

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
 Data File : BN038200.D
 Acq On : 13 Nov 2025 13:27
 Operator : RC/JU
 Sample : Q3584-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 SEEP-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 14:19:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	538910	20.000	ng	0.00
7) Naphthalene-d8	10.573	136	1785287	20.000	ng	0.00
13) Acenaphthene-d10	14.430	164	1021405	20.000	ng	0.00
19) Phenanthrene-d10	17.186	188	1654430	20.000	ng	# 0.00
29) Chrysene-d12	21.375	240	1150690	20.000	ng	# 0.00
35) Perylene-d12	23.680	264	1246822	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	4784	0.188	ng	0.00
5) Phenol-d6	6.937	99	8931m	0.289	ng	0.00
8) Nitrobenzene-d5	8.918	82	8631	0.300	ng	-0.01
11) 2-Methylnaphthalene-d10	12.167	152	14761	0.289	ng	-0.01
14) 2,4,6-Tribromophenol	15.932	330	2878	0.342	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	21384	0.261	ng	0.00
27) Fluoranthene-d10	19.215	212	20805	0.249	ng	0.00
31) Terphenyl-d14	19.815	244	15374	0.307	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	125586	11.277	ng	Qvalue 97
24) Pentachlorophenol	16.838	266	301	0.028	ng	89
32) Benzo(a)anthracene	21.366	228	5577m	0.068	ng	
34) Bis(2-ethylhexyl)phtha...	21.286	149	14735	0.341	ng	# 89

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

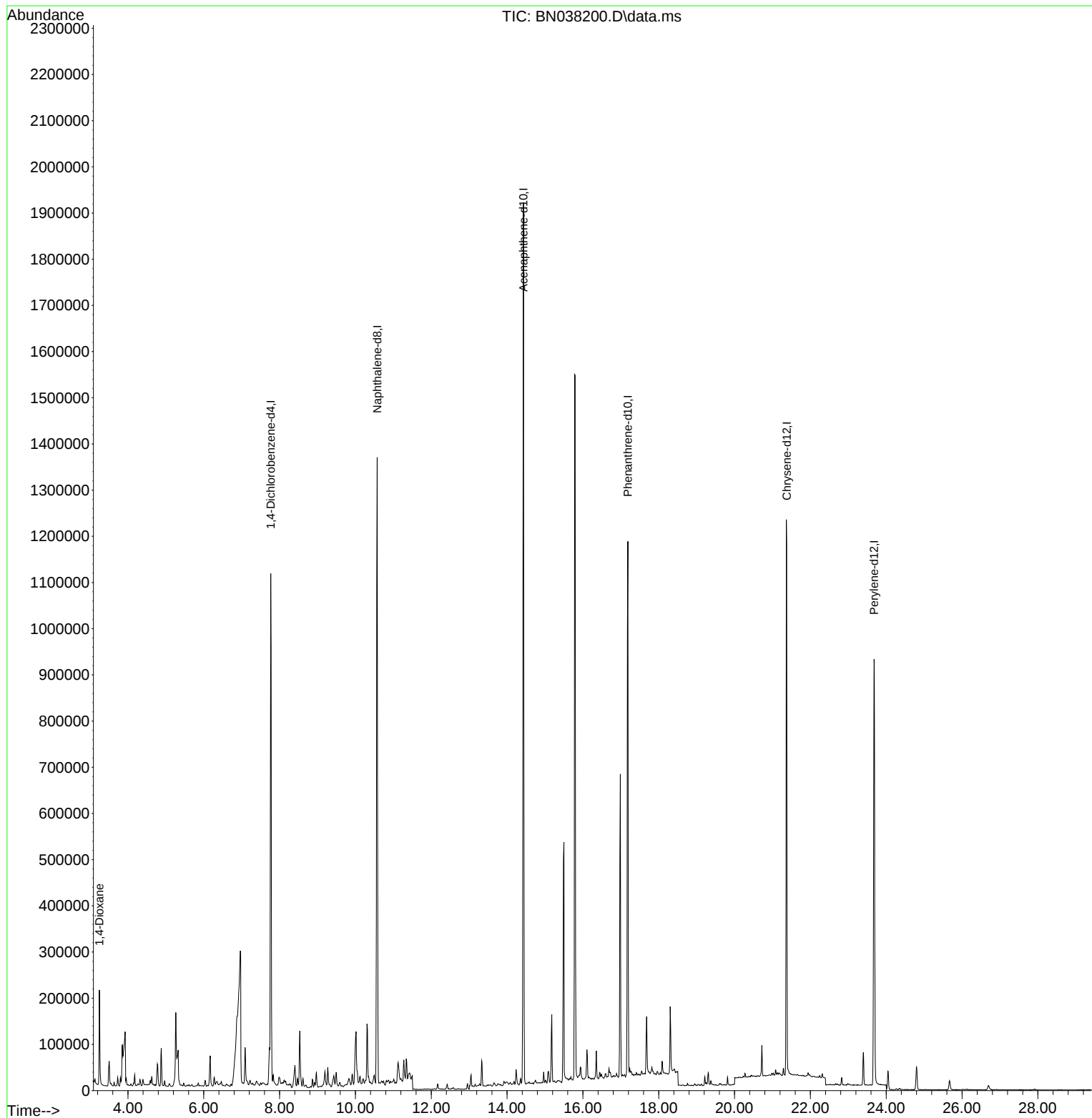
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111325\
Data File : BN038200.D
Acq On : 13 Nov 2025 13:27
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 4 Sample Multiplier: 50

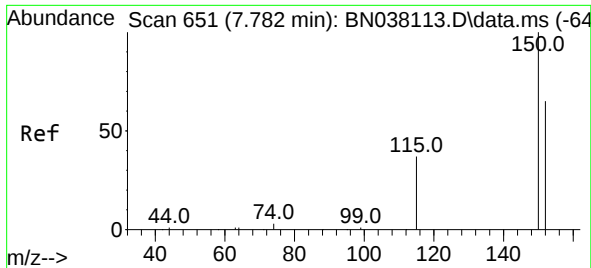
Instrument :
BNA_N
ClientSampleId :
SEEP-1

Quant Time: Nov 13 14:19:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

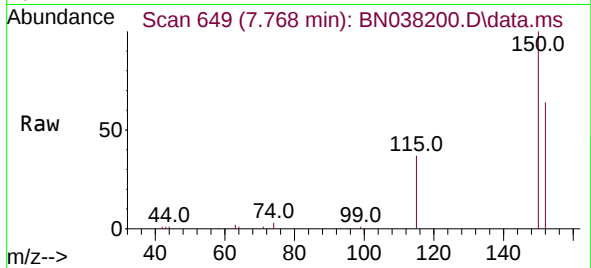
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.768 min Scan# 649
Delta R.T. -0.007 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

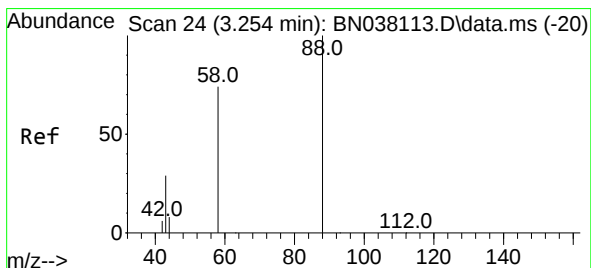
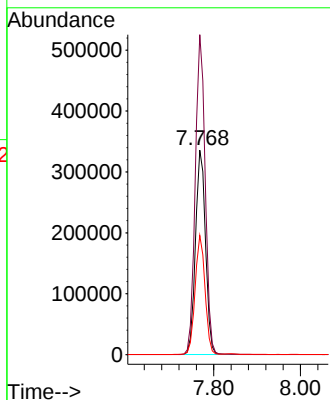
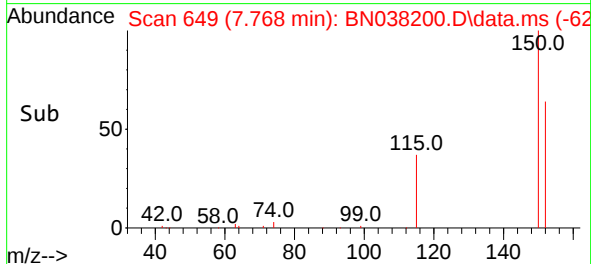
Instrument :
BNA_N
ClientSampleId :
SEEP-1



Tgt Ion:152 Resp: 538910
Ion Ratio Lower Upper
152 100
150 156.5 122.3 183.5
115 58.3 47.4 71.0

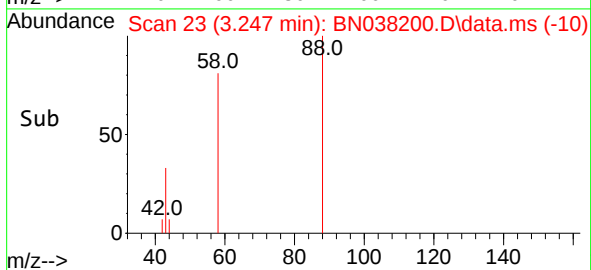
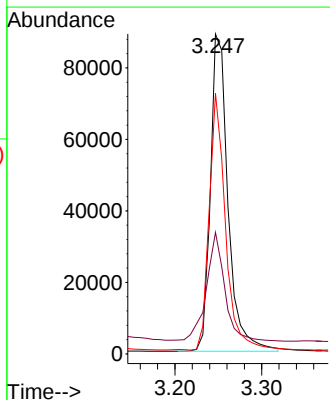
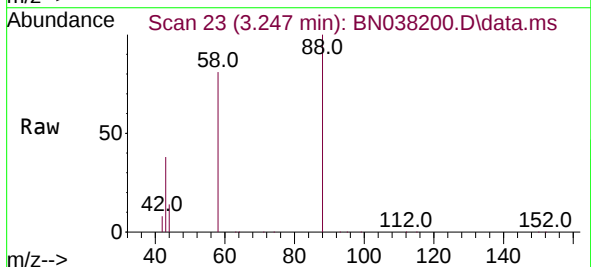
Manual Integrations
APPROVED

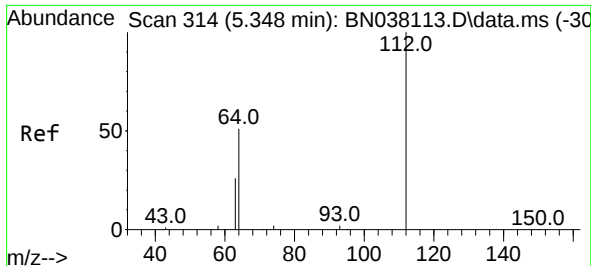
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 11.277 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion: 88 Resp: 125586
Ion Ratio Lower Upper
88 100
43 35.2 24.3 36.5
58 74.6 60.4 90.6





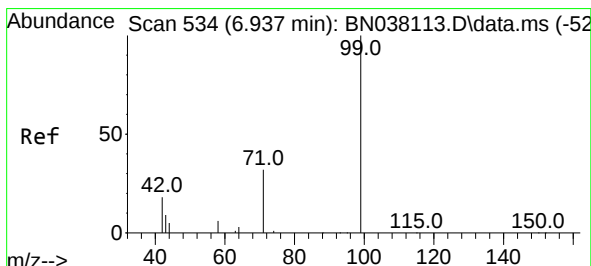
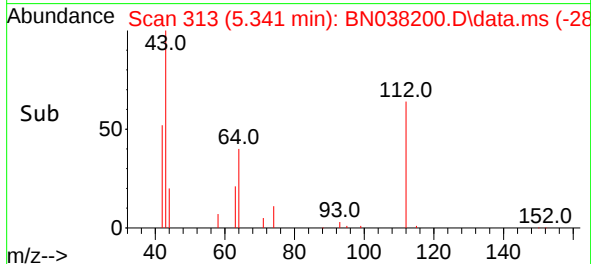
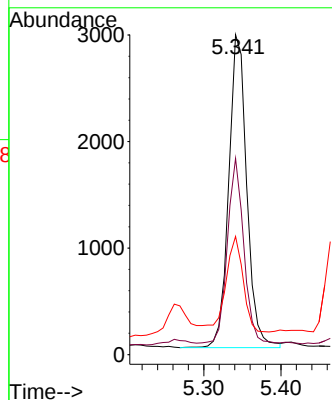
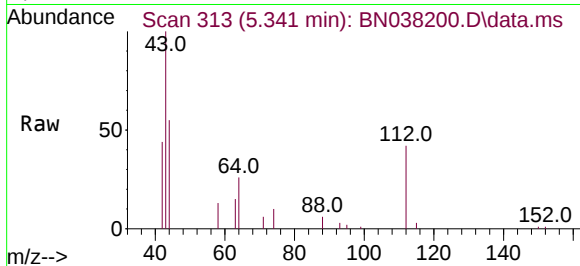
#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Instrument :
BNA_N
ClientSampleId :
SEEP-1

Tgt Ion:112 Resp: 4784
Ion Ratio Lower Upper
112 100
64 53.6 45.4 68.0
63 29.0 23.2 34.8

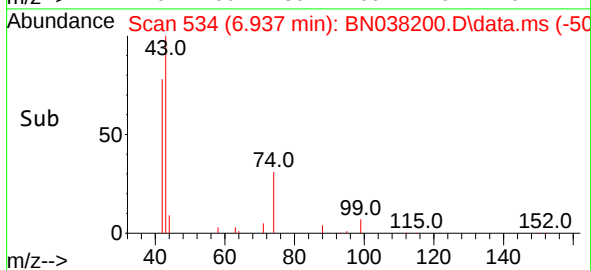
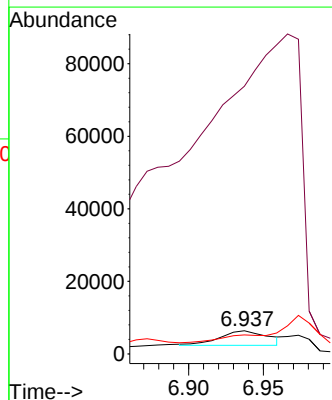
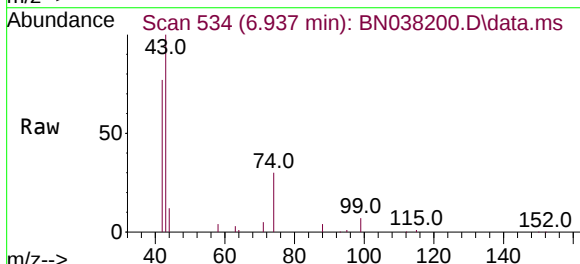
Manual Integrations
APPROVED

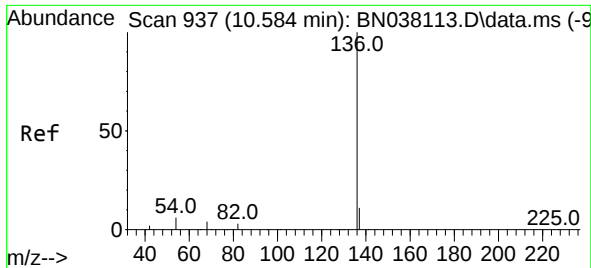
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#5
Phenol-d6
Concen: 0.289 ng m
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

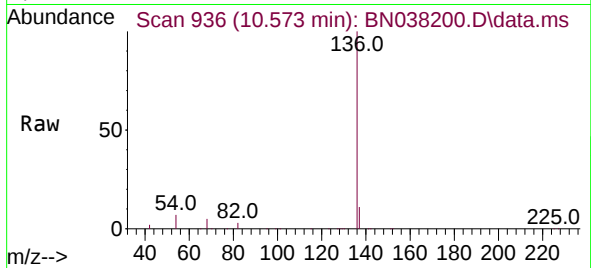
Tgt Ion: 99 Resp: 8931
Ion Ratio Lower Upper
99 100
42 0.0 16.6 24.8#
71 0.0 25.4 38.2#





#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

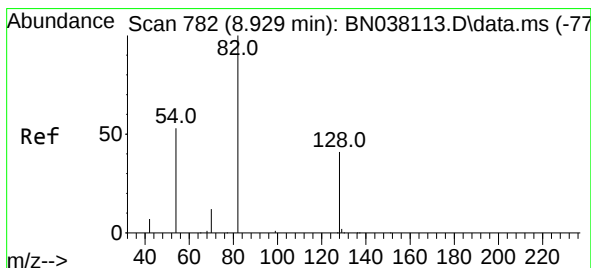
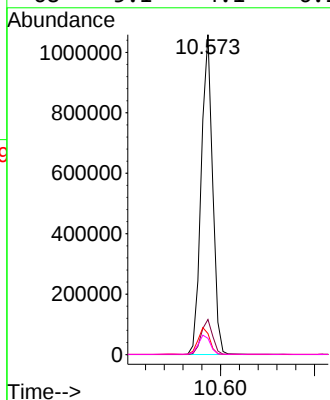
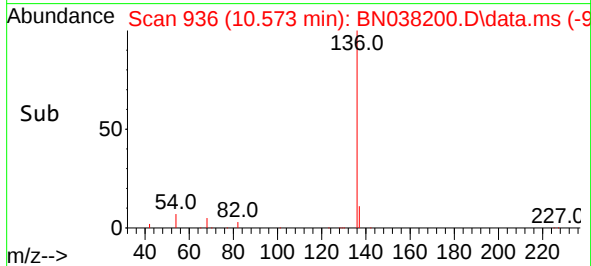
Instrument :
BNA_N
ClientSampleId :
SEEP-1



Tgt Ion:136 Resp: 178528
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.6 5.2 7.8
68 5.1 4.1 6.1

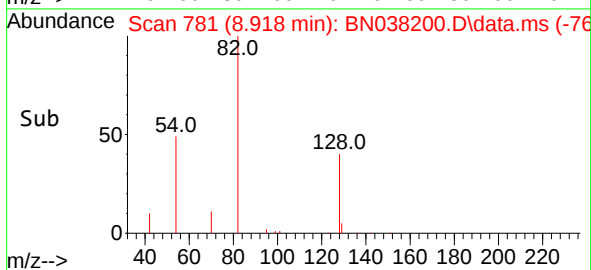
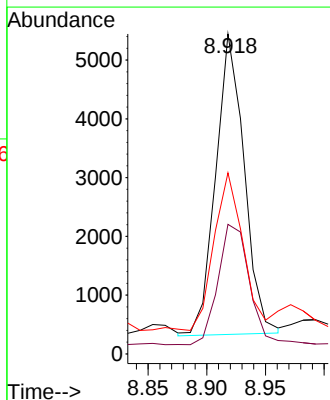
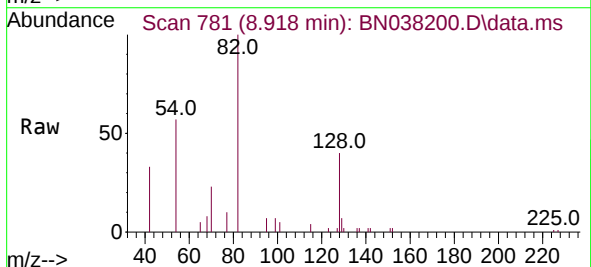
Manual Integrations
APPROVED

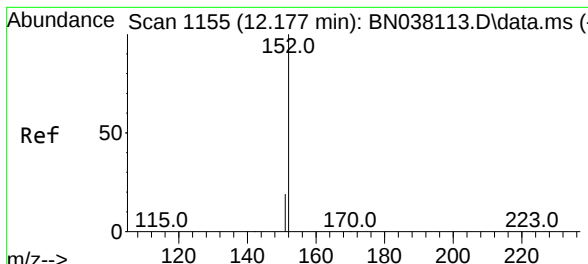
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

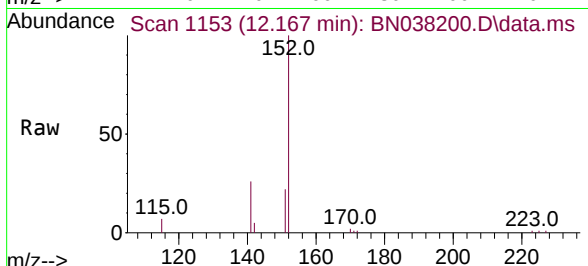
Tgt Ion: 82 Resp: 8631
Ion Ratio Lower Upper
82 100
128 40.5 34.1 51.1
54 56.6 43.5 65.3





#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.167 min Scan# 1153
Delta R.T. -0.010 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

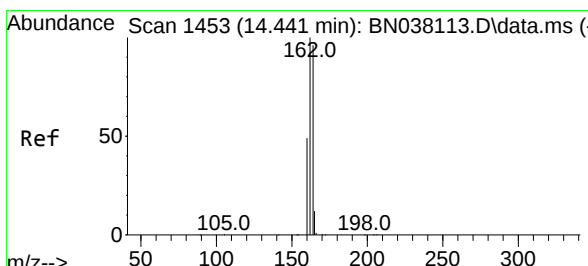
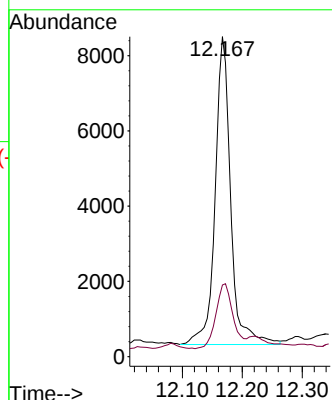
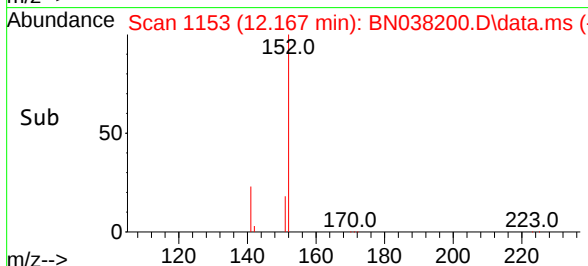
Instrument :
BNA_N
ClientSampleId :
SEEP-1



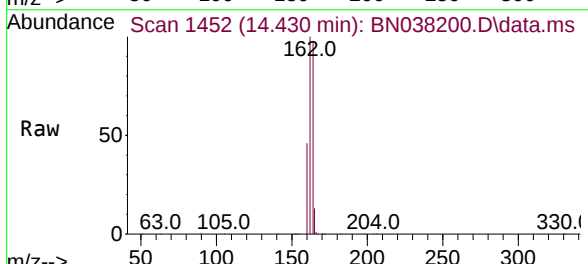
Tgt Ion:152 Resp: 14763
Ion Ratio Lower Upper
152 100
151 23.7 16.8 25.2

Manual Integrations
APPROVED

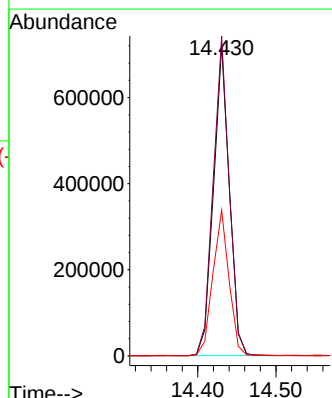
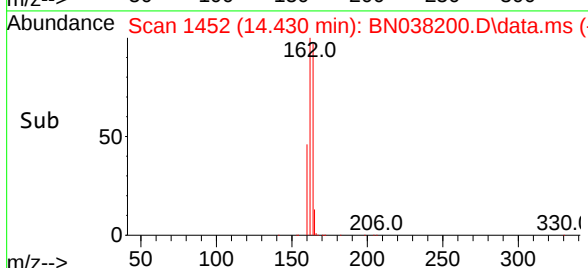
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

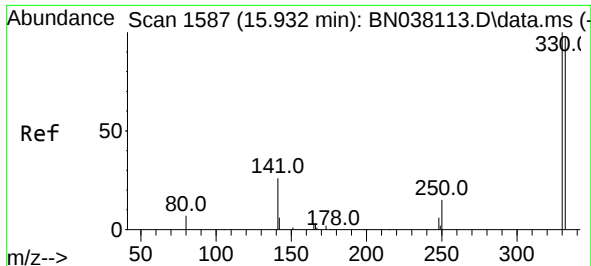


#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27



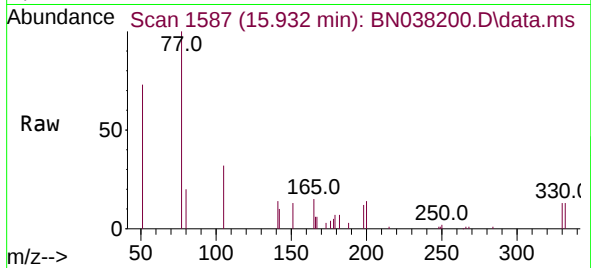
Tgt Ion:164 Resp: 1021405
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.4
160 46.8 40.7 61.1





#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

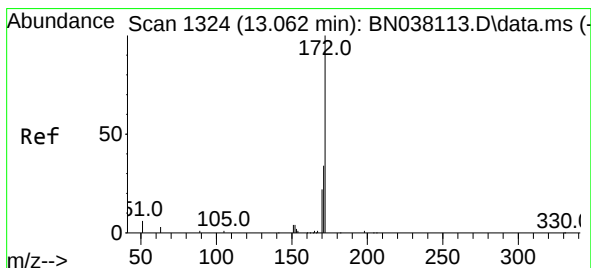
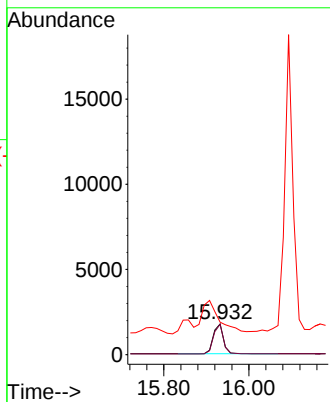
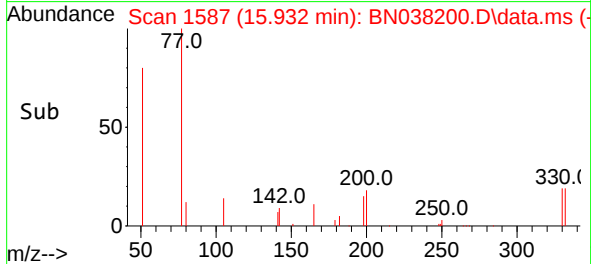
Instrument :
BNA_N
ClientSampleId :
SEEP-1



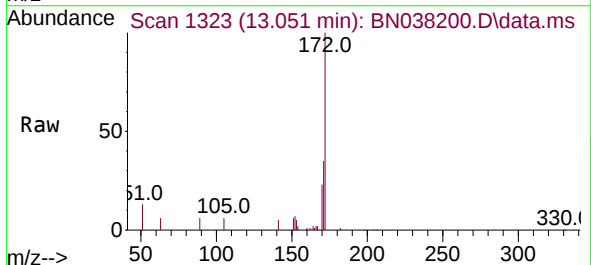
Tgt Ion: 330 Resp: 2878
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 0.0 34.1 51.1

Manual Integrations
APPROVED

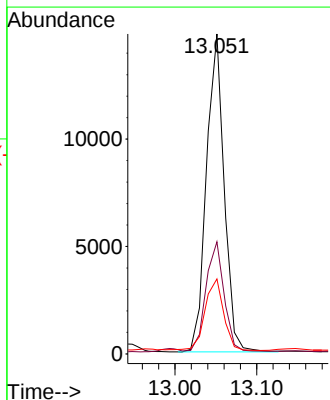
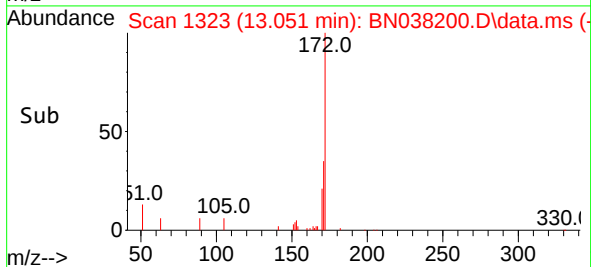
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025

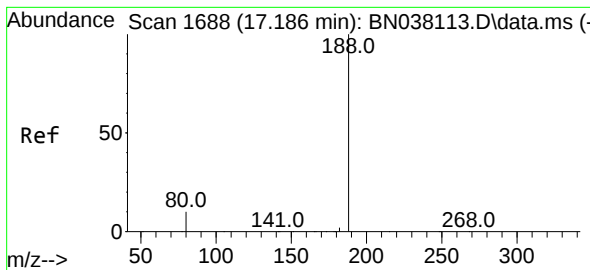


#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27



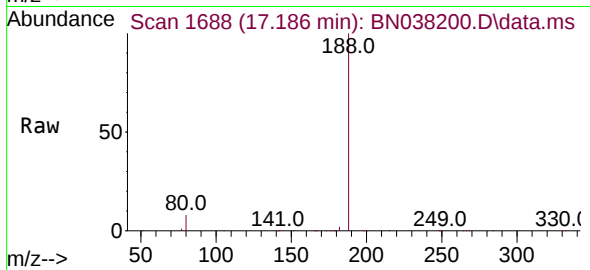
Tgt Ion: 172 Resp: 21384
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.4 18.1 27.1





#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

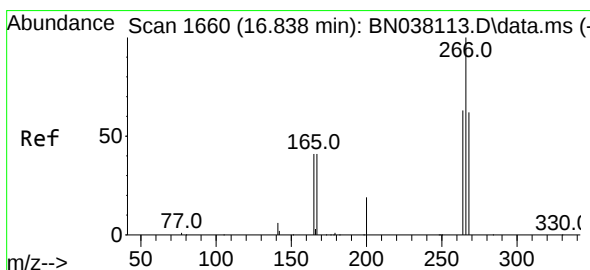
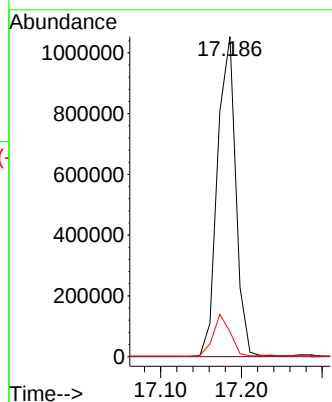
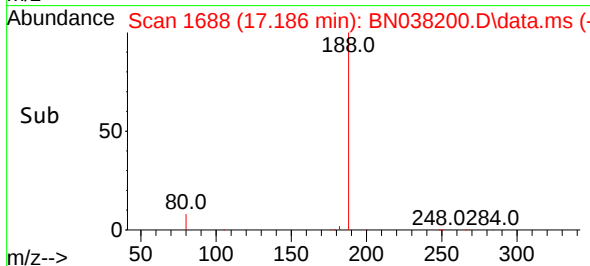
Instrument :
BNA_N
ClientSampleId :
SEEP-1



Tgt Ion:188 Resp: 1654430
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 8.6 13.0

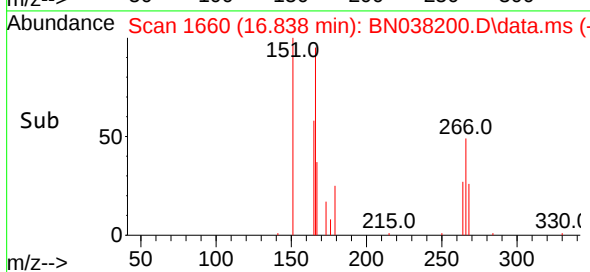
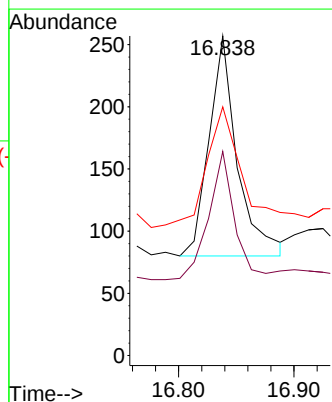
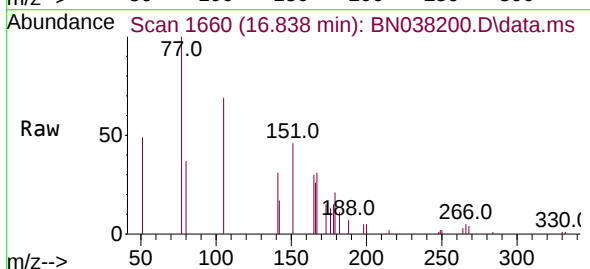
Manual Integrations
APPROVED

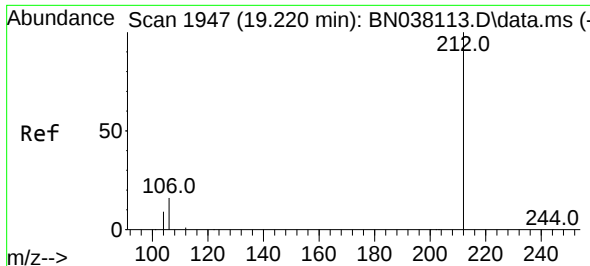
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#24
Pentachlorophenol
Concen: 0.028 ng
RT: 16.838 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:266 Resp: 301
Ion Ratio Lower Upper
266 100
264 53.5 49.3 73.9
268 72.4 50.6 75.8





#27
Fluoranthene-d10
Concen: 0.249 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Instrument :

BNA_N

ClientSampleId :

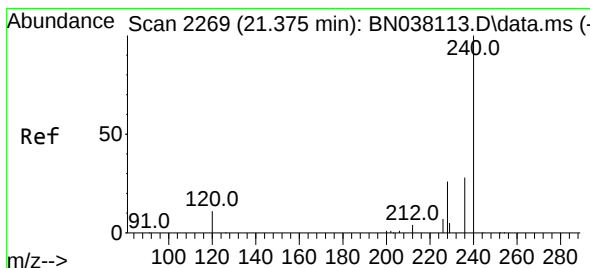
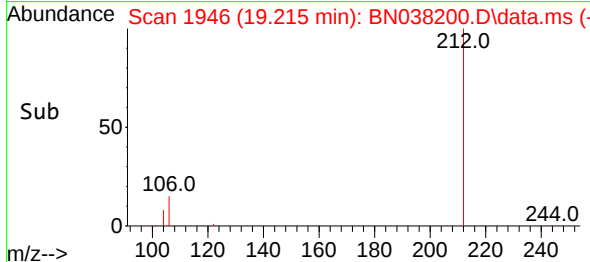
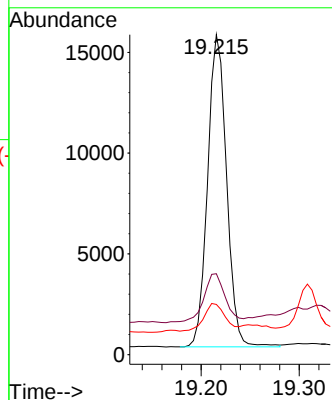
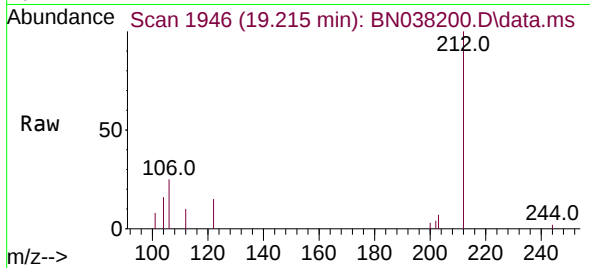
SEEP-1

Tgt Ion:212 Resp: 20805
Ion Ratio Lower Upper
212 100
106 18.0 12.6 19.0
104 9.9 7.1 10.7

Manual Integrations

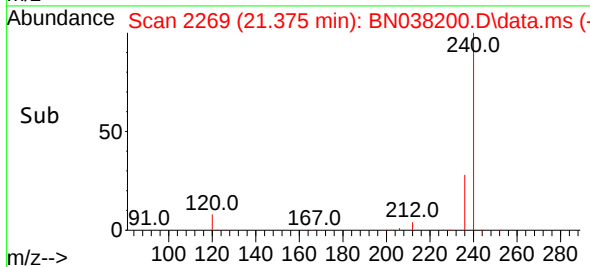
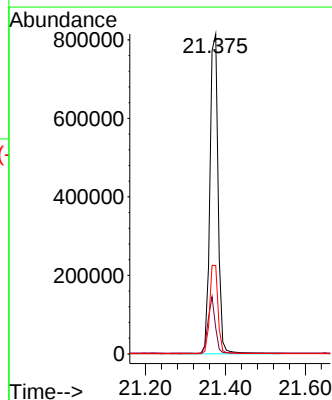
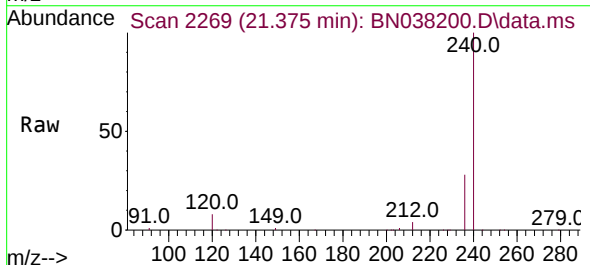
APPROVED

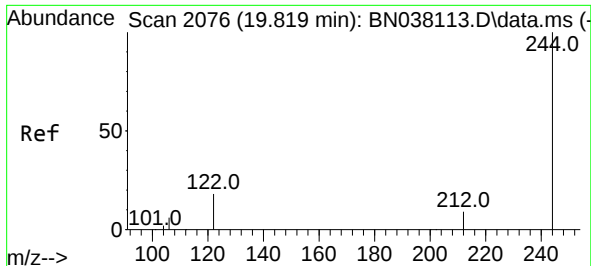
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

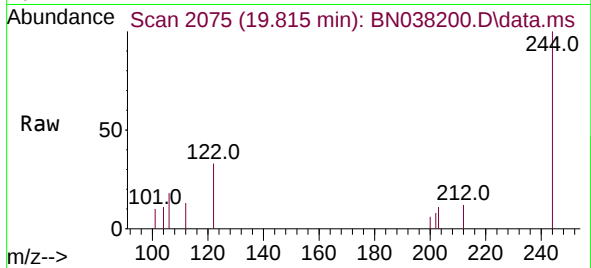
Tgt Ion:240 Resp: 1150690
Ion Ratio Lower Upper
240 100
120 8.1 10.7 16.1#
236 27.6 23.1 34.7





#31
 Terphenyl-d14
 Concen: 0.307 ng
 RT: 19.815 min Scan# 2076
 Delta R.T. -0.005 min
 Lab File: BN038200.D
 Acq: 13 Nov 2025 13:27

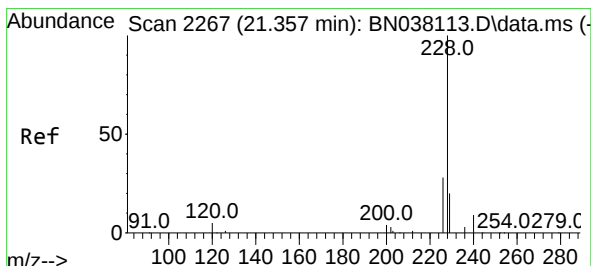
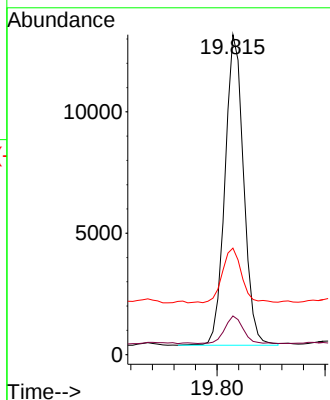
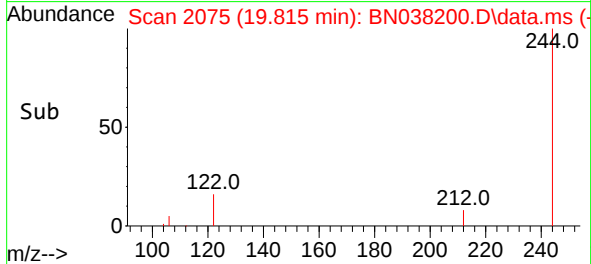
Instrument :
 BNA_N
 ClientSampleId :
 SEEP-1



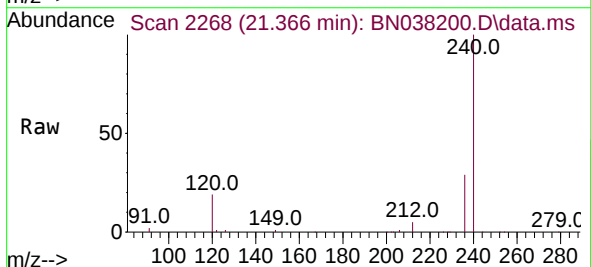
Tgt Ion:244 Resp: 15374
 Ion Ratio Lower Upper
 244 100
 212 12.1 7.8 11.6
 122 33.3 15.2 22.8

Manual Integrations
 APPROVED

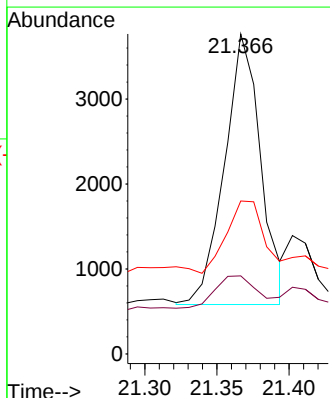
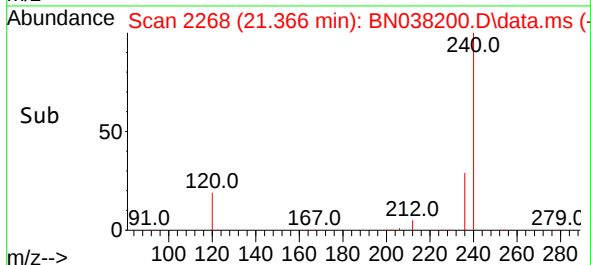
Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :Sohil Jodhani 11/14/2025

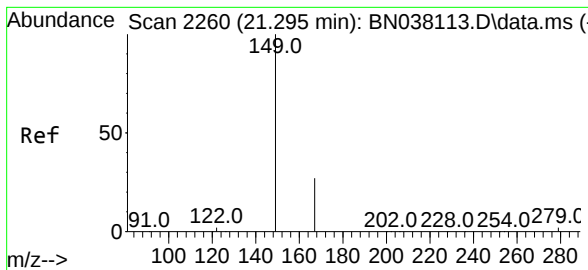


#32
 Benzo(a)anthracene
 Concen: 0.068 ng m
 RT: 21.366 min Scan# 2268
 Delta R.T. 0.009 min
 Lab File: BN038200.D
 Acq: 13 Nov 2025 13:27



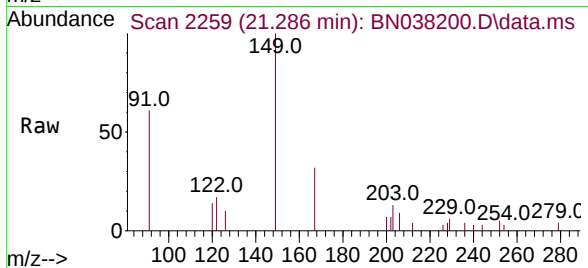
Tgt Ion:228 Resp: 5577
 Ion Ratio Lower Upper
 228 100
 226 24.4 22.2 33.4
 229 47.8 15.8 23.8





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.341 ng
RT: 21.286 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

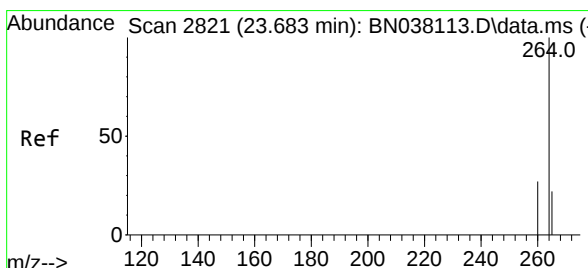
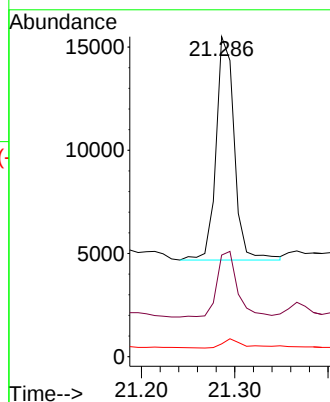
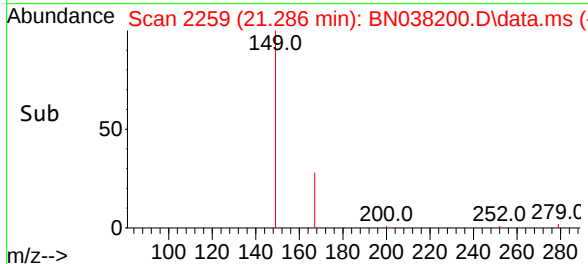
Instrument :
BNA_N
ClientSampleId :
SEEP-1



Tgt Ion:149 Resp: 14735
Ion Ratio Lower Upper
149 100
167 32.7 21.1 31.7
279 5.3 2.9 4.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



#35
Perylene-d12
Concen: 20.000 ng
RT: 23.680 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BN038200.D
Acq: 13 Nov 2025 13:27

Tgt Ion:264 Resp: 1246822
Ion Ratio Lower Upper
264 100
260 26.8 21.8 32.8
265 22.4 68.6 102.8

