

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
 Data File : BP025842.D
 Acq On : 24 Sep 2025 12:24
 Operator : CG/JU
 Sample : Q3150-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 Mid Site Grid 5-7

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/25/2025
 Supervised By :Jagrut Upadhyay 09/25/2025

Quant Time: Sep 24 12:48:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	151903	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	599108	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	455016	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	945408	20.000	ng	0.00
76) Chrysene-d12	21.630	240	975743	20.000	ng	-0.01
86) Perylene-d12	24.989	264	1079829	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	968439	102.870	ng	0.00
7) Phenol-d6	6.949	99	1267455	101.289	ng	0.00
23) Nitrobenzene-d5	8.890	82	794739	58.515	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	558690	98.440	ng	0.00
45) 2-Fluorobiphenyl	12.978	172	1574890	46.086	ng	-0.01
79) Terphenyl-d14	19.901	244	2333518	43.023	ng	-0.01
Target Compounds						Qvalue
60) Diethylphthalate	15.213	149	140762	3.995	ng	97
71) Phenanthrene	17.225	178	254683	4.749	ng	99
74) Di-n-butylphthalate	18.183	149	195769	3.153	ng	99
75) Fluoranthene	19.319	202	428155	6.657	ng	99
78) Pyrene	19.689	202	635112	9.755	ng	100
81) Benzo(a)anthracene	21.601	228	319687m	4.786	ng	
83) Chrysene	21.677	228	353605	5.553	ng	96
87) Indeno(1,2,3-cd)pyrene	28.830	276	1108901	14.121	ng	# 78
88) Benzo(b)fluoranthene	23.919	252	697441	10.562	ng	# 98
89) Benzo(k)fluoranthene	23.983	252	219783m	3.262	ng	
90) Benzo(a)pyrene	24.824	252	730419	11.295	ng	97
92) Benzo(g,h,i)perylene	30.006	276	1666530	26.370	ng	100

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

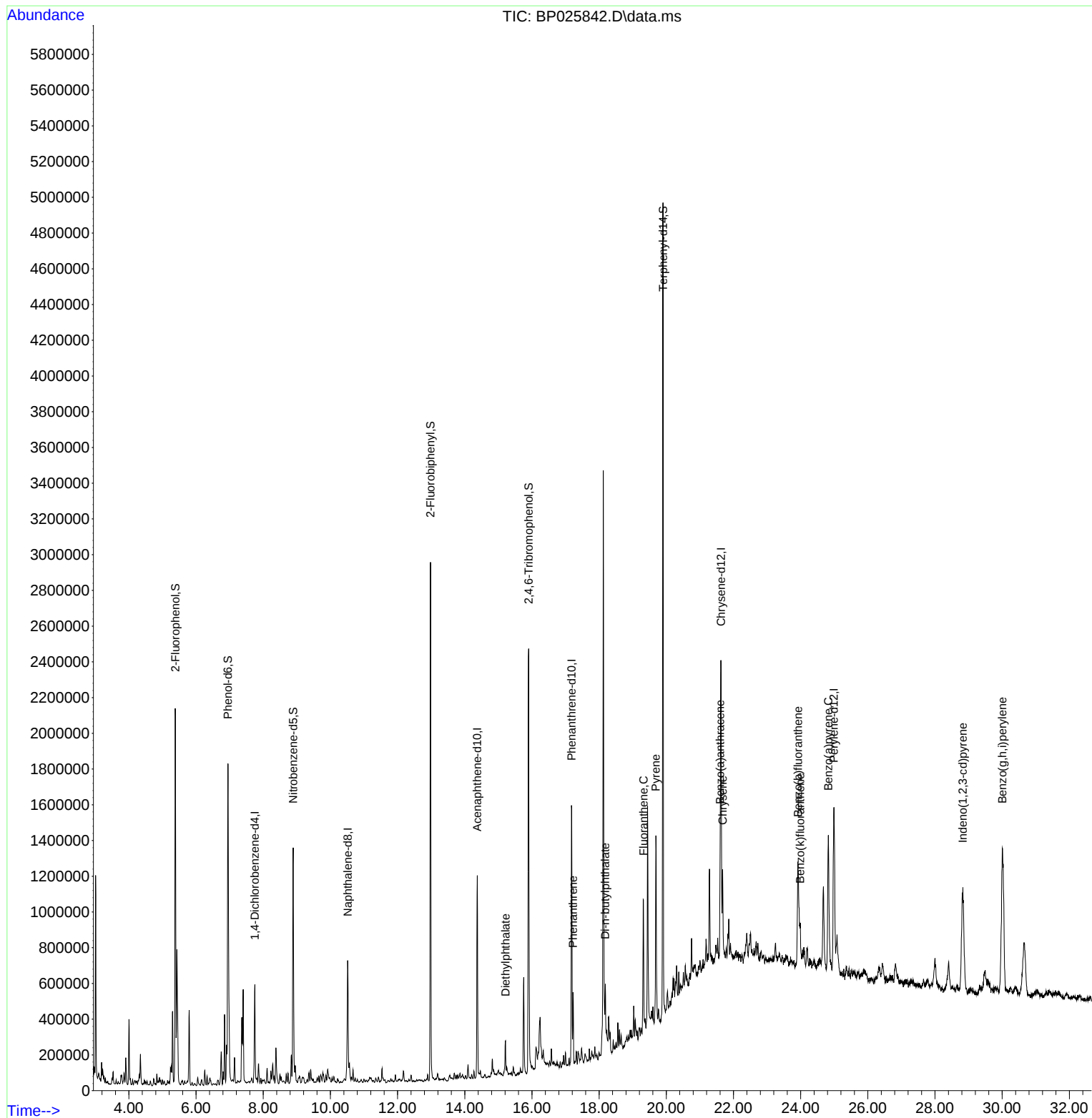
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
Data File : BP025842.D
Acq On : 24 Sep 2025 12:24
Operator : CG/JU
Sample : Q3150-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

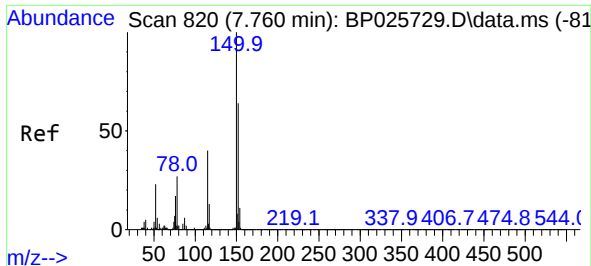
Instrument :
BNA_P
ClientSampleId :
Mid Site Grid 5-7

Quant Time: Sep 24 12:48:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025





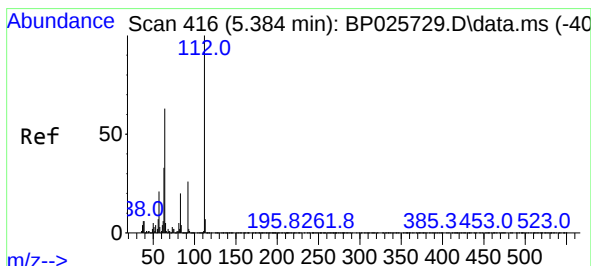
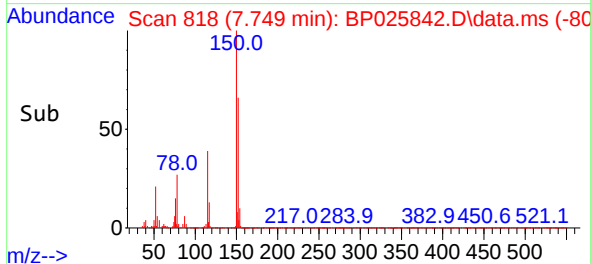
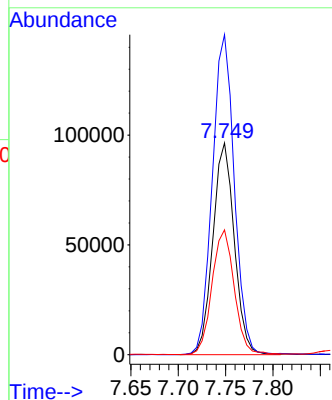
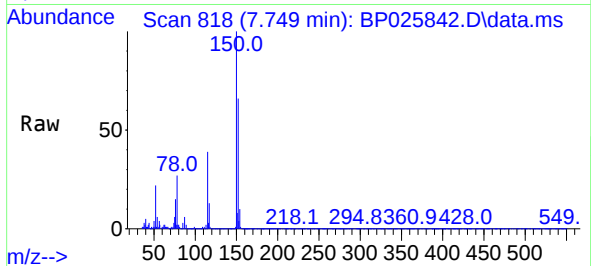
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

Instrument :
BNA_P
ClientSampleId :
Mid Site Grid 5-7

Tgt Ion:152 Resp: 15190
Ion Ratio Lower Upper
152 100
150 151.2 124.3 186.5
115 59.0 50.3 75.5

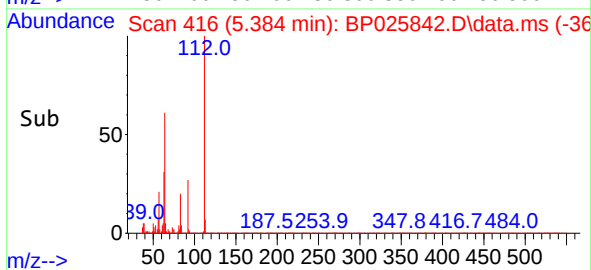
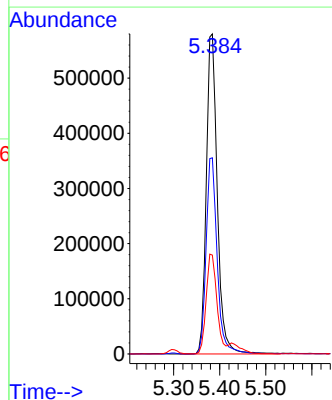
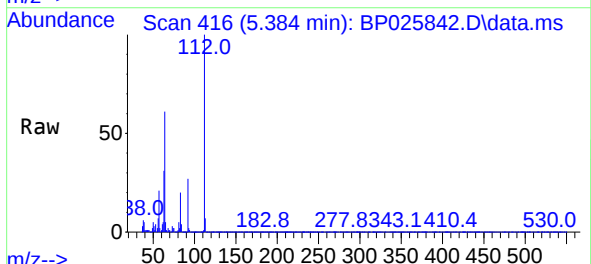
Manual Integrations
APPROVED

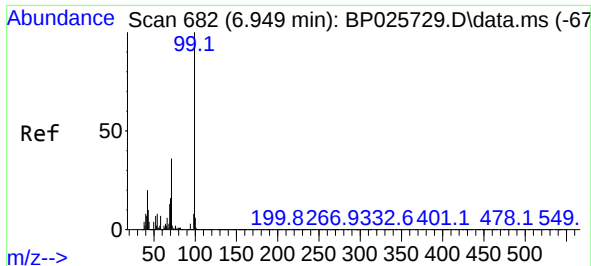
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#5
2-Fluorophenol
Concen: 102.870 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

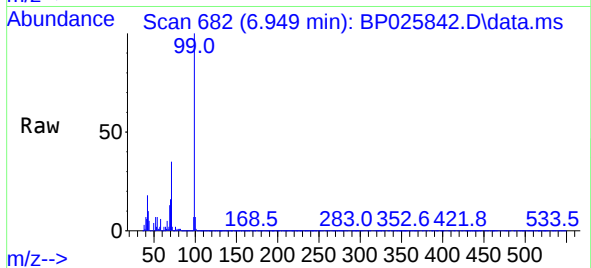
Tgt Ion:112 Resp: 968439
Ion Ratio Lower Upper
112 100
64 61.3 50.2 75.4
63 30.9 26.7 40.1





#7
Phenol-d6
Concen: 101.289 ng
RT: 6.949 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

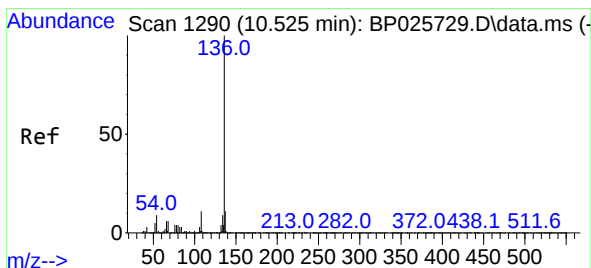
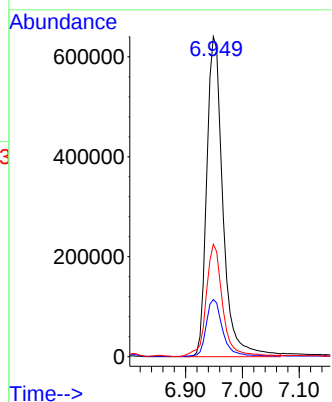
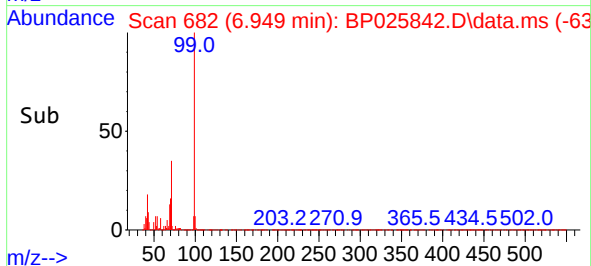
Instrument :
BNA_P
ClientSampleId :
Mid Site Grid 5-7



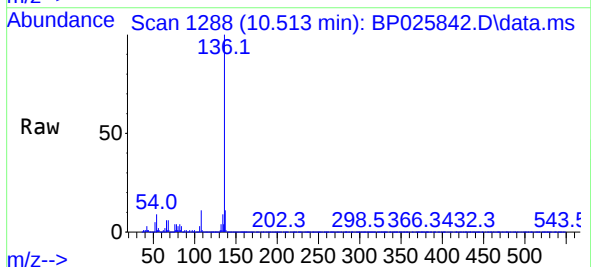
Tgt Ion: 99 Resp: 126745
Ion Ratio Lower Upper
99 100
42 17.8 15.6 23.4
71 35.1 28.6 43.0

Manual Integrations
APPROVED

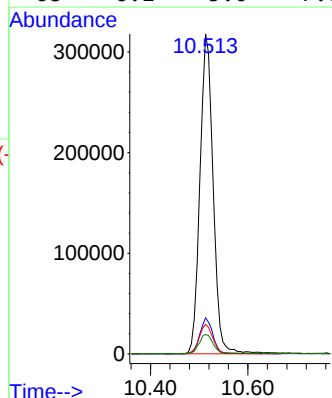
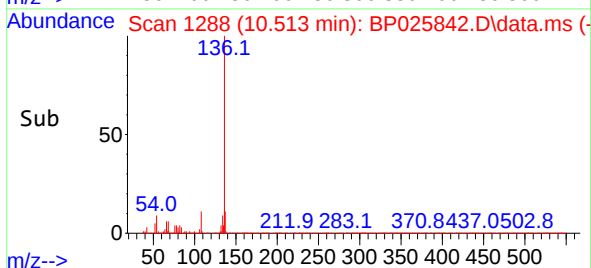
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

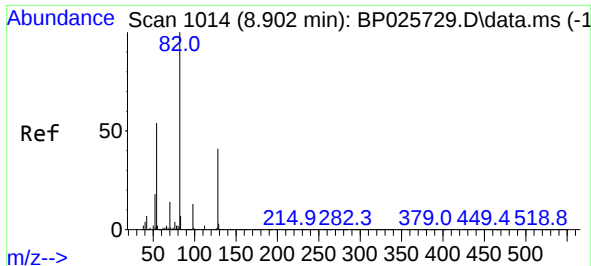


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24



Tgt Ion:136 Resp: 599108
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.3 7.5 11.3
68 6.1 5.0 7.6





#23
Nitrobenzene-d5
Concen: 58.515 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

Instrument :

BNA_P

ClientSampleId :

Mid Site Grid 5-7

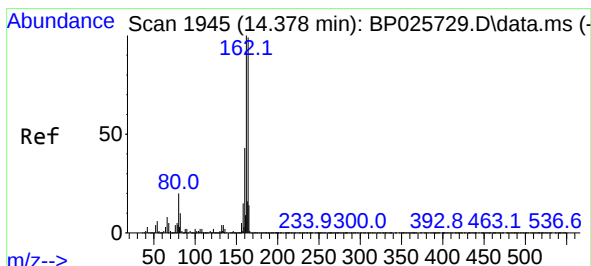
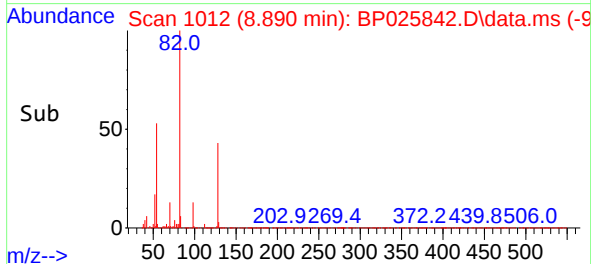
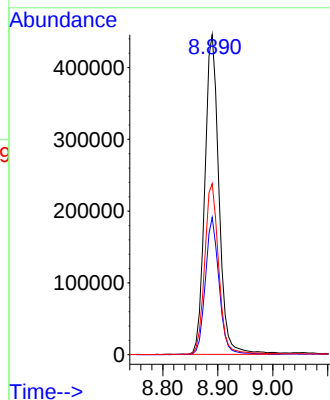
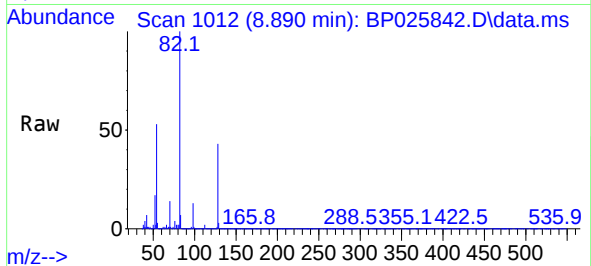
Tgt Ion: 82 Resp: 794739
Ion Ratio Lower Upper
82 100
128 42.9 32.9 49.3
54 53.5 43.4 65.2

Manual Integrations

APPROVED

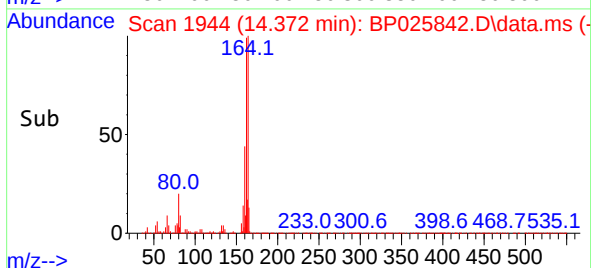
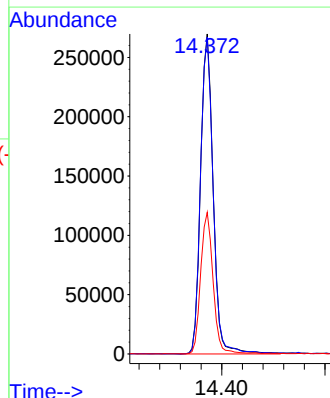
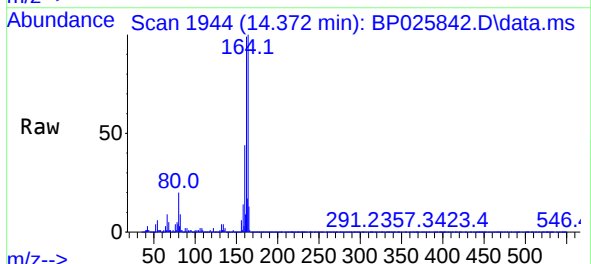
Reviewed By :Rahul Chavli 09/25/2025

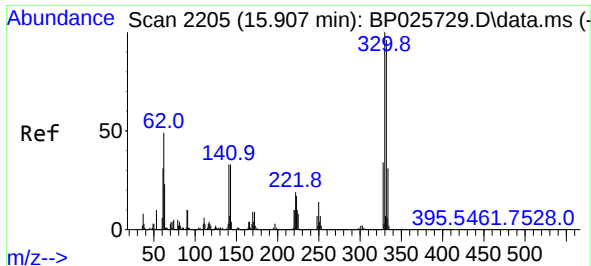
Supervised By :Jagrut Upadhyay 09/25/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

Tgt Ion:164 Resp: 455016
Ion Ratio Lower Upper
164 100
162 99.0 80.6 120.8
160 44.3 35.0 52.6





#42
2,4,6-Tribromophenol
Concen: 98.440 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

Instrument :

BNA_P

ClientSampleId :

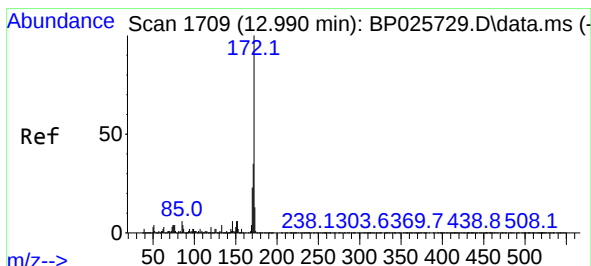
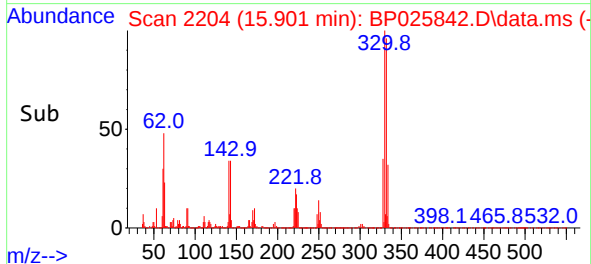
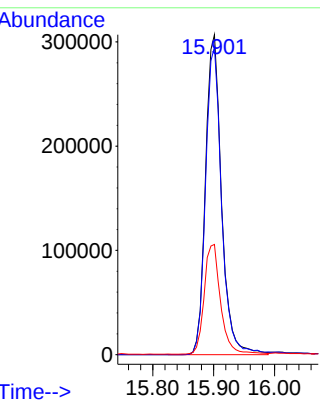
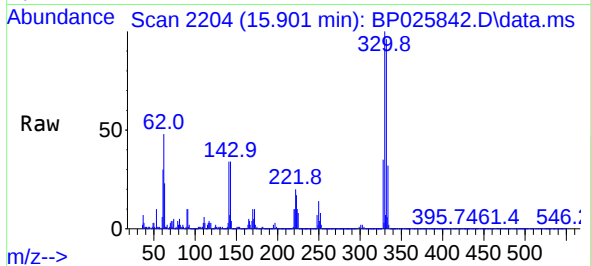
Mid Site Grid 5-7

Tgt Ion:330 Resp: 558690
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 35.3 31.0 46.4

Manual Integrations

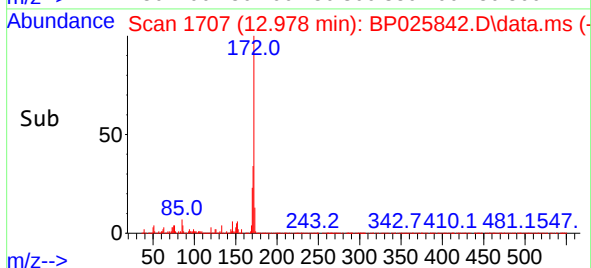
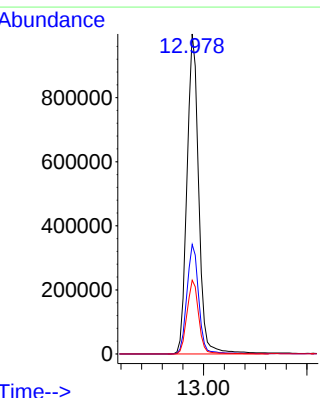
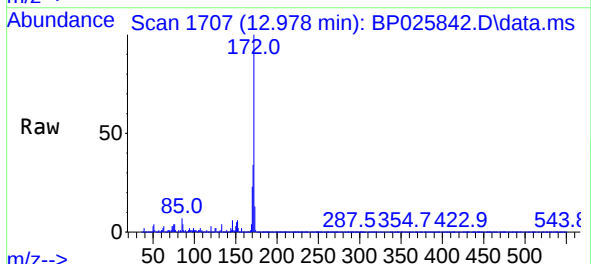
APPROVED

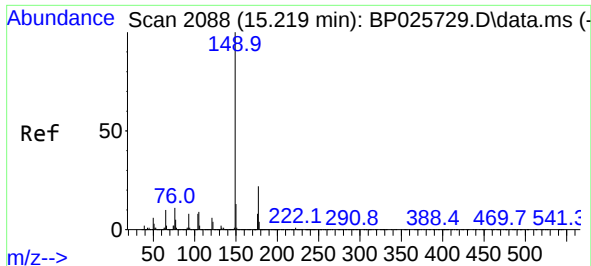
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#45
2-Fluorobiphenyl
Concen: 46.086 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

Tgt Ion:172 Resp: 1574890
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 23.0 18.6 27.8





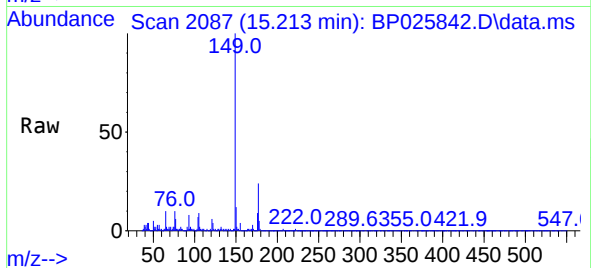
#60
Diethylphthalate
Concen: 3.995 ng
RT: 15.213 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

Instrument :

BNA_P

ClientSampleId :

Mid Site Grid 5-7

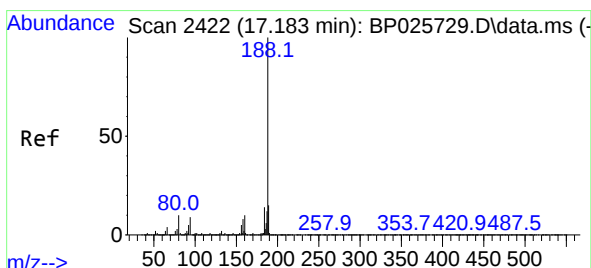
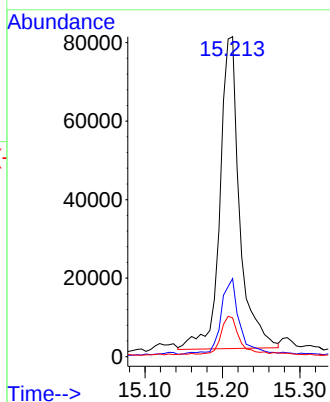
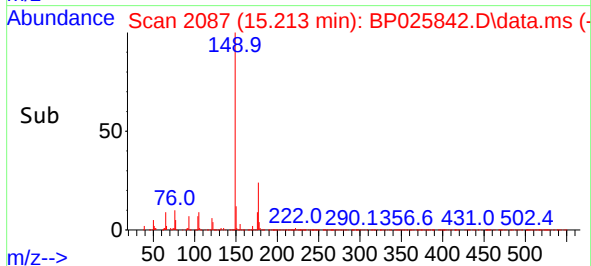


Tgt Ion:149 Resp: 140762
Ion Ratio Lower Upper
149 100
177 24.4 17.7 26.5
150 12.2 10.0 15.0

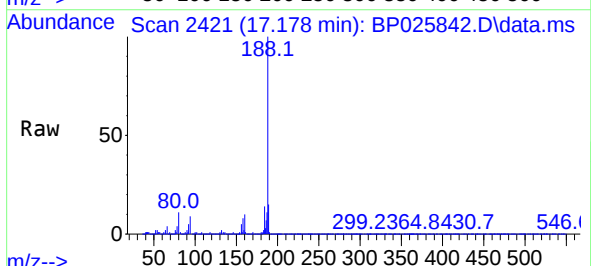
Manual Integrations

APPROVED

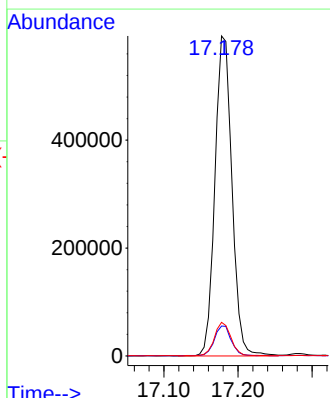
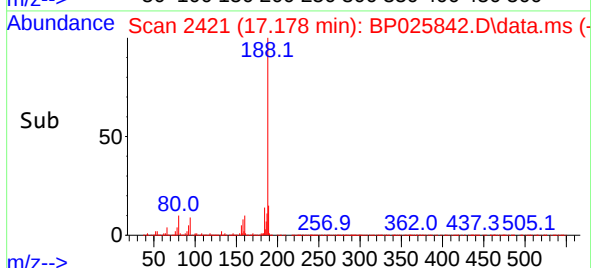
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

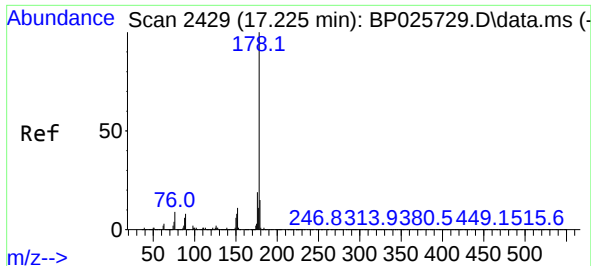


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24



Tgt Ion:188 Resp: 945408
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.5 7.7 11.5





#71
Phenanthrene
Concen: 4.749 ng
RT: 17.225 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

Instrument :

BNA_P

ClientSampleId :

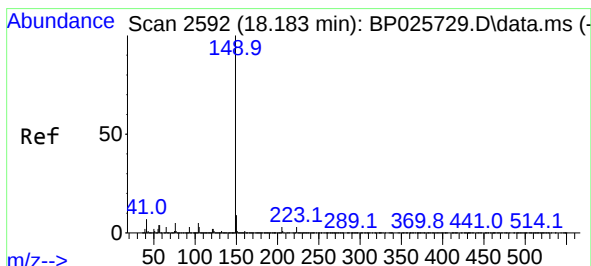
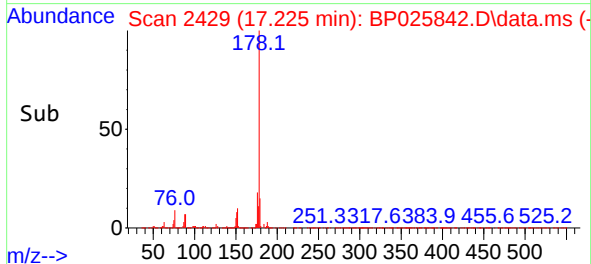
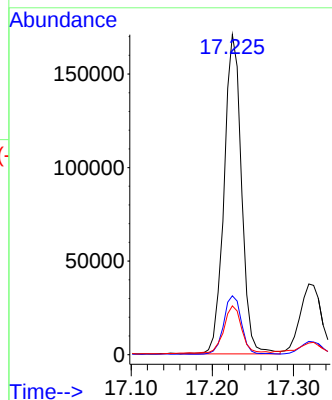
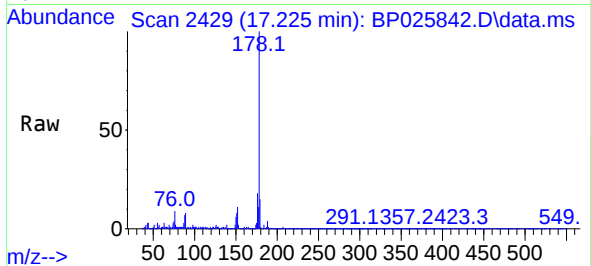
Mid Site Grid 5-7

Tgt Ion:178 Resp: 25468
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.2 12.2 18.4

Manual Integrations

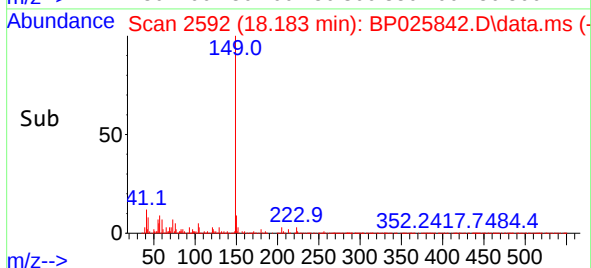
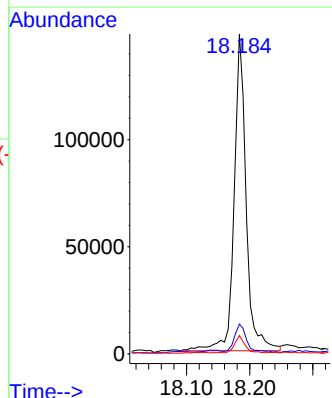
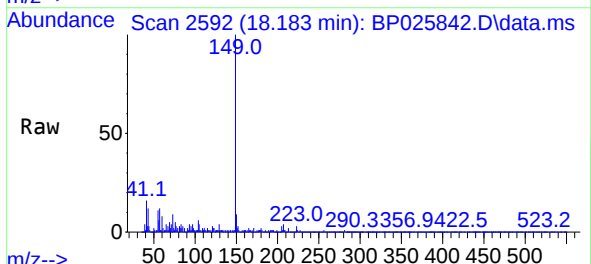
APPROVED

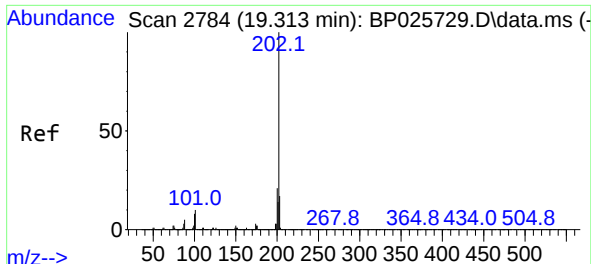
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#74
Di-n-butylphthalate
Concen: 3.153 ng
RT: 18.183 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

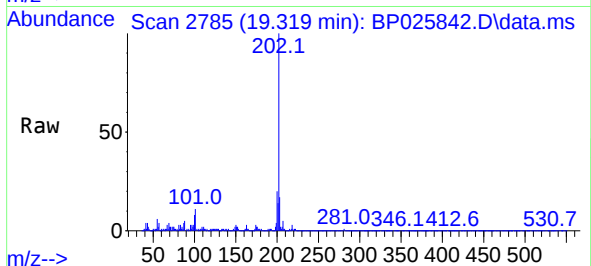
Tgt Ion:149 Resp: 195769
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.7 4.3 6.5





#75
Fluoranthene
Concen: 6.657 ng
RT: 19.319 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

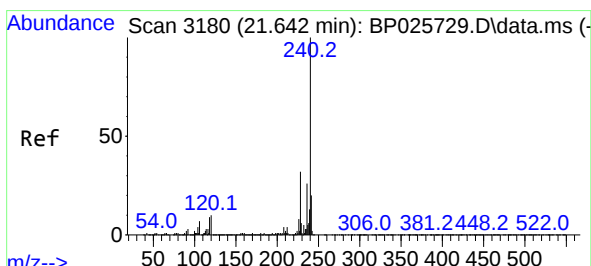
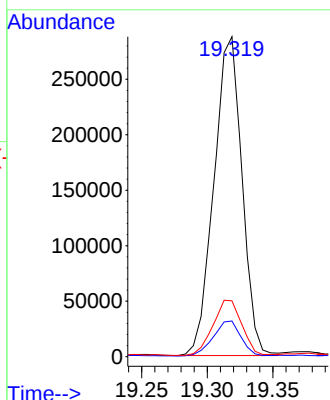
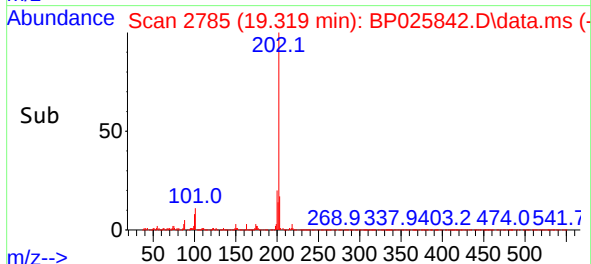
Instrument :
BNA_P
ClientSampleId :
Mid Site Grid 5-7



Tgt Ion:202 Resp: 42815
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.4
203 17.4 0.0 37.4

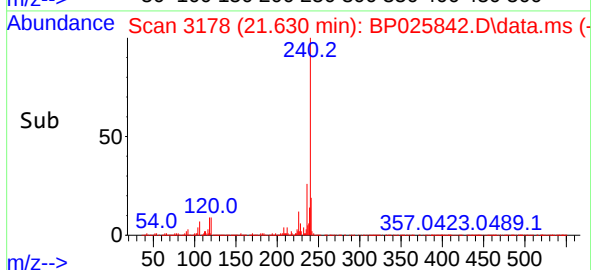
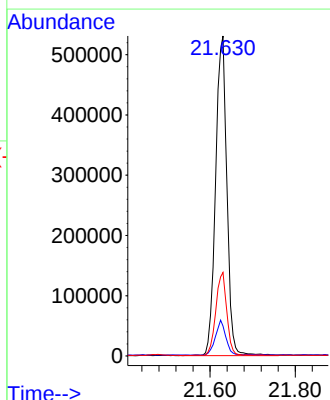
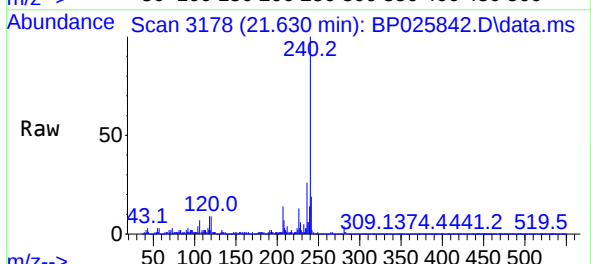
Manual Integrations
APPROVED

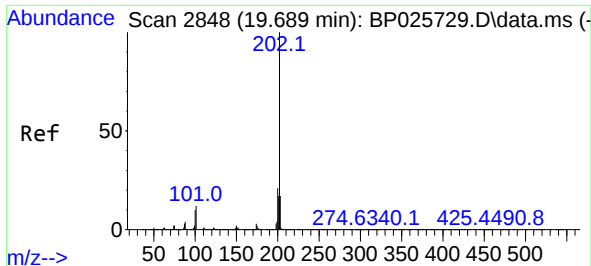
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

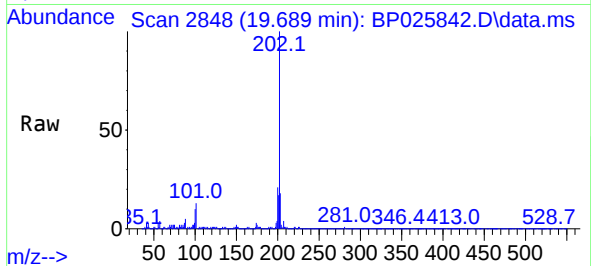
Tgt Ion:240 Resp: 975743
Ion Ratio Lower Upper
240 100
120 9.3 8.0 12.0
236 26.1 20.7 31.1





#78
Pyrene
Concen: 9.755 ng
RT: 19.689 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

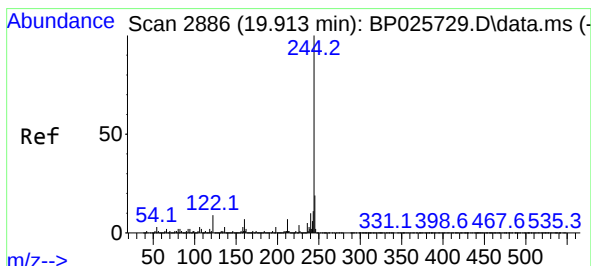
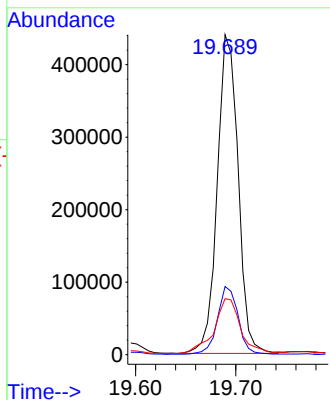
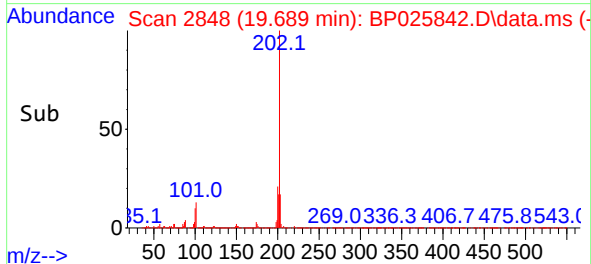
Instrument :
BNA_P
ClientSampleId :
Mid Site Grid 5-7



Tgt Ion:202 Resp: 63511
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.5 13.9 20.9

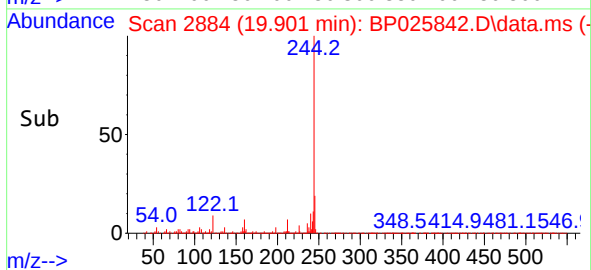
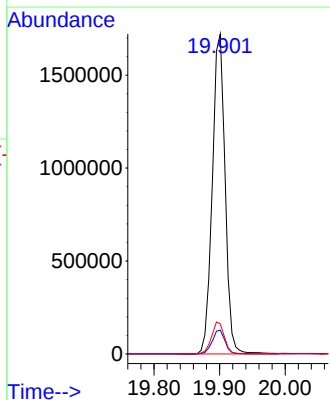
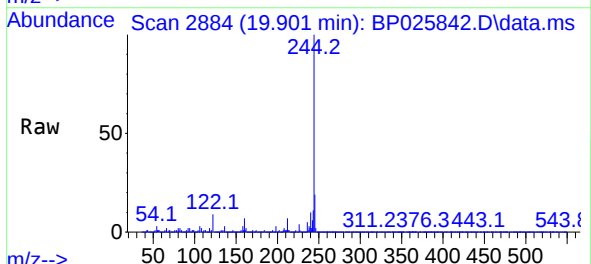
Manual Integrations
APPROVED

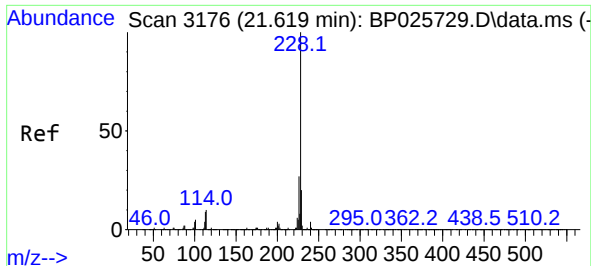
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#79
Terphenyl-d14
Concen: 43.023 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

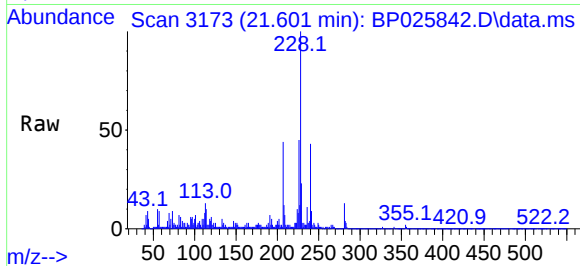
Tgt Ion:244 Resp: 2333518
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 9.4 7.1 10.7





#81
Benzo(a)anthracene
Concen: 4.786 ng m
RT: 21.601 min Scan# 3176
Delta R.T. -0.018 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

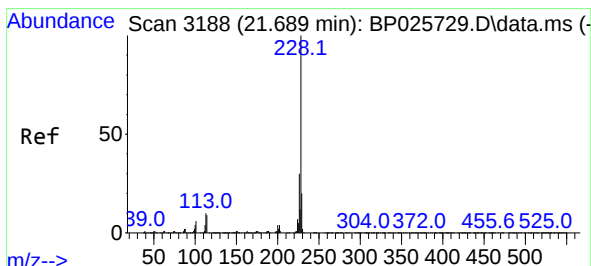
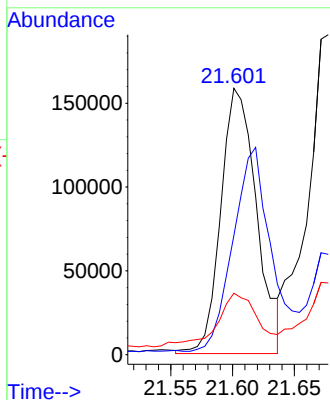
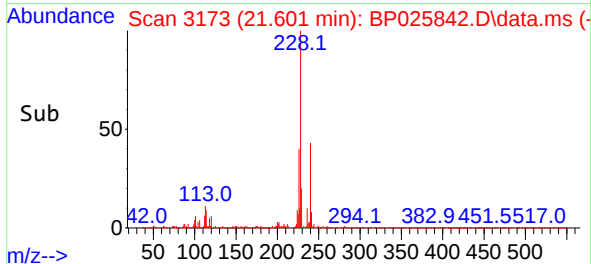
Instrument :
BNA_P
ClientSampleId :
Mid Site Grid 5-7



Tgt Ion:228 Resp: 31968
Ion Ratio Lower Upper
228 100
226 44.7 21.6 32.4
229 23.1 15.7 23.5

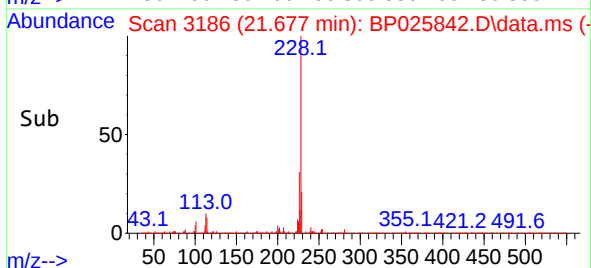
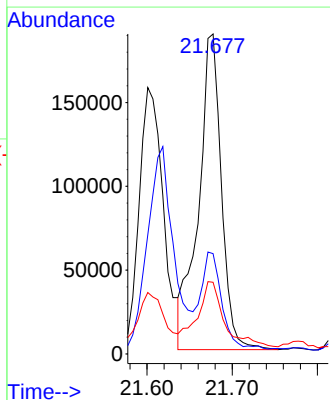
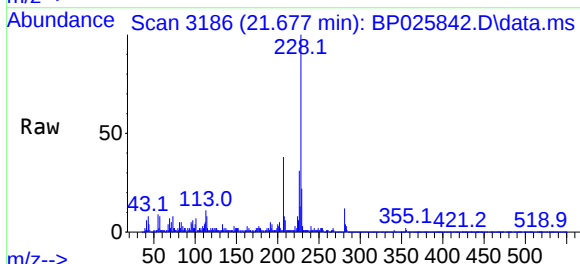
Manual Integrations
APPROVED

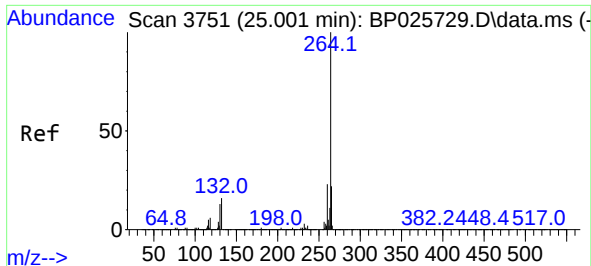
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#83
Chrysene
Concen: 5.553 ng
RT: 21.677 min Scan# 3186
Delta R.T. -0.012 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

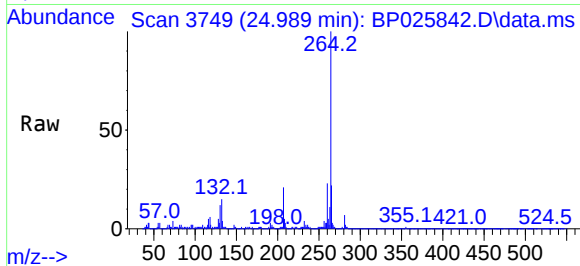
Tgt Ion:228 Resp: 353605
Ion Ratio Lower Upper
228 100
226 31.4 23.8 35.6
229 22.4 15.6 23.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

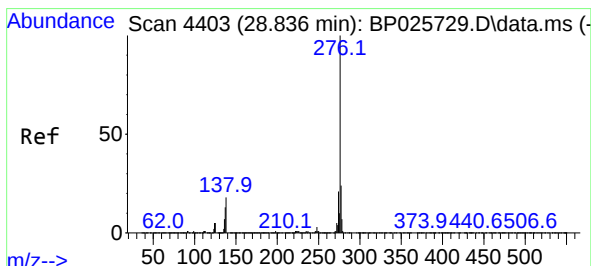
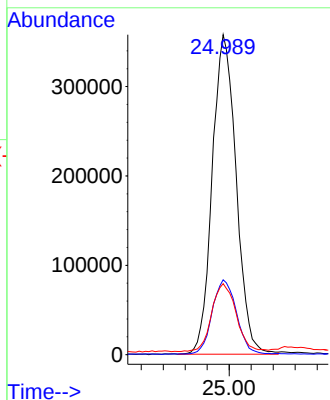
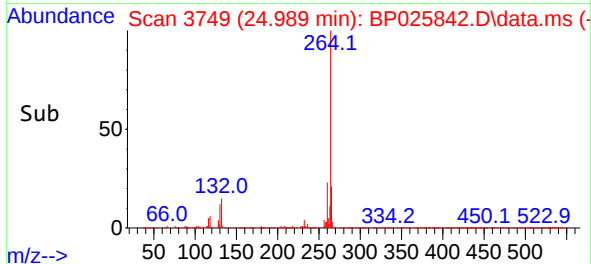
Instrument :
BNA_P
ClientSampleId :
Mid Site Grid 5-7



Tgt Ion:264 Resp: 1079829
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 22.2 17.3 25.9

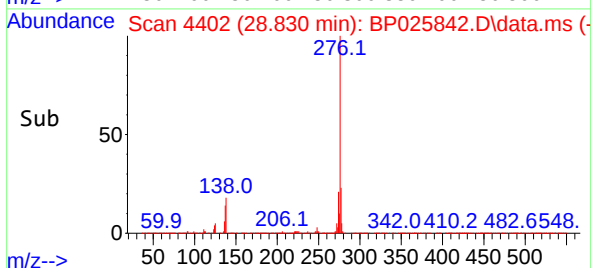
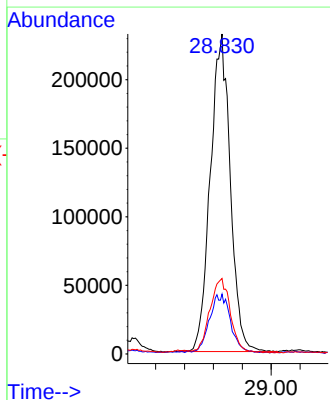
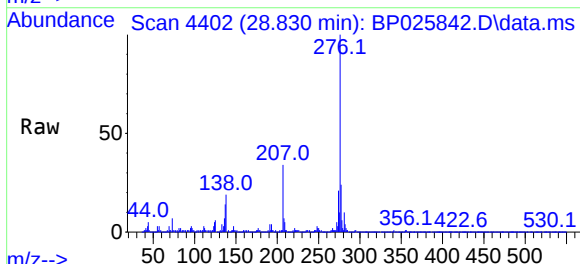
Manual Integrations
APPROVED

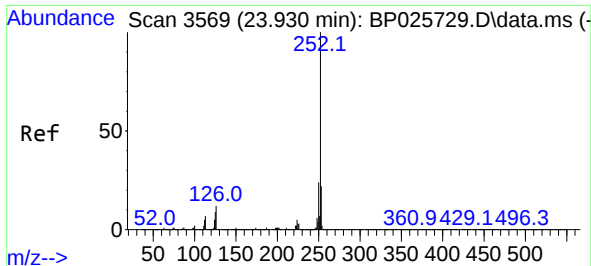
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 14.121 ng
RT: 28.830 min Scan# 4402
Delta R.T. -0.006 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

Tgt Ion:276 Resp: 1108901
Ion Ratio Lower Upper
276 100
138 10.2 13.4 20.2#
277 23.5 9.1 13.7#





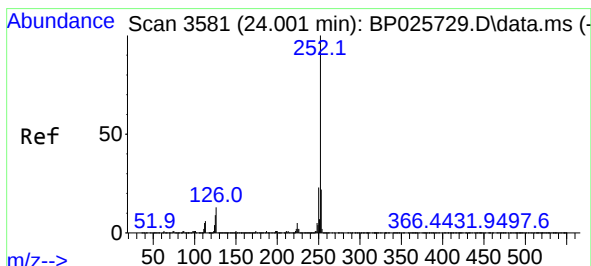
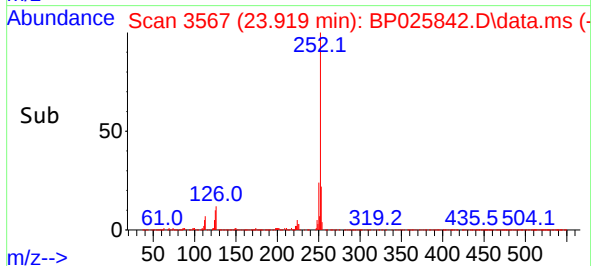
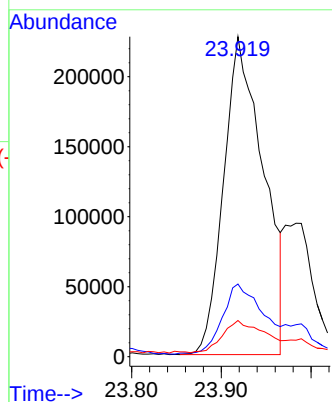
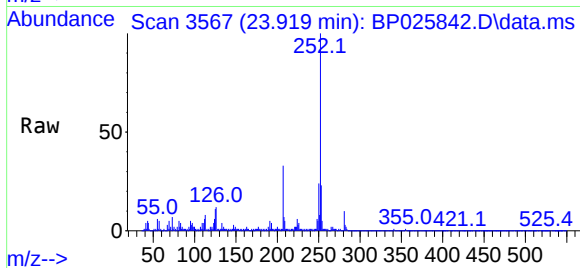
#88
Benzo(b)fluoranthene
Concen: 10.562 ng
RT: 23.919 min Scan# 3569
Delta R.T. -0.012 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

Instrument :
BNA_P
ClientSampleId :
Mid Site Grid 5-7

Tgt Ion:252 Resp: 69744
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 11.3 7.3 10.9

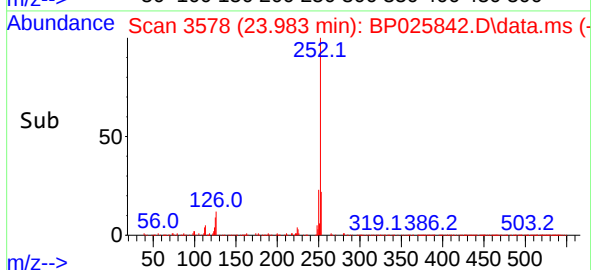
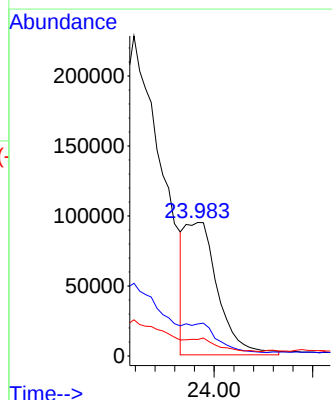
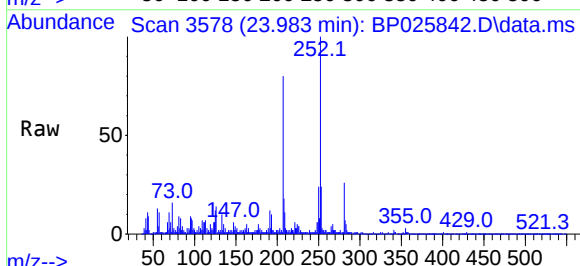
Manual Integrations
APPROVED

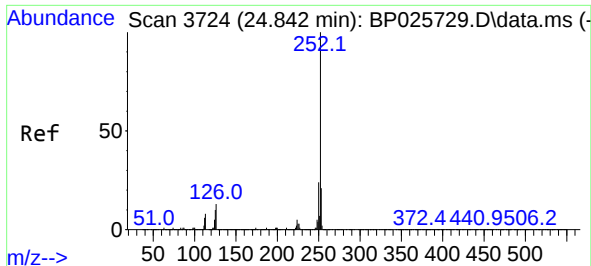
Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025



#89
Benzo(k)fluoranthene
Concen: 3.262 ng m
RT: 23.983 min Scan# 3578
Delta R.T. -0.018 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

Tgt Ion:252 Resp: 219783
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 12.3 7.5 11.3





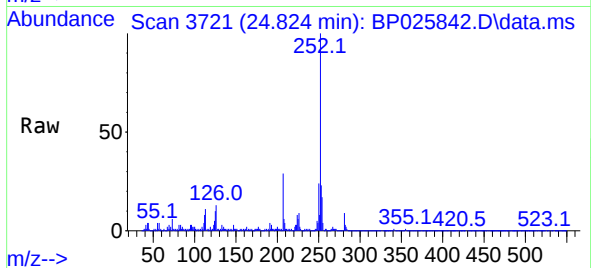
#90
Benzo(a)pyrene
Concen: 11.295 ng
RT: 24.824 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

Instrument :

BNA_P

ClientSampleId :

Mid Site Grid 5-7



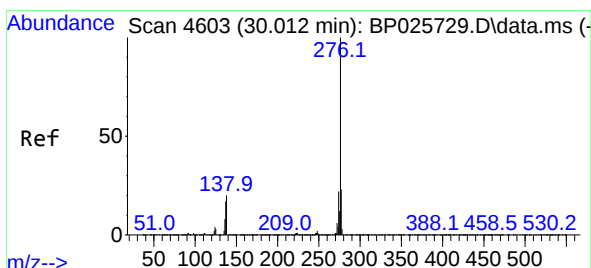
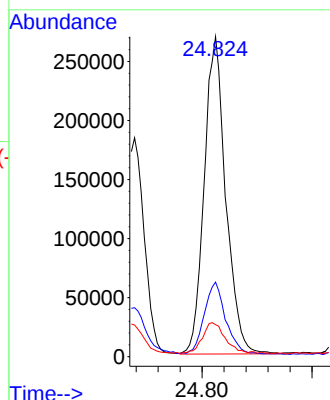
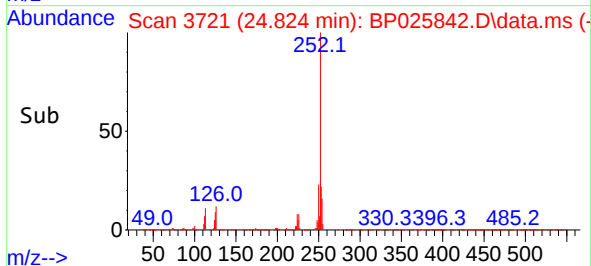
Tgt Ion:252 Resp: 730419
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 10.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/25/2025

Supervised By :Jagrut Upadhyay 09/25/2025



#92
Benzo(g,h,i)perylene
Concen: 26.370 ng
RT: 30.006 min Scan# 4602
Delta R.T. -0.006 min
Lab File: BP025842.D
Acq: 24 Sep 2025 12:24

Tgt Ion:276 Resp: 1666530
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 19.9 16.0 24.0

