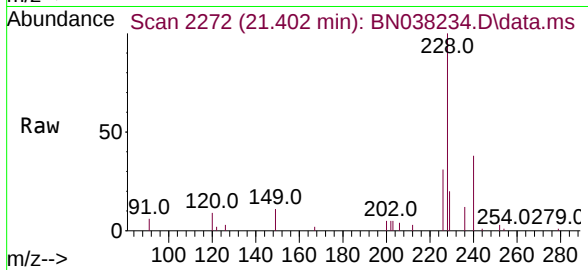
Acq: 01 Dec 2025 20:17

Instrument :

BNA_N

ClientSampleId :

EME-GENERAL-FILLMS



Tgt Ion:228 Resp: 18476

Ion Ratio Lower Upper

228 100

226 30.8 23.8 35.8

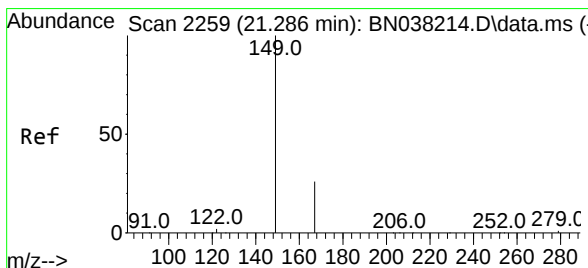
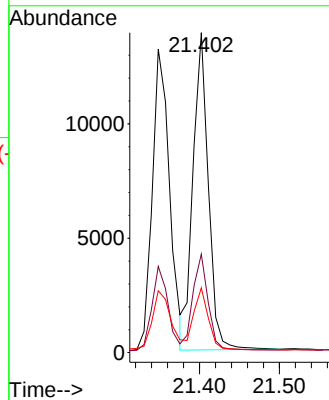
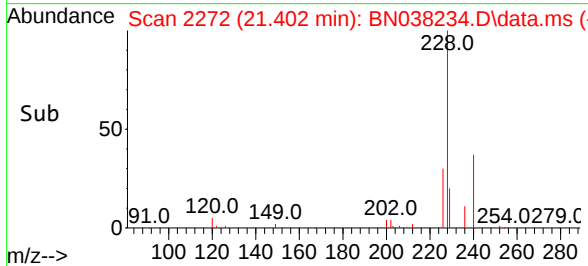
229 20.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.479 ng

RT: 21.286 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BN038234.D

Acq: 01 Dec 2025 20:17

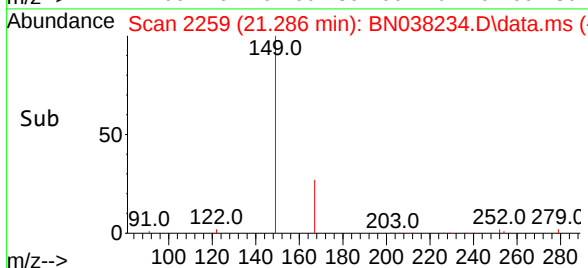
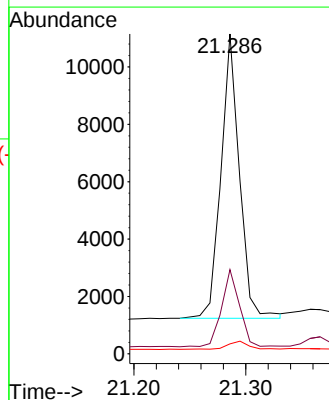
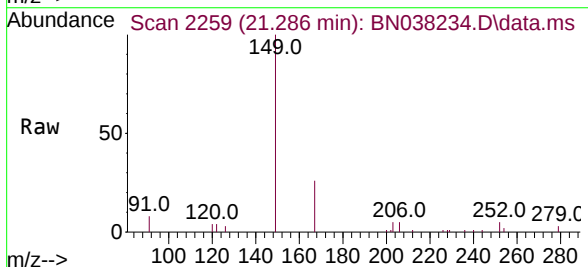
Tgt Ion:149 Resp: 11351

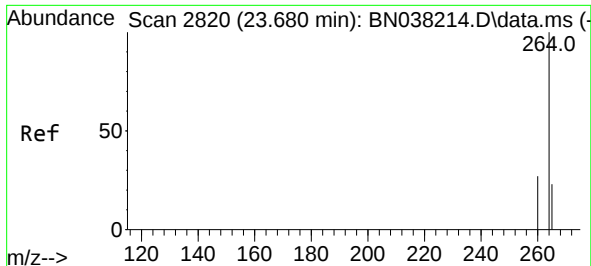
Ion Ratio Lower Upper

149 100

167 26.2 20.7 31.1

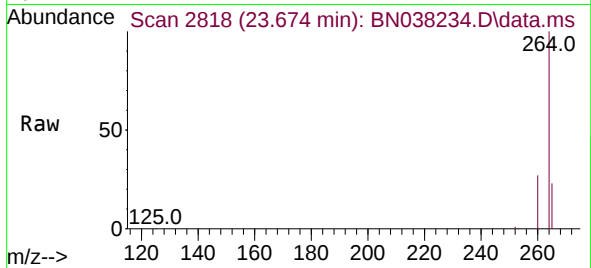
279 3.2 2.5 3.7





#35
Perylene-d12
Concen: 20.000 ng
RT: 23.674 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

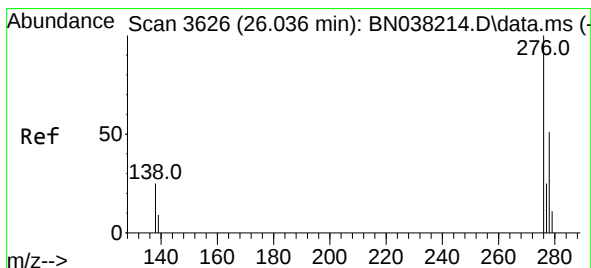
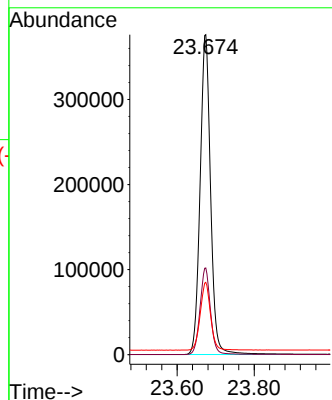
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



Tgt Ion:264 Resp: 707894
Ion Ratio Lower Upper
264 100
260 27.1 21.7 32.5
265 22.6 98.0 147.0

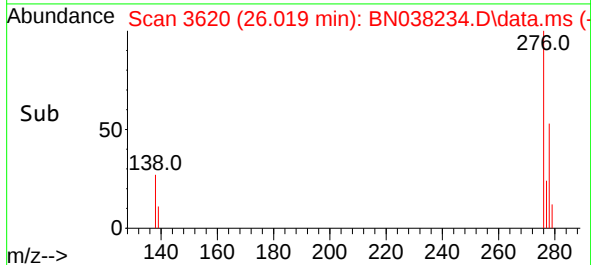
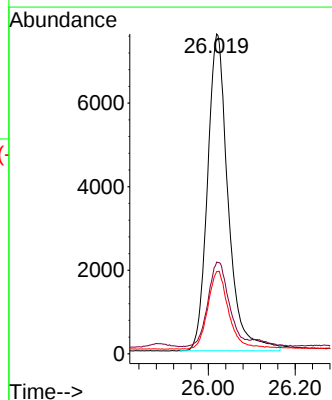
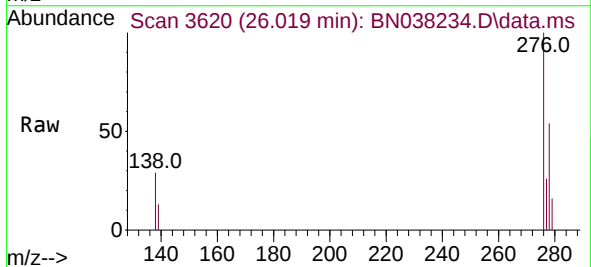
Manual Integrations
APPROVED

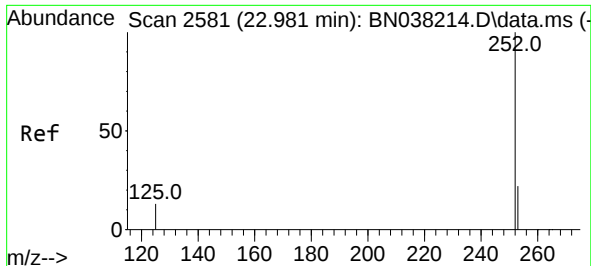
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 26.019 min Scan# 3620
Delta R.T. -0.017 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

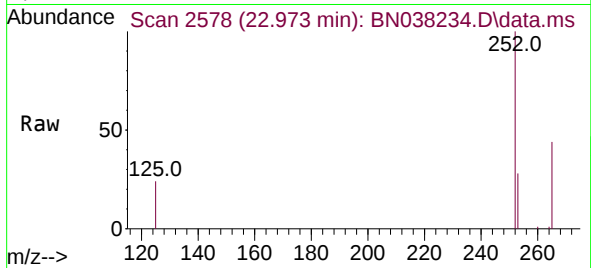
Tgt Ion:276 Resp: 24968
Ion Ratio Lower Upper
276 100
138 27.6 21.4 32.2
277 24.3 19.1 28.7





#37
Benzo(b)fluoranthene
Concen: 0.344 ng
RT: 22.973 min Scan# 2578
Delta R.T. -0.009 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

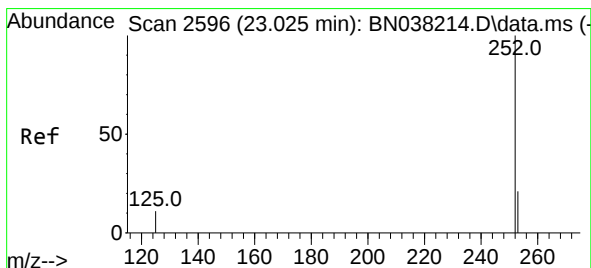
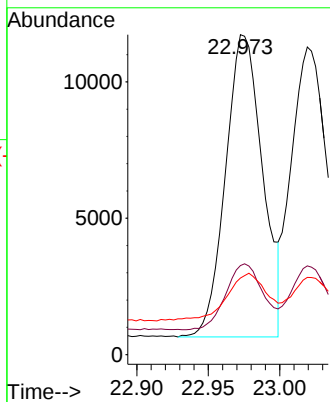
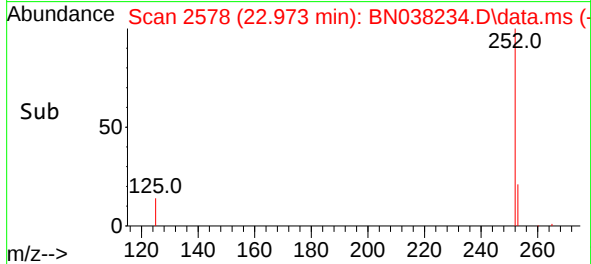
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



Tgt Ion:252 Resp: 20010
Ion Ratio Lower Upper
252 100
253 27.8 22.2 33.4
125 23.9 18.0 27.0

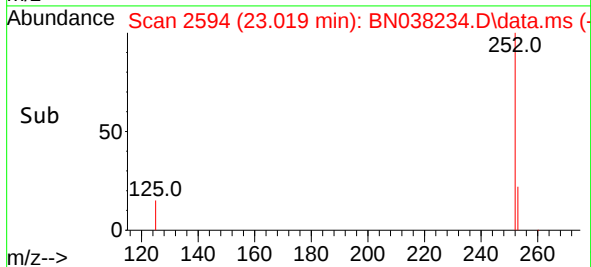
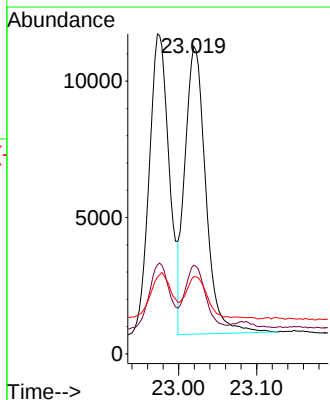
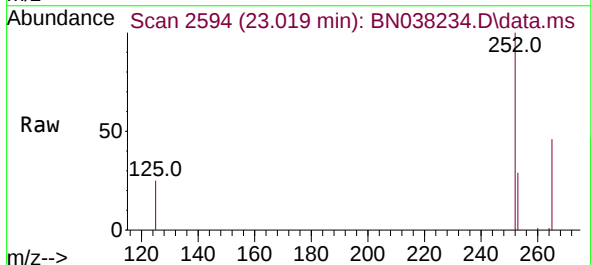
Manual Integrations
APPROVED

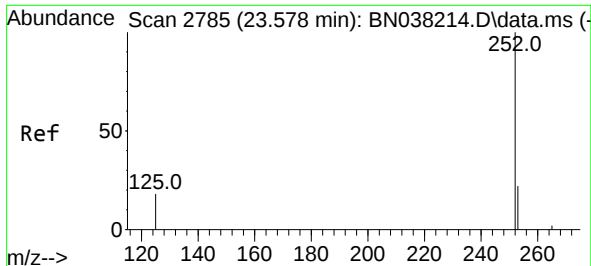
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#38
Benzo(k)fluoranthene
Concen: 0.325 ng
RT: 23.019 min Scan# 2594
Delta R.T. -0.006 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

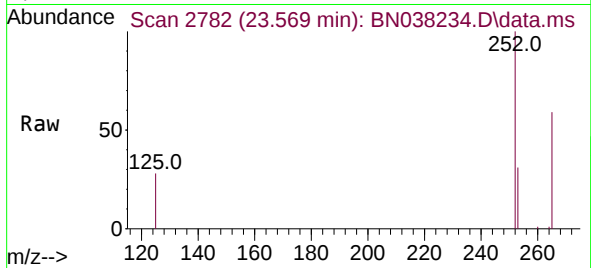
Tgt Ion:252 Resp: 19631
Ion Ratio Lower Upper
252 100
253 28.8 22.4 33.6
125 25.1 17.5 26.3





#39
Benzo(a)pyrene
Concen: 0.353 ng
RT: 23.569 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

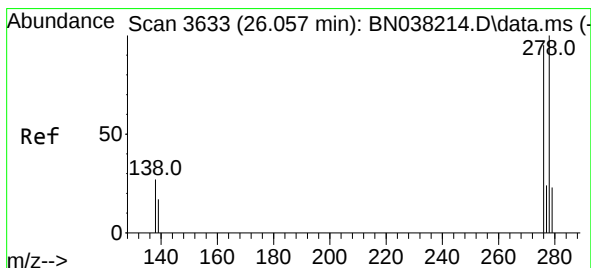
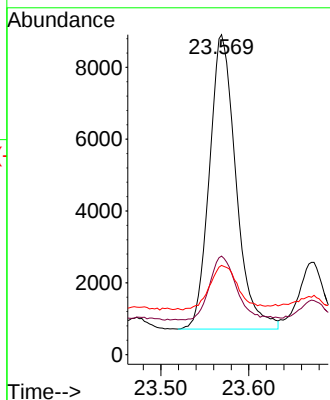
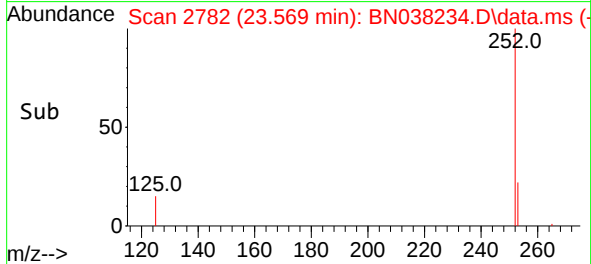
Instrument :
BNA_N
ClientSampleId :
EME-GENERAL-FILLMS



Tgt Ion:252 Resp: 17215
Ion Ratio Lower Upper
252 100
253 30.8 25.3 37.9
125 27.9 25.2 37.8

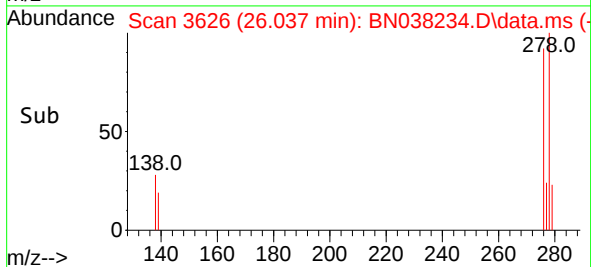
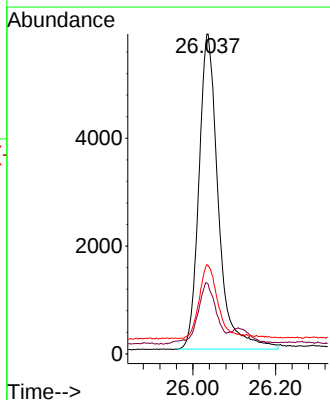
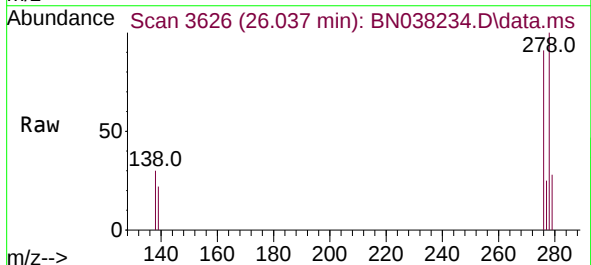
Manual Integrations
APPROVED

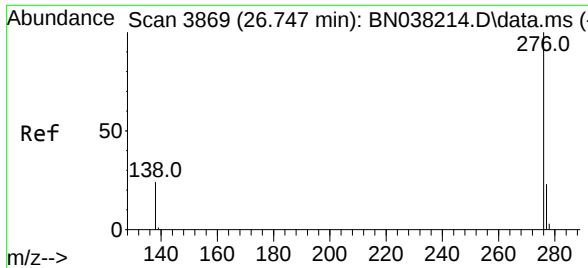
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#40
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.037 min Scan# 3626
Delta R.T. -0.020 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

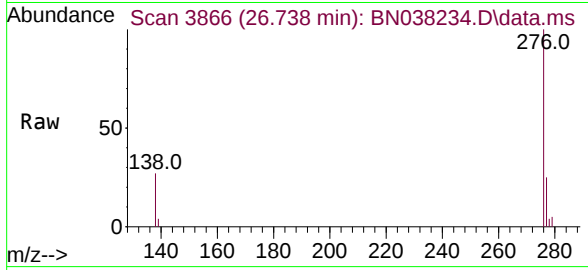
Tgt Ion:278 Resp: 19064
Ion Ratio Lower Upper
278 100
139 21.8 17.6 26.4
279 27.6 24.2 36.4





#41
 Benzo(g,h,i)perylene
 Concen: 0.356 ng
 RT: 26.738 min Scan# 3866
 Delta R.T. -0.009 min
 Lab File: BN038234.D
 Acq: 01 Dec 2025 20:17

Instrument :
 BNA_N
 ClientSampleId :
 EME-GENERAL-FILLMS



Tgt Ion: 276 Resp: 21099

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.2	30.2
138	26.7	20.8	31.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

