

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026215.D
 Acq On : 02 Dec 2025 19:59
 Operator : RC/JU
 Sample : Q3742-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-19

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 03 00:22:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	241817	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	973069	20.000	ng	-0.02
39) Acenaphthene-d10	14.290	164	629073	20.000	ng	-0.04
64) Phenanthrene-d10	17.107	188	1276770	20.000	ng	-0.02
76) Chrysene-d12	21.548	240	1306666	20.000	ng	-0.02
86) Perylene-d12	24.830	264	1576459	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1392867	92.453	ng	0.00
7) Phenol-d6	6.843	99	1715769	89.457	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1027361	59.972	ng	-0.02
42) 2,4,6-Tribromophenol	15.813	330	778959	95.454	ng	-0.02
45) 2-Fluorobiphenyl	12.896	172	2585511	60.236	ng	-0.04
79) Terphenyl-d14	19.836	244	4245021	66.244	ng	-0.04
Target Compounds						Qvalue
71) Phenanthrene	17.148	178	146193	2.033	ng	99
75) Fluoranthene	19.242	202	344725	3.945	ng	99
78) Pyrene	19.613	202	361968	4.225	ng	98
81) Benzo(a)anthracene	21.530	228	252727m	2.816	ng	
83) Chrysene	21.595	228	237895	2.813	ng	97
88) Benzo(b)fluoranthene	23.789	252	291257	3.034	ng	96
90) Benzo(a)pyrene	24.683	252	252219	2.774	ng	96

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

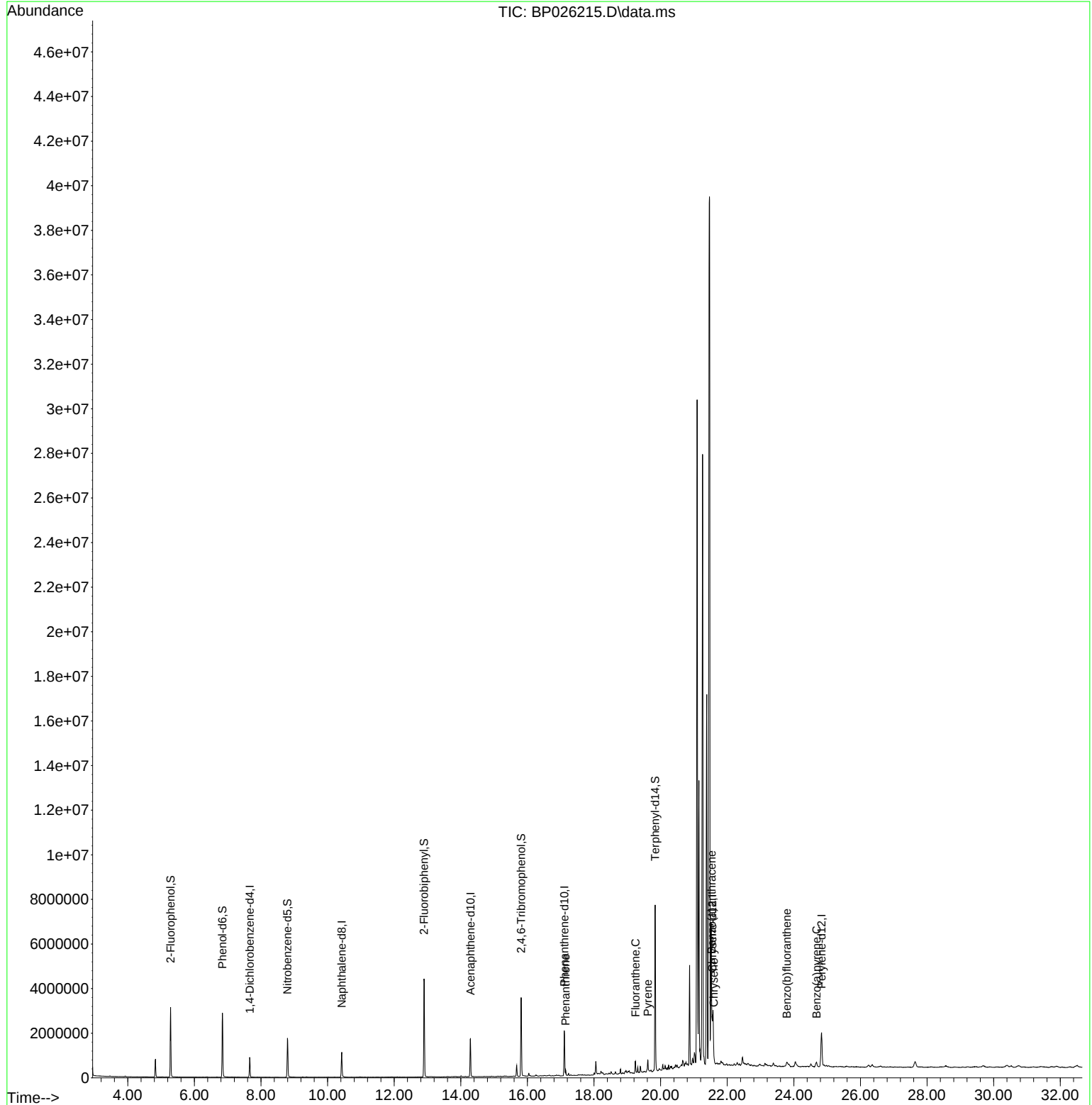
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026215.D
Acq On : 02 Dec 2025 19:59
Operator : RC/JU
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ALS Vial : 9 Sample Multiplier: 1

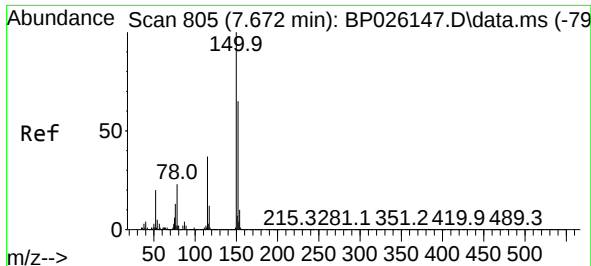
Instrument :
BNA_P
ClientSampleId :
SB-1125-19

Quant Time: Dec 03 00:22:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
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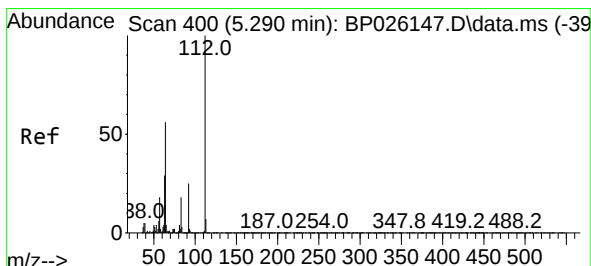
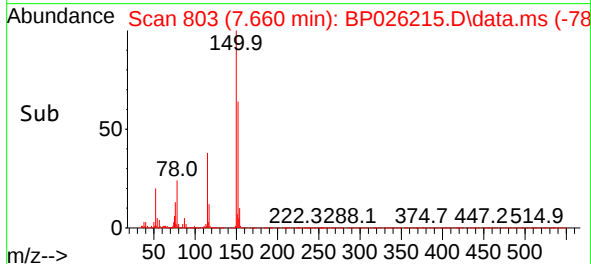
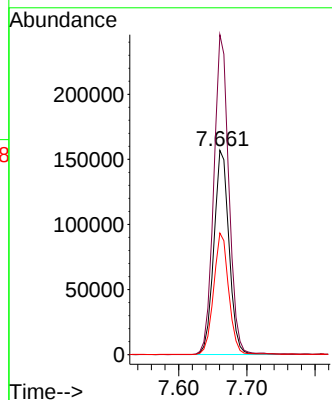
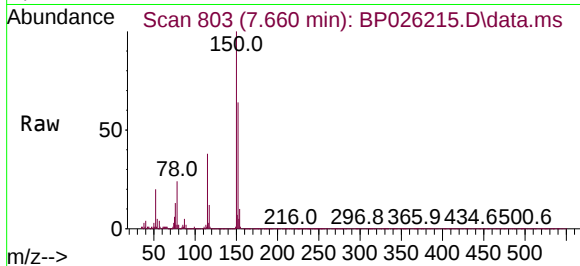
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Instrument :
BNA_P
ClientSampleId :
SB-1125-19

Tgt Ion:152 Resp: 24181
Ion Ratio Lower Upper
152 100
150 156.6 123.0 184.6
115 59.5 46.3 69.5

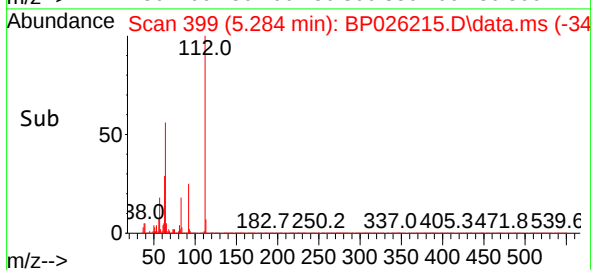
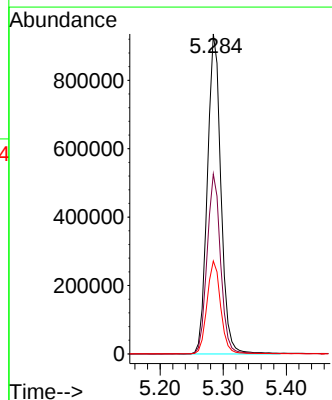
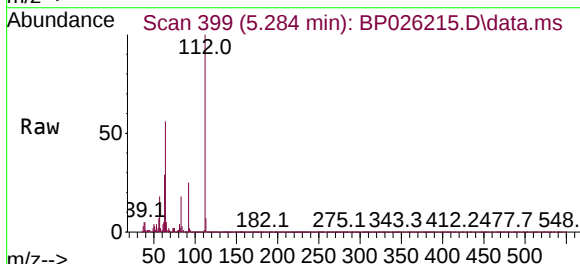
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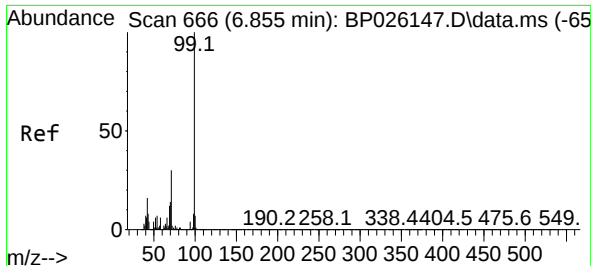
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Supervised By :Sohil Jodhani 12/03/2025



#5
2-Fluorophenol
Concen: 92.453 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

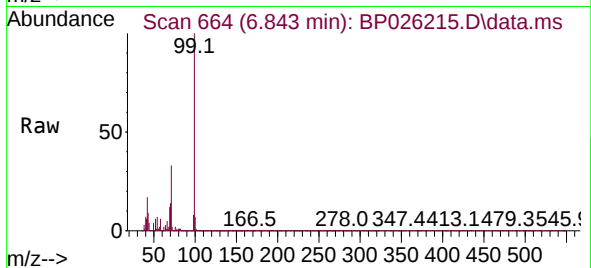
Tgt Ion:112 Resp: 1392867
Ion Ratio Lower Upper
112 100
64 56.2 45.8 68.6
63 29.0 23.5 35.3





#7
Phenol-d6
Concen: 89.457 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

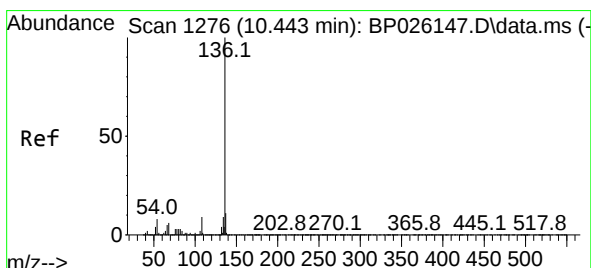
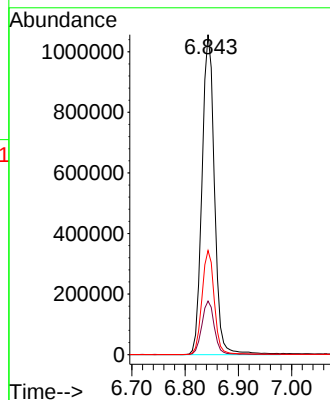
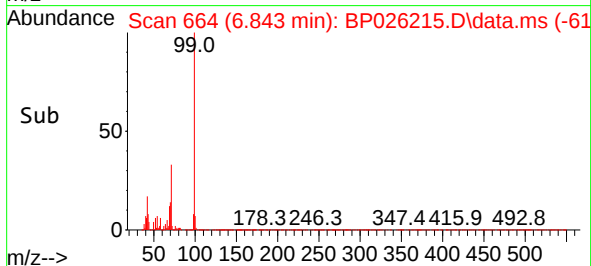
Instrument :
BNA_P
ClientSampleId :
SB-1125-19



Tgt Ion: 99 Resp: 1715769
Ion Ratio Lower Upper
99 100
42 16.7 12.9 19.3
71 32.5 24.8 37.2

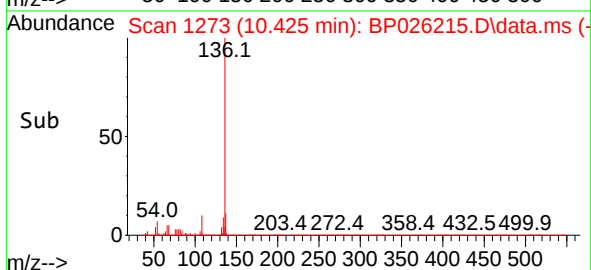
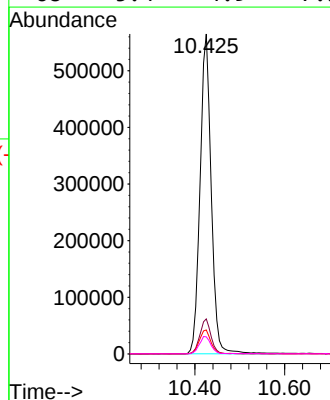
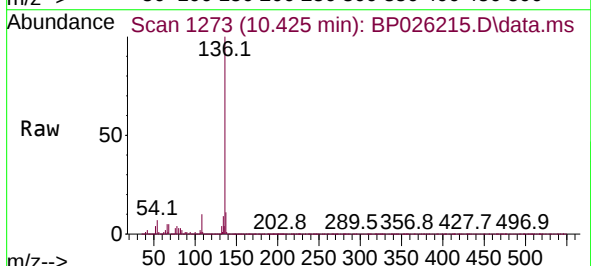
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.023 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Tgt Ion:136 Resp: 973069
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.5 6.4 9.6
68 5.4 4.9 7.3





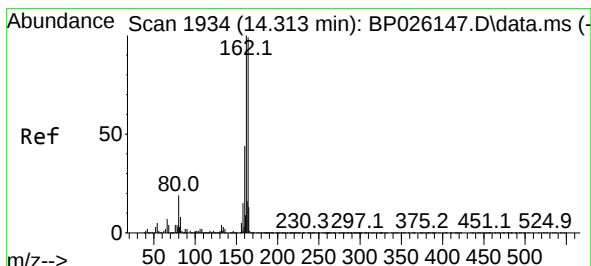
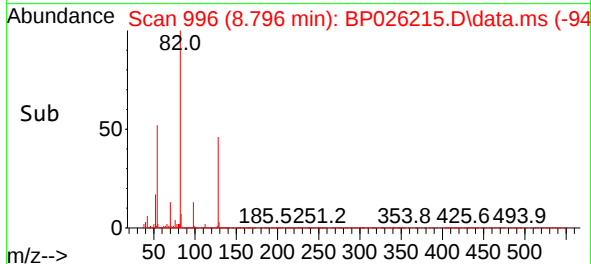
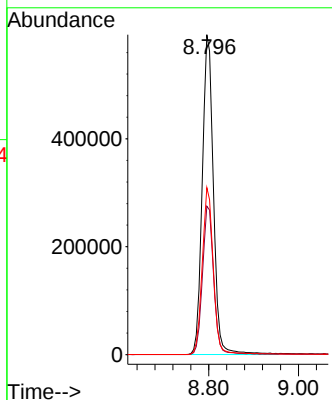
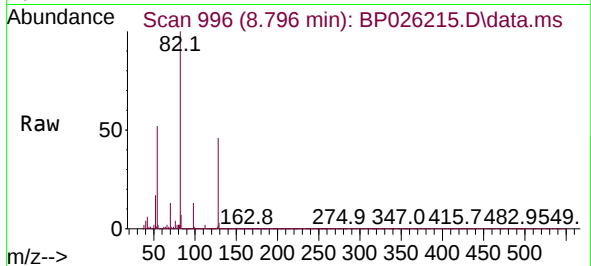
#23
Nitrobenzene-d5
Concen: 59.972 ng
RT: 8.796 min Scan# 999
Delta R.T. -0.017 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Instrument :
BNA_P
ClientSampleId :
SB-1125-19

Tgt Ion: 82 Resp: 102736
Ion Ratio Lower Upper
82 100
128 46.4 37.4 56.0
54 52.2 41.6 62.4

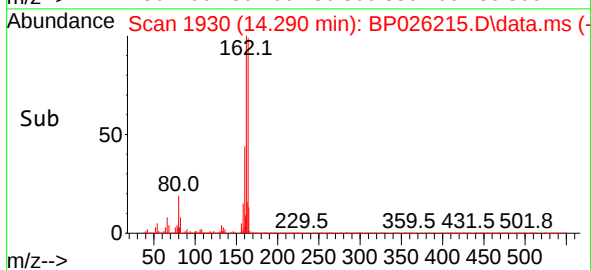
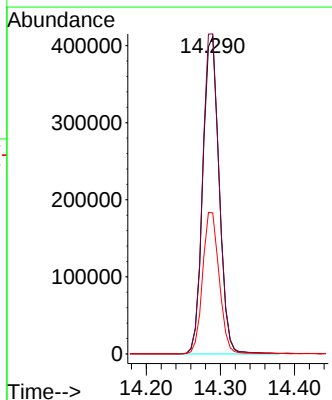
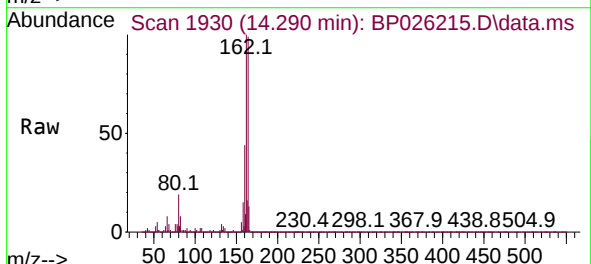
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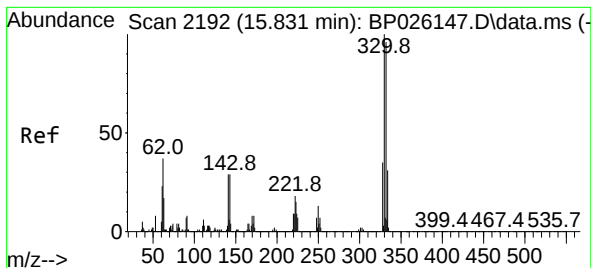
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.035 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

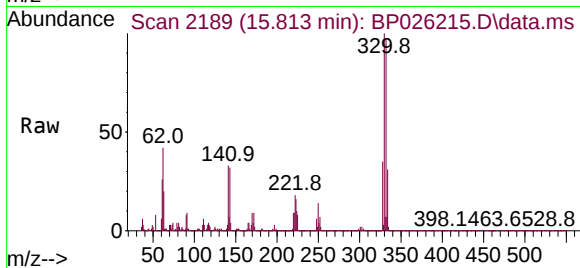
Tgt Ion:164 Resp: 629073
Ion Ratio Lower Upper
164 100
162 100.9 80.3 120.5
160 44.5 35.2 52.8





#42
2,4,6-Tribromophenol
Concen: 95.454 ng
RT: 15.813 min Scan# 2192
Delta R.T. -0.023 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

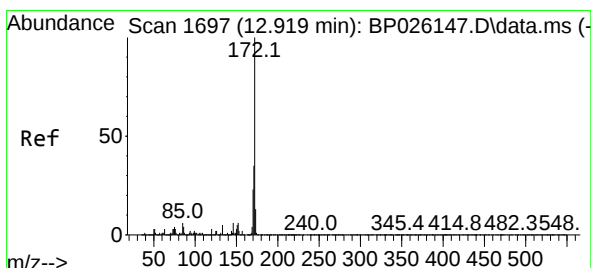
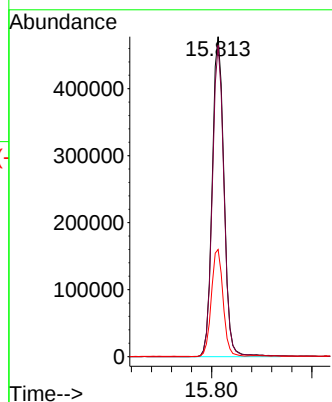
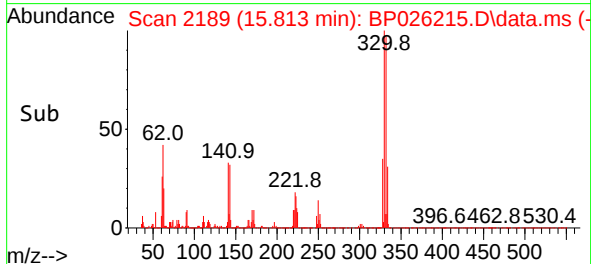
Instrument :
BNA_P
ClientSampleId :
SB-1125-19



Tgt Ion: 330 Resp: 778959
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 33.3 26.8 40.2

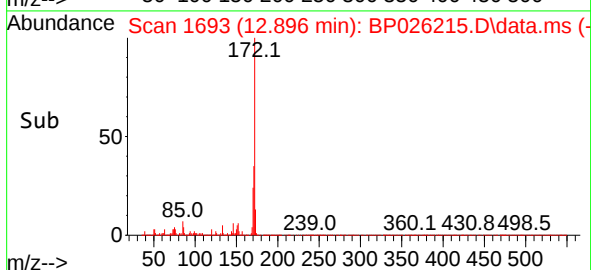
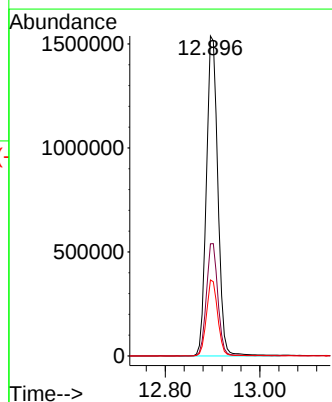
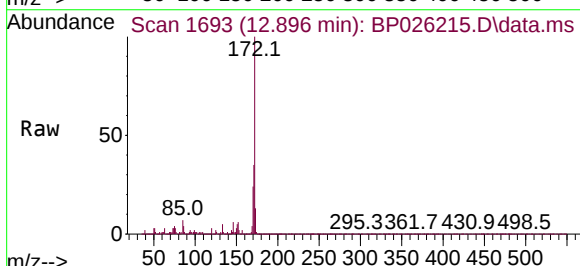
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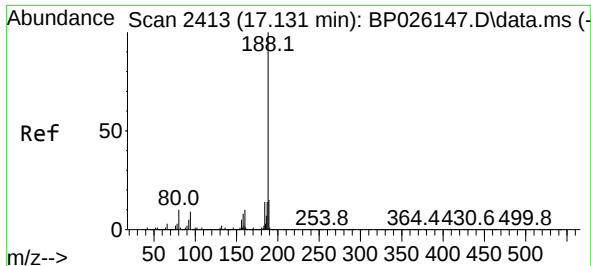
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Supervised By :Sohil Jodhani 12/03/2025



#45
2-Fluorobiphenyl
Concen: 60.236 ng
RT: 12.896 min Scan# 1693
Delta R.T. -0.035 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Tgt Ion: 172 Resp: 2585511
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.7 18.7 28.1





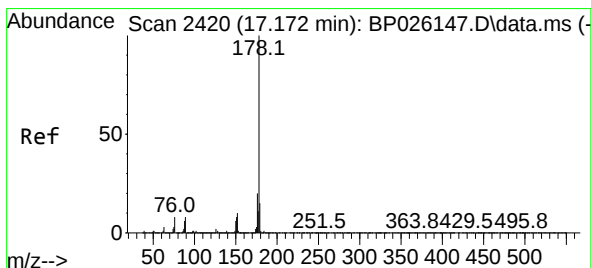
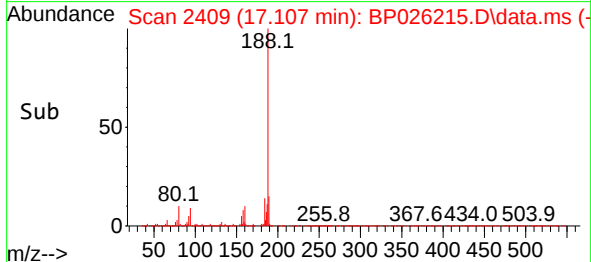
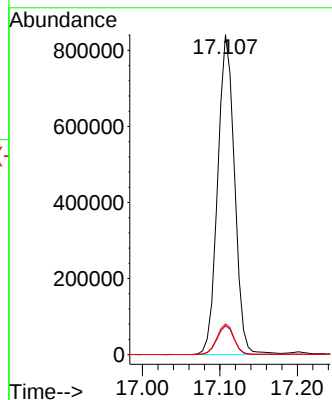
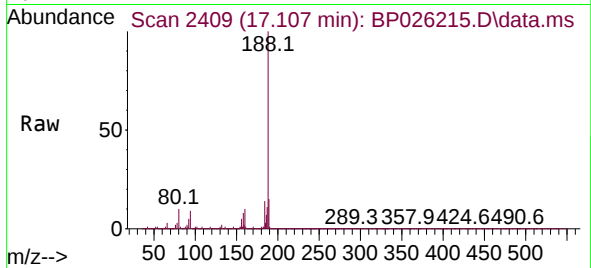
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.107 min Scan# 2413
Delta R.T. -0.023 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Instrument :
BNA_P
ClientSampleId :
SB-1125-19

Tgt Ion:188 Resp: 1276770
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 9.6 8.2 12.2

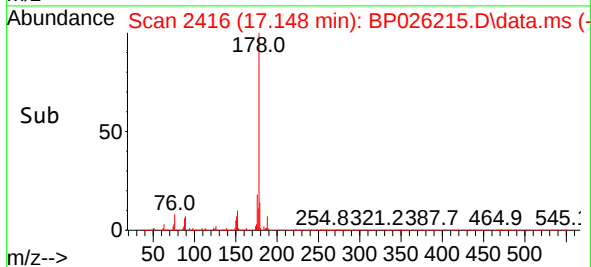
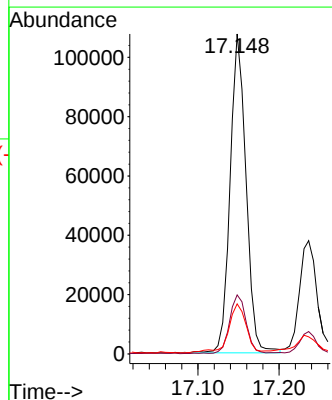
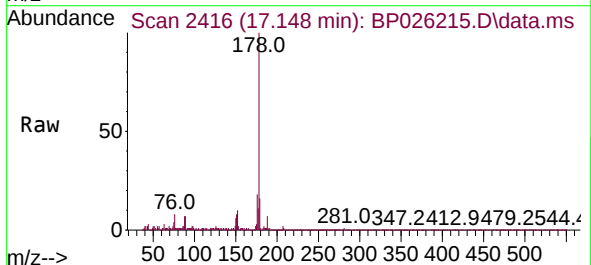
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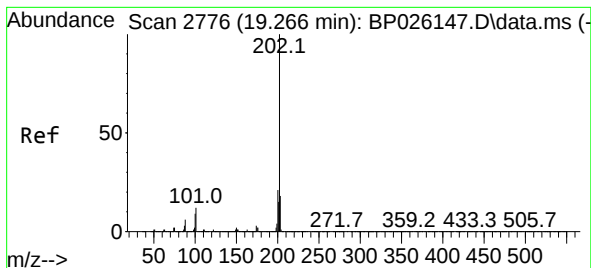
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Supervised By :Sohil Jodhani 12/03/2025



#71
Phenanthrene
Concen: 2.033 ng
RT: 17.148 min Scan# 2416
Delta R.T. -0.029 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Tgt Ion:178 Resp: 146193
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.6 12.4 18.6





#75

Fluoranthene

Concen: 3.945 ng

RT: 19.242 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP026215.D

Acq: 02 Dec 2025 19:59

Instrument :

BNA_P

ClientSampleId :

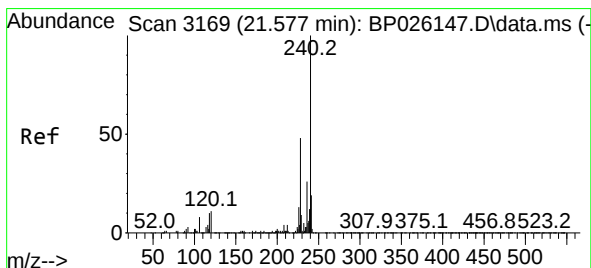
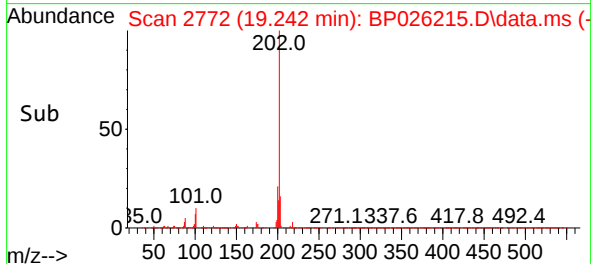
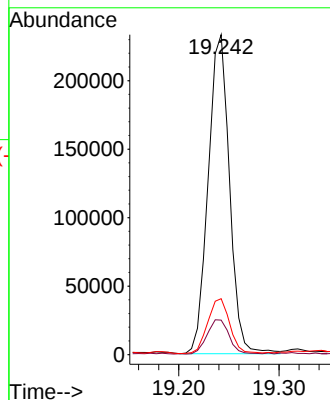
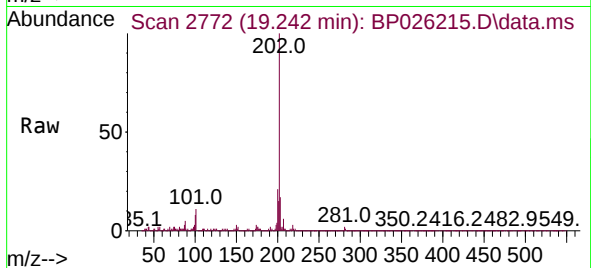
SB-1125-19

Tgt Ion:	202	Resp:	344725
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.2
203	17.5	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

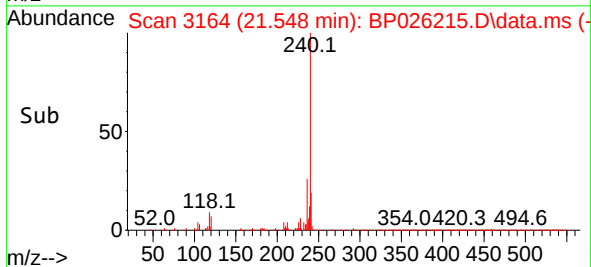
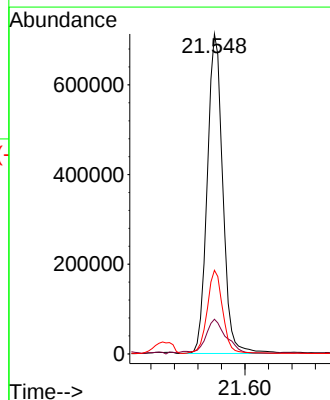
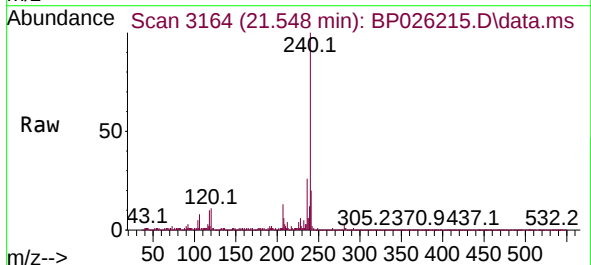
RT: 21.548 min Scan# 3164

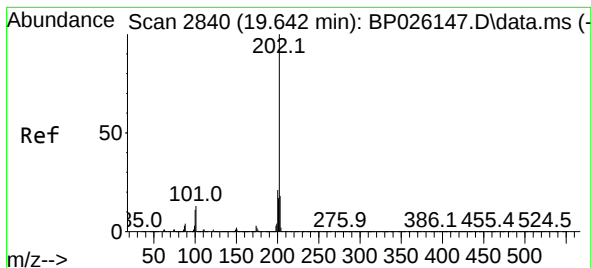
Delta R.T. -0.023 min

Lab File: BP026215.D

Acq: 02 Dec 2025 19:59

Tgt Ion:	240	Resp:	1306666
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.0	13.4
236	26.1	20.4	30.6





#78

Pyrene

Concen: 4.225 ng

RT: 19.613 min Scan# 2835

Delta R.T. -0.029 min

Lab File: BP026215.D

Acq: 02 Dec 2025 19:59

Instrument :

BNA_P

ClientSampleId :

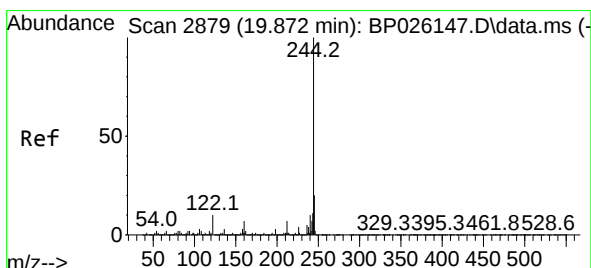
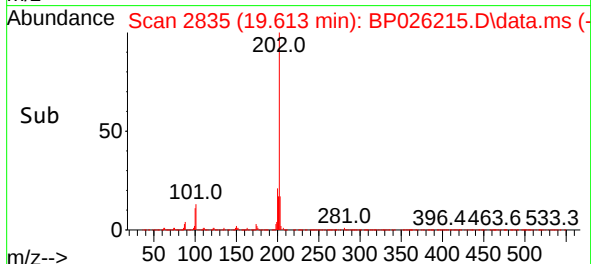
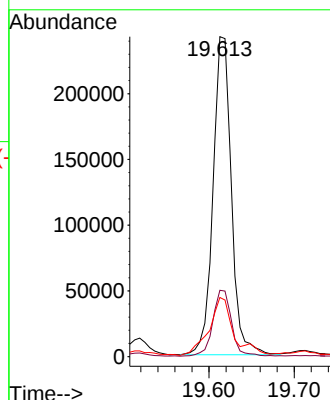
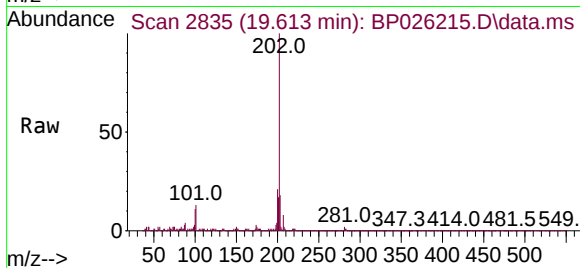
SB-1125-19

Tgt Ion:	202	Resp:	361968
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.9	25.3
203	18.5	13.8	20.8

Manual Integrations

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#79

Terphenyl-d14

Concen: 66.244 ng

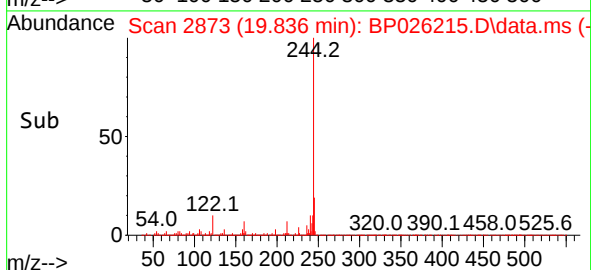
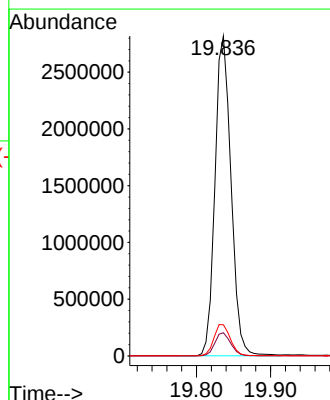
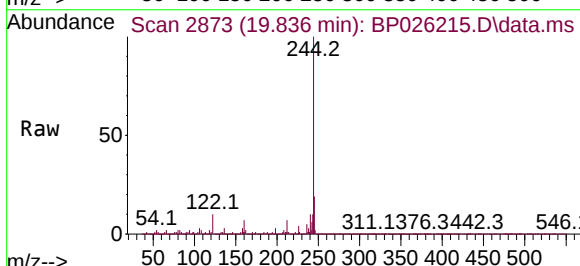
RT: 19.836 min Scan# 2873

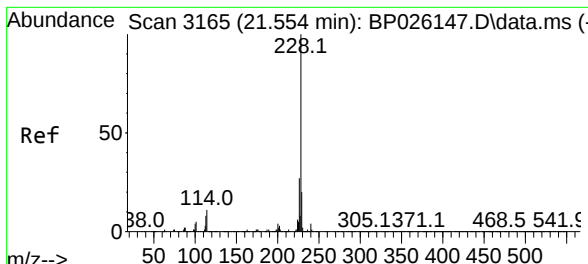
Delta R.T. -0.035 min

Lab File: BP026215.D

Acq: 02 Dec 2025 19:59

Tgt Ion:	244	Resp:	4245021
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	9.8	8.2	12.2





#81
 Benzo(a)anthracene
 Concen: 2.816 ng m
 RT: 21.530 min Scan# 3161
 Delta R.T. -0.023 min
 Lab File: BP026215.D
 Acq: 02 Dec 2025 19:59

Instrument :

BNA_P

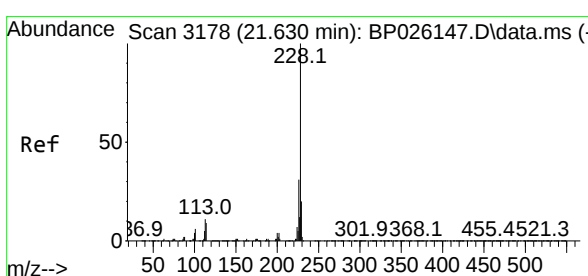
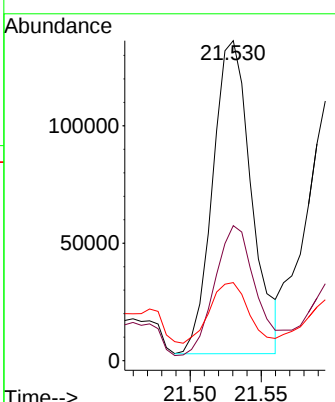
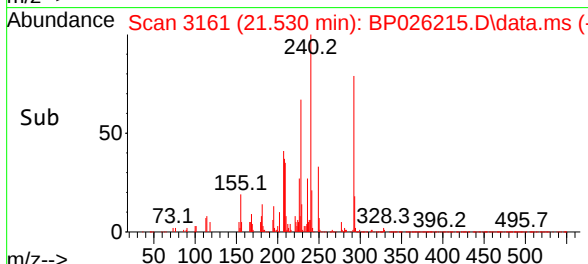
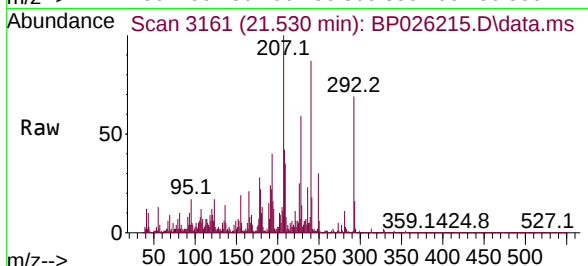
ClientSampleId :

SB-1125-19

Tgt Ion:	228	Resp:	25272
Ion Ratio	Lower	Upper	
228	100		
226	42.2	21.8	32.8
229	24.4	15.9	23.9

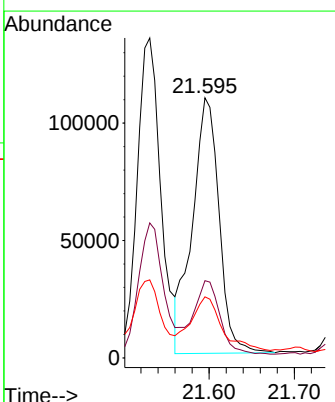
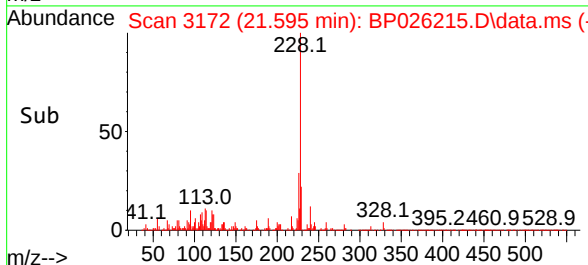
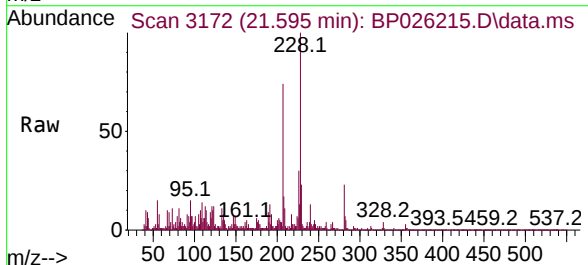
Manual Integrations
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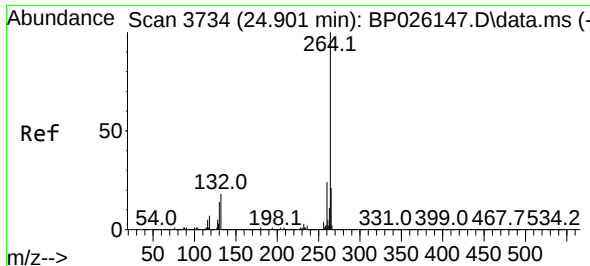
Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025



#83
 Chrysene
 Concen: 2.813 ng
 RT: 21.595 min Scan# 3172
 Delta R.T. -0.023 min
 Lab File: BP026215.D
 Acq: 02 Dec 2025 19:59

Tgt Ion:	228	Resp:	237895
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.9	35.9
229	23.5	15.9	23.9





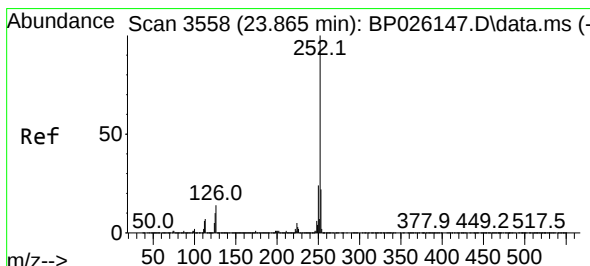
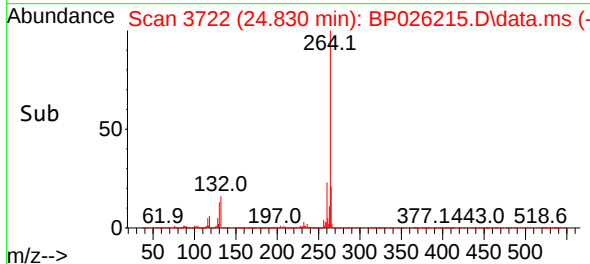
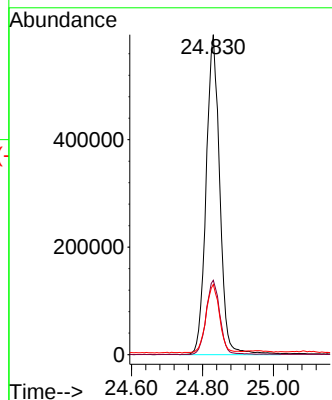
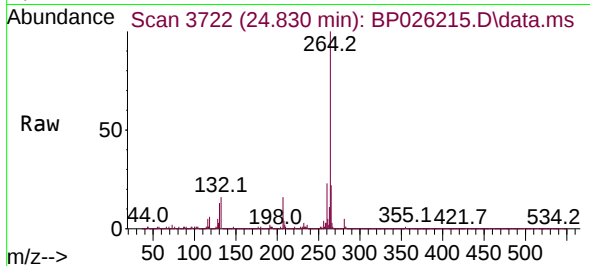
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 31
Delta R.T. -0.076 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Instrument :
BNA_P
ClientSampleId :
SB-1125-19

Tgt Ion:264 Resp: 1576459
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.9 17.5 26.3

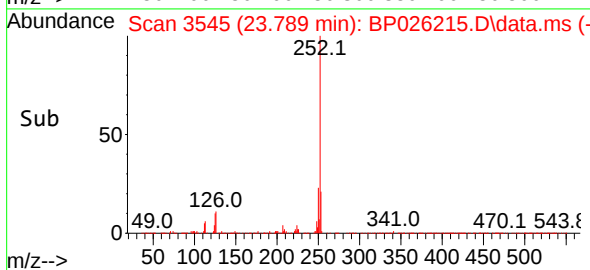
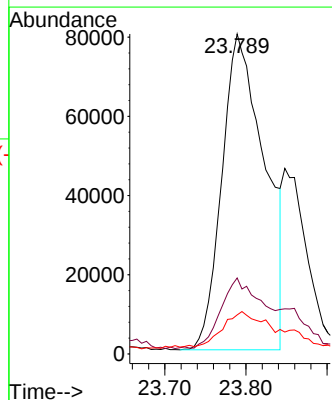
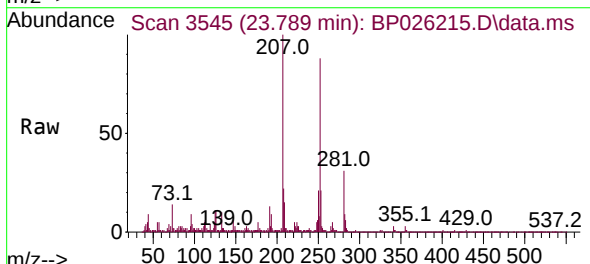
Manual Integrations
APPROVED

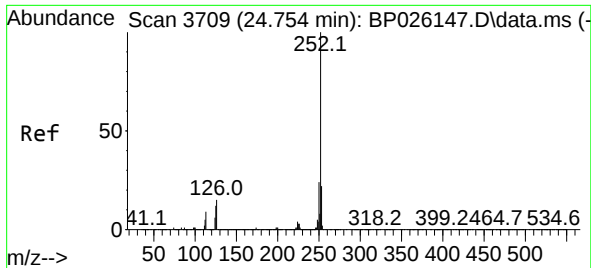
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#88
Benzo(b)fluoranthene
Concen: 3.034 ng
RT: 23.789 min Scan# 3545
Delta R.T. -0.076 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

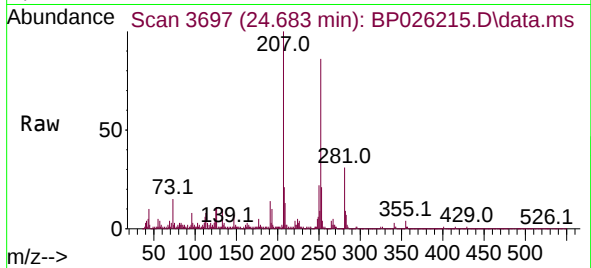
Tgt Ion:252 Resp: 291257
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 12.2 8.2 12.4





#90
Benzo(a)pyrene
Concen: 2.774 ng
RT: 24.683 min Scan# 30
Delta R.T. -0.070 min
Lab File: BP026215.D
Acq: 02 Dec 2025 19:59

Instrument :
BNA_P
ClientSampleId :
SB-1125-19



Tgt Ion:252 Resp: 252219
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 12.1 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

