

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
 Data File : BE101589.D
 Acq On : 12 Nov 2024 23:25
 Operator : RC/JU
 Sample : P4739-09DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-B2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 13 00:19:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	52986	20.000	ng	0.00
21) Naphthalene-d8	10.325	136	247444	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	164286	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	339948	20.000	ng	0.00
76) Chrysene-d12	21.065	240	335442	20.000	ng	-0.01
86) Perylene-d12	23.351	264	433450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.313	112	55109	18.390	ng	0.00
7) Phenol-d6	6.941	99	75062	18.269	ng	0.00
23) Nitrobenzene-d5	8.768	82	48142	12.289	ng	0.00
42) 2,4,6-Tribromophenol	15.672	330	48092	15.557	ng	-0.01
45) 2-Fluorobiphenyl	12.787	172	133246	13.243	ng	-0.01
79) Terphenyl-d14	19.491	244	218237	14.401	ng	-0.01
Target Compounds					Qvalue	
31) Naphthalene	10.372	128	283444	22.690	ng	98
37) 2-Methylnaphthalene	11.964	142	164094	18.494	ng	100
38) 1-Methylnaphthalene	12.188	142	79990m	9.040	ng	
78) Pyrene	19.320	202	42429	2.223	ng	98

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

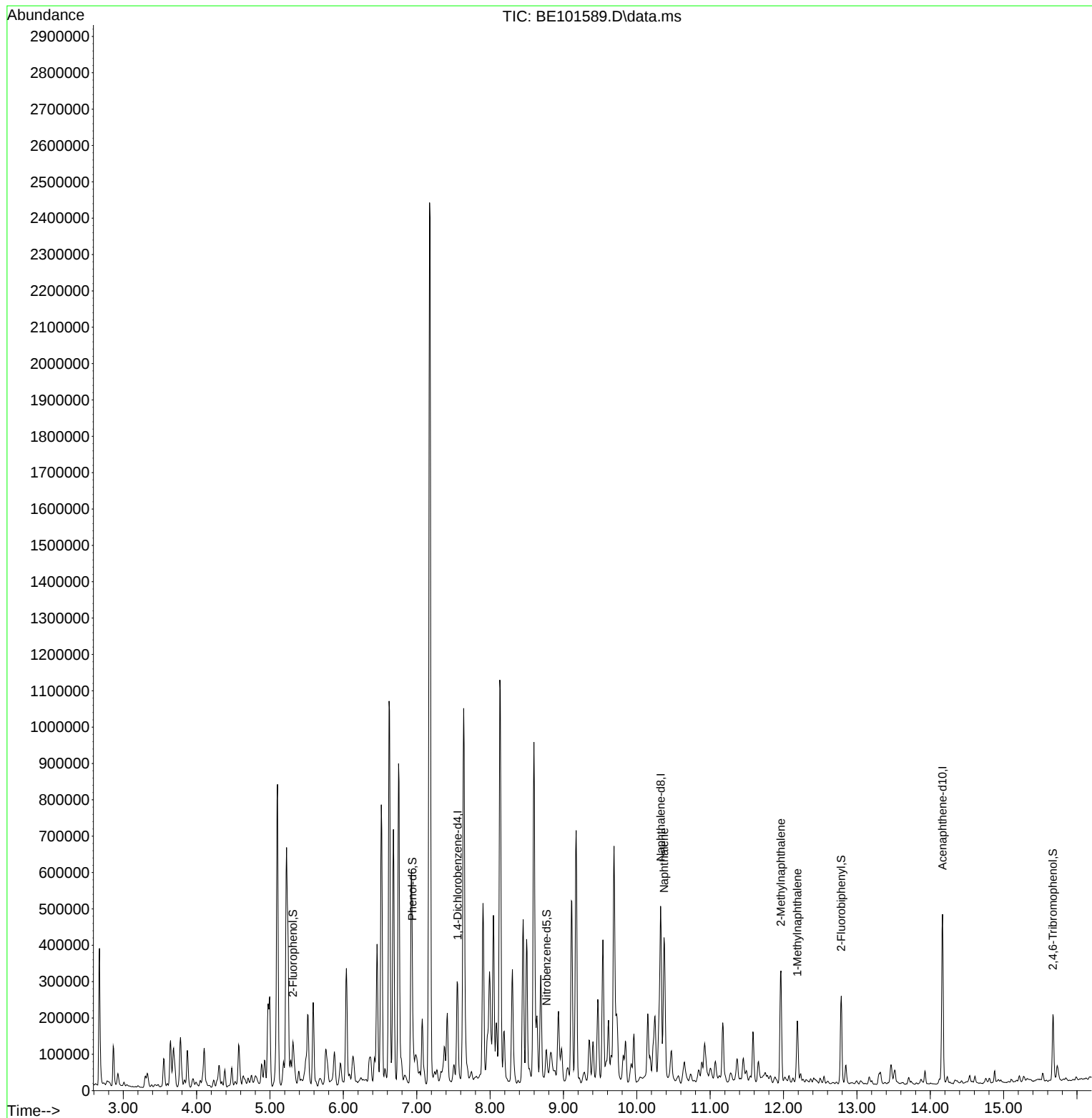
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
Data File : BE101589.D
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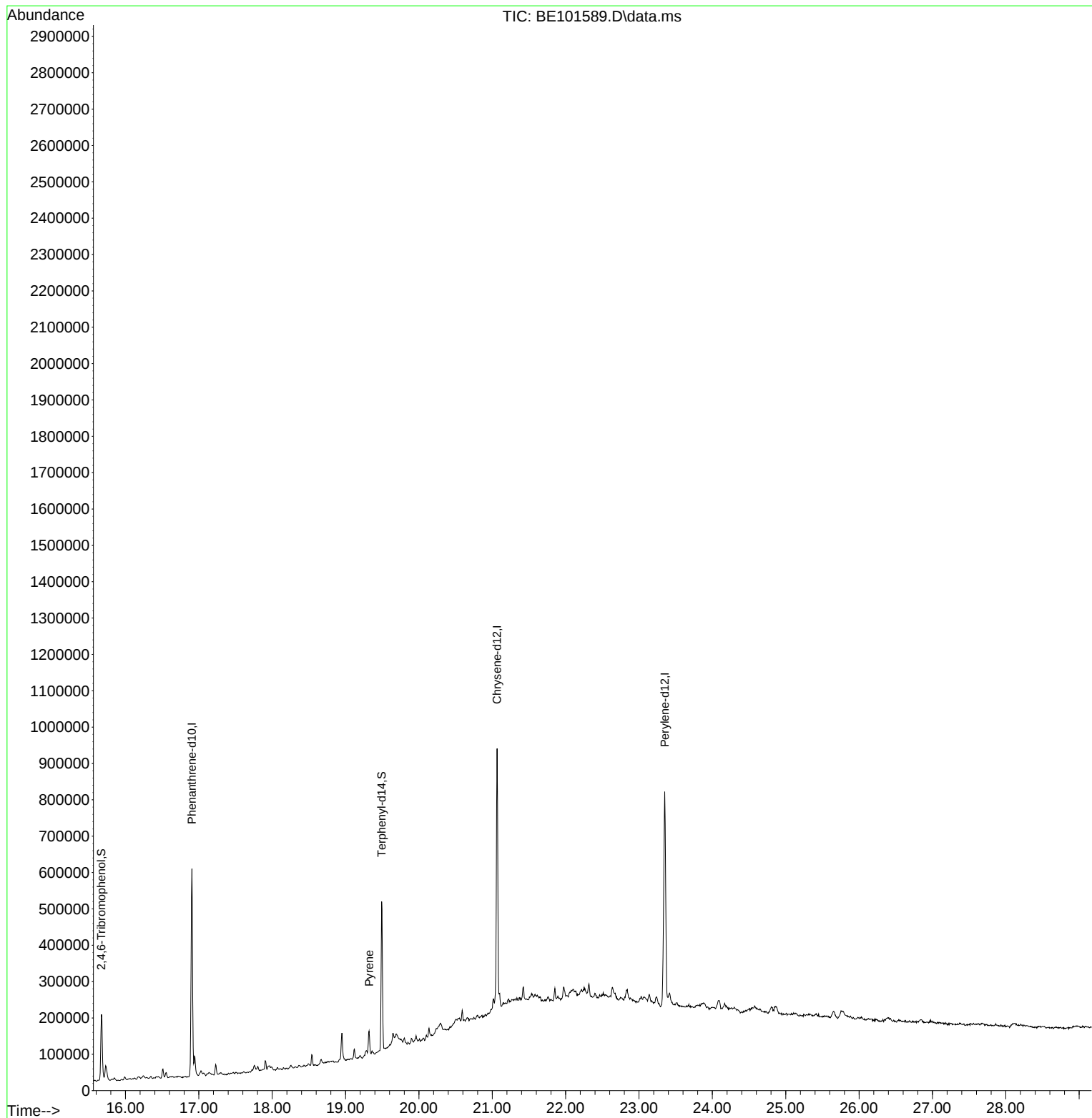
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
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ALS Vial : 16 Sample Multiplier: 1

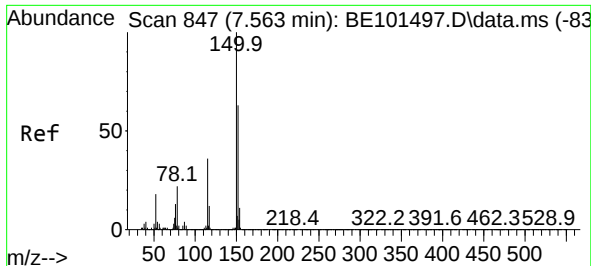
Instrument :
BNA_E
ClientSampleId :
BP-B2DL

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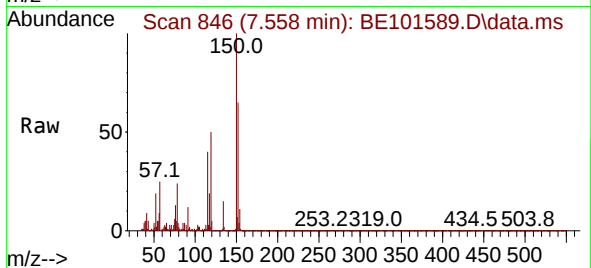
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 847
Delta R.T. -0.005 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

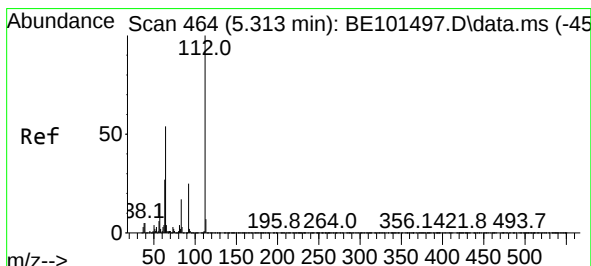
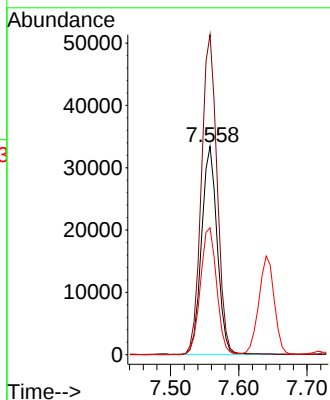
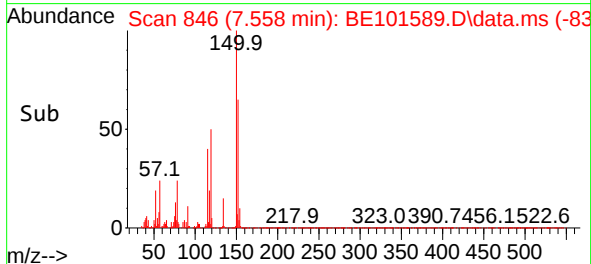
Instrument :
BNA_E
ClientSampleId :
BP-B2DL



Tgt Ion:152 Resp: 52980
Ion Ratio Lower Upper
152 100
150 153.6 126.3 189.5
115 60.9 45.0 67.4

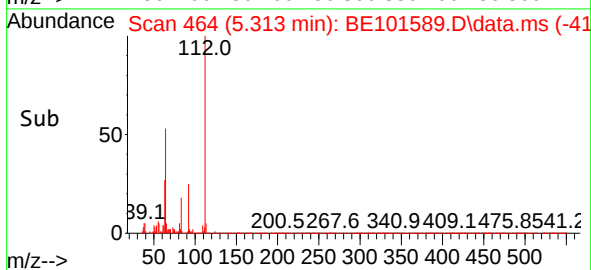
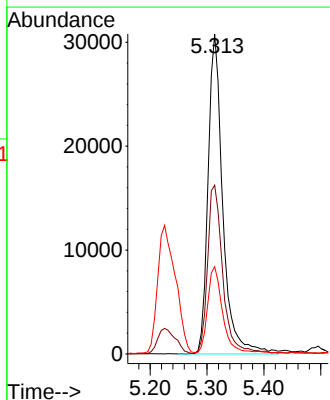
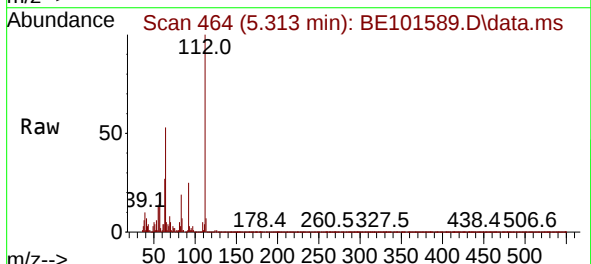
Manual Integrations
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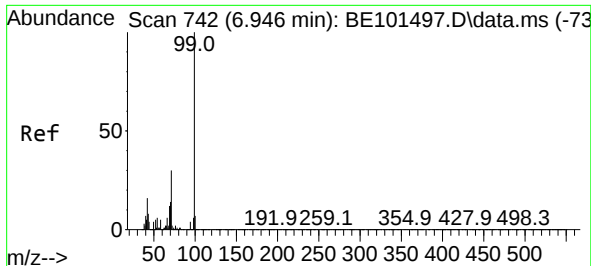
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#5
2-Fluorophenol
Concen: 18.390 ng
RT: 5.313 min Scan# 464
Delta R.T. 0.000 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Tgt Ion:112 Resp: 55109
Ion Ratio Lower Upper
112 100
64 52.8 43.2 64.8
63 27.2 21.8 32.6





#7

Phenol-d6

Concen: 18.269 ng

RT: 6.941 min Scan# 741

Delta R.T. -0.005 min

Lab File: BE101589.D

Acq: 12 Nov 2024 23:25

Instrument :

BNA_E

ClientSampleId :

BP-B2DL

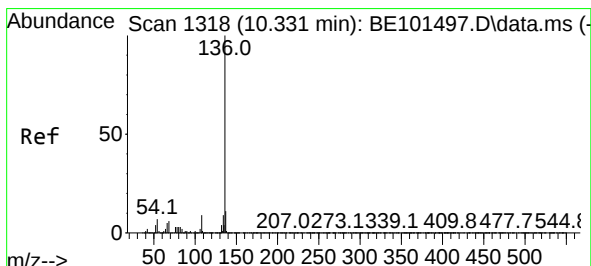
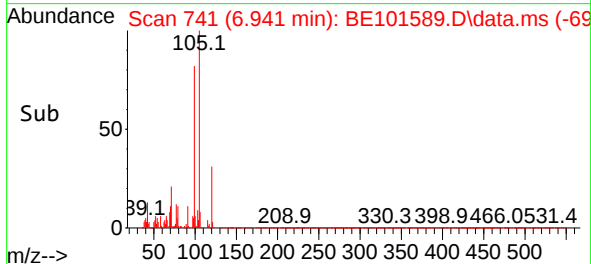
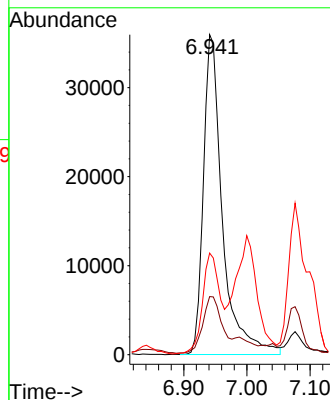
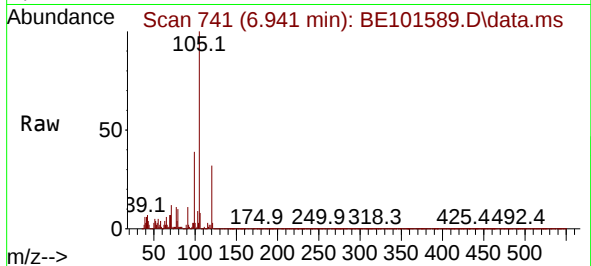
Tgt Ion: 99	Resp: 75062
Ion Ratio	Lower Upper
99 100	
42 18.1	12.5 18.7
71 31.8	24.2 36.2

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.000 ng

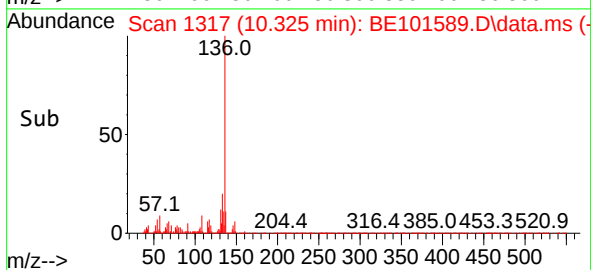
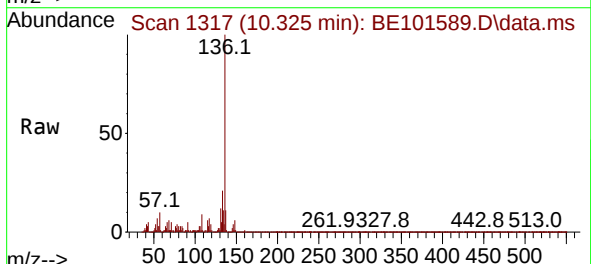
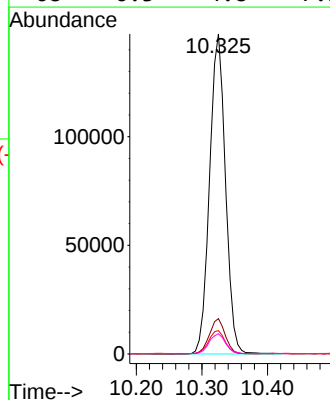
RT: 10.325 min Scan# 1317

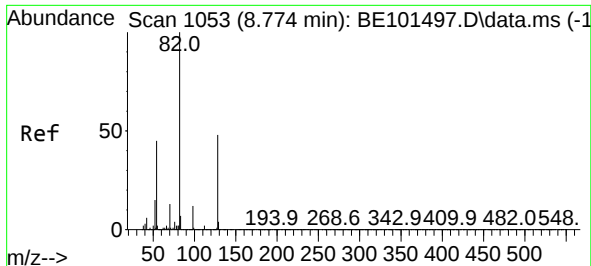
Delta R.T. -0.005 min

Lab File: BE101589.D

Acq: 12 Nov 2024 23:25

Tgt Ion:136	Resp: 247444
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 7.3	5.6 8.4
68 6.3	4.8 7.2





#23
Nitrobenzene-d5
Concen: 12.289 ng
RT: 8.768 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Instrument :

BNA_E

ClientSampleId :

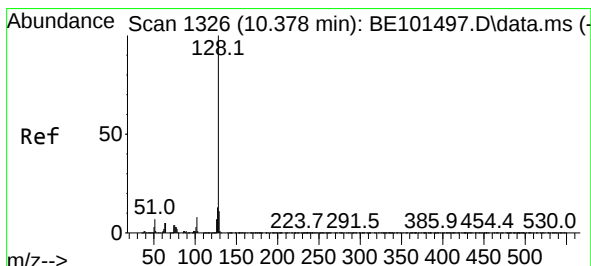
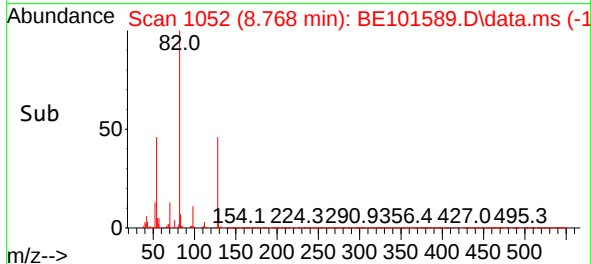
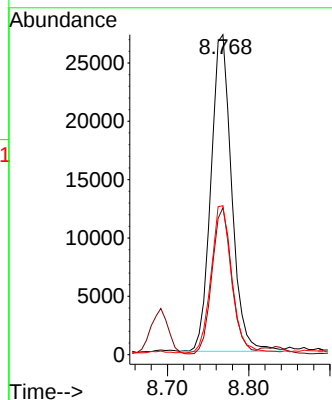
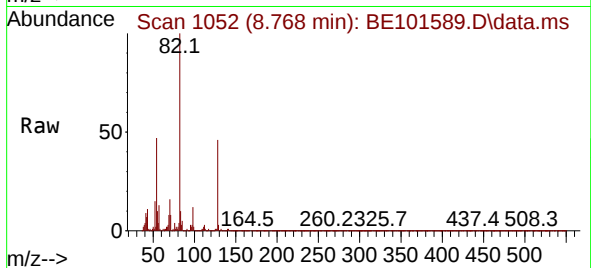
BP-B2DL

Tgt Ion: 82 Resp: 4814
Ion Ratio Lower Upper
82 100
128 45.9 38.6 58.0
54 46.6 36.3 54.5

Manual Integrations

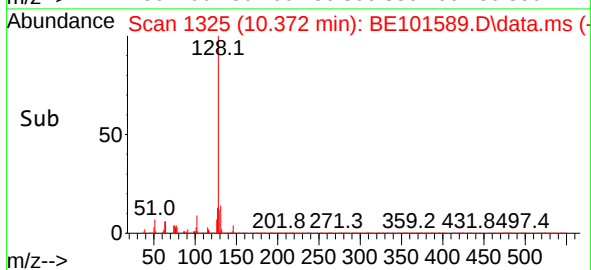
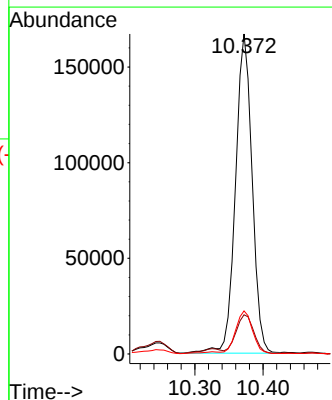
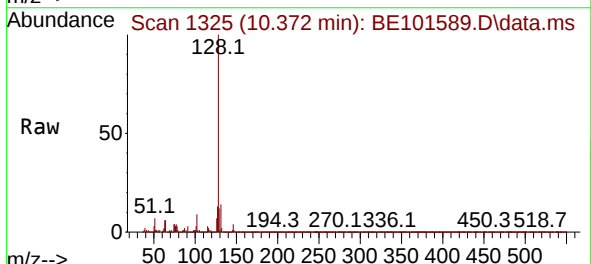
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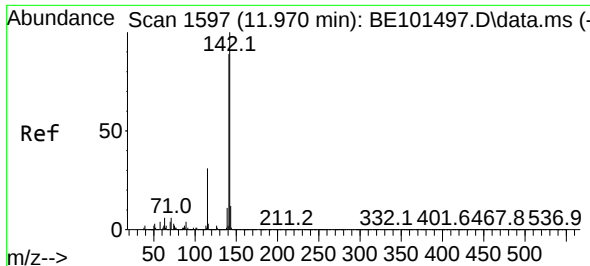
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#31
Naphthalene
Concen: 22.690 ng
RT: 10.372 min Scan# 1325
Delta R.T. -0.005 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Tgt Ion:128 Resp: 283444
Ion Ratio Lower Upper
128 100
129 12.3 8.9 13.3
127 13.5 10.3 15.5





#37
2-Methylnaphthalene
Concen: 18.494 ng
RT: 11.964 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Instrument :

BNA_E

ClientSampleId :

BP-B2DL

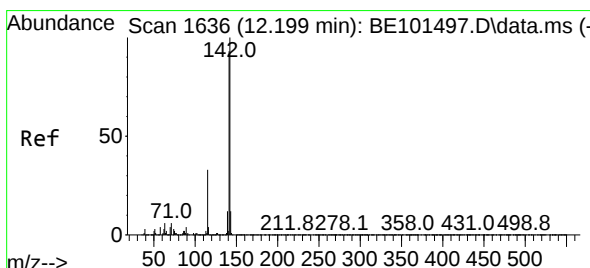
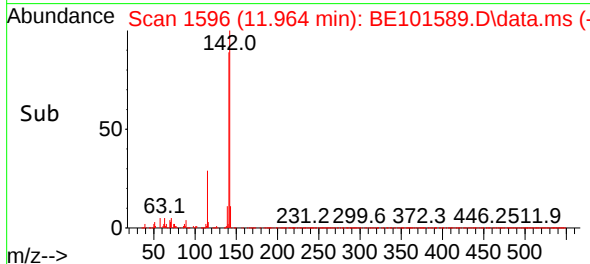
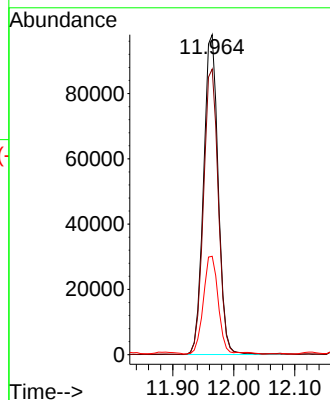
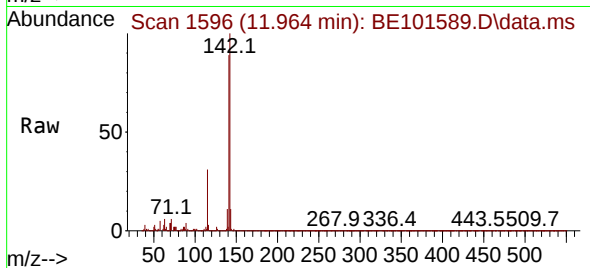
Tgt Ion:142 Resp: 164094
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 30.8 25.0 37.4

Manual Integrations

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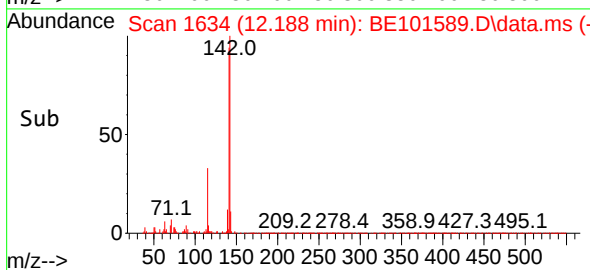
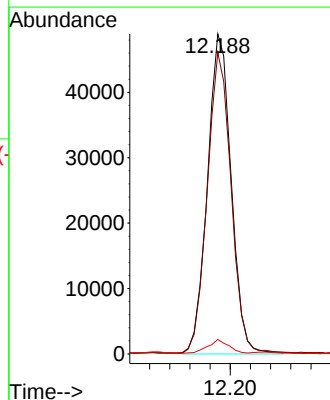
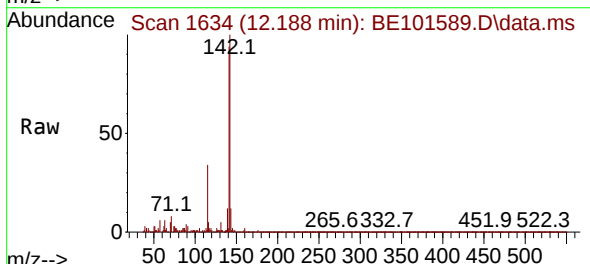
Reviewed By :Yogesh Patel 11/13/2024

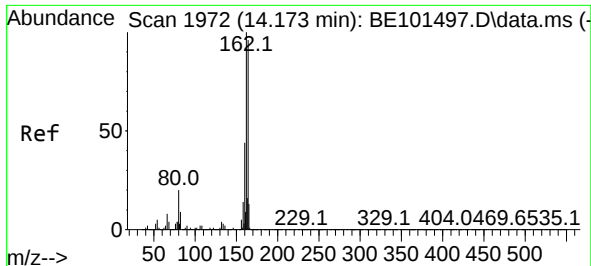
Supervised By :mohammad ahmed 11/13/2024



#38
1-Methylnaphthalene
Concen: 9.040 ng m
RT: 12.188 min Scan# 1634
Delta R.T. -0.011 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Tgt Ion:142 Resp: 79990
Ion Ratio Lower Upper
142 100
141 94.2 74.7 112.1
116 4.5 2.9 4.3#





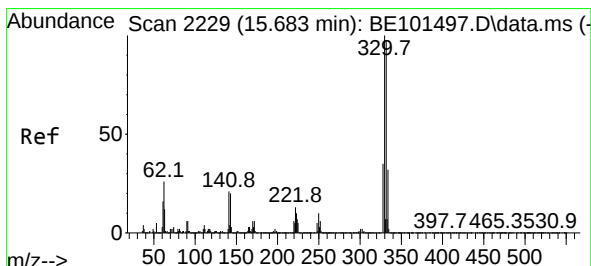
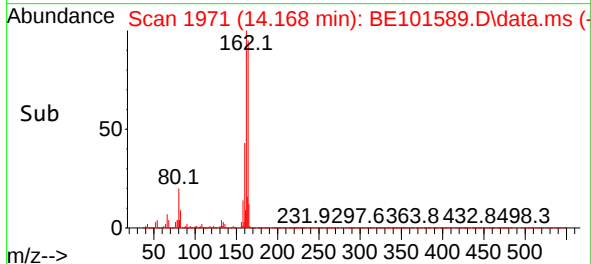
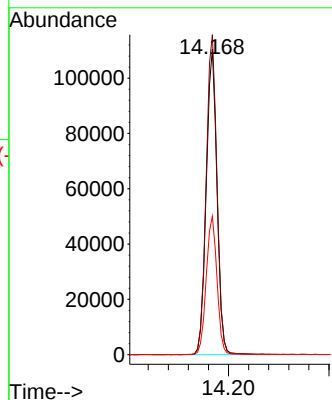
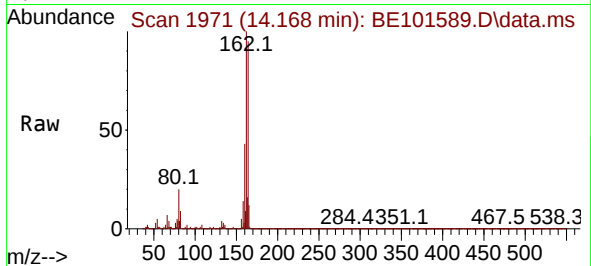
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Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Instrument :
BNA_E
ClientSampleId :
BP-B2DL

Tgt Ion:164 Resp: 164280
Ion Ratio Lower Upper
164 100
162 104.8 83.7 125.5
160 45.3 37.1 55.7

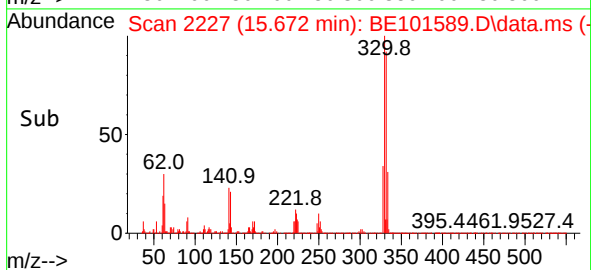
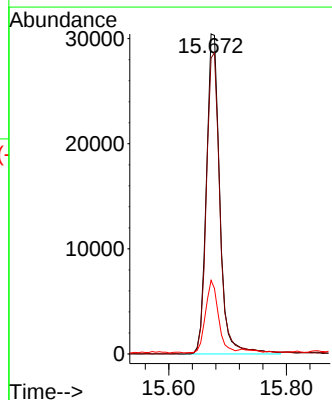
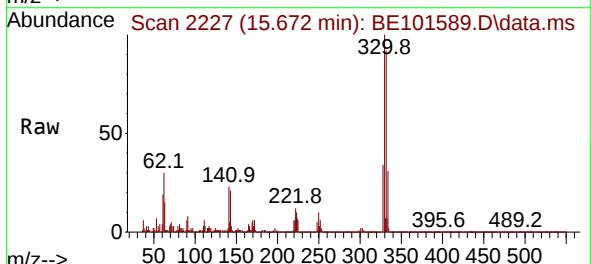
Manual Integrations
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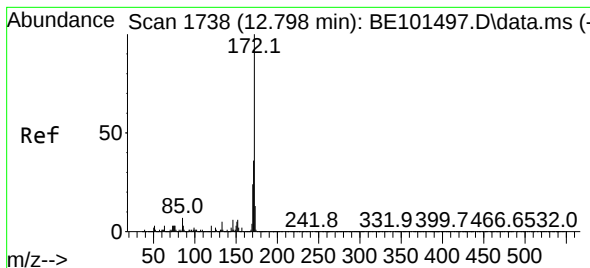
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#42
2,4,6-Tribromophenol
Concen: 15.557 ng
RT: 15.672 min Scan# 2227
Delta R.T. -0.011 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Tgt Ion:330 Resp: 48092
Ion Ratio Lower Upper
330 100
332 95.2 77.7 116.5
141 21.5 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 13.243 ng

RT: 12.787 min Scan# 1

Delta R.T. -0.011 min

Lab File: BE101589.D

Acq: 12 Nov 2024 23:25

Instrument :

BNA_E

ClientSampleId :

BP-B2DL

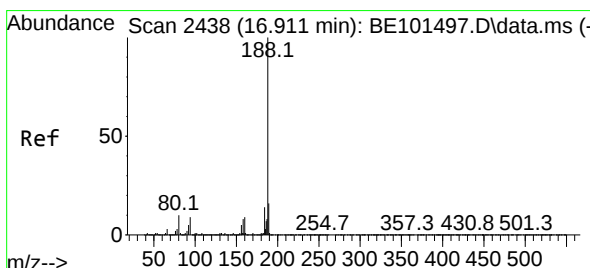
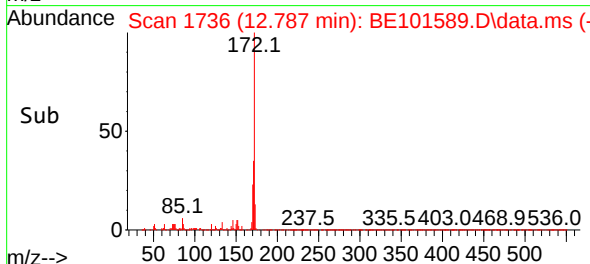
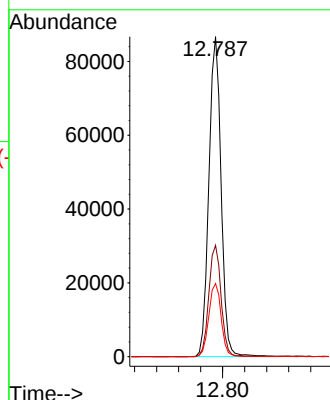
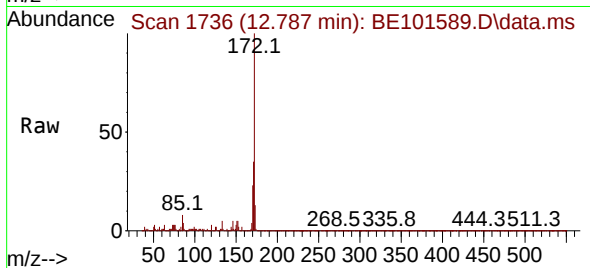
Tgt Ion:	172	Resp:	133240
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.6	43.0
170	22.8	18.9	28.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/13/2024

Supervised By :mohammad ahmed 11/13/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

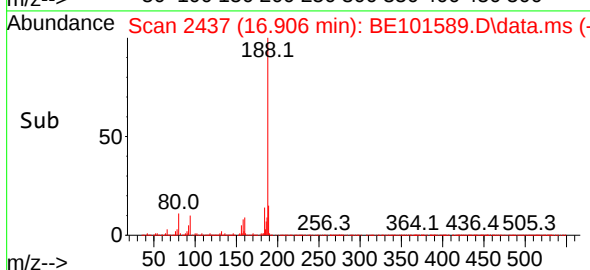
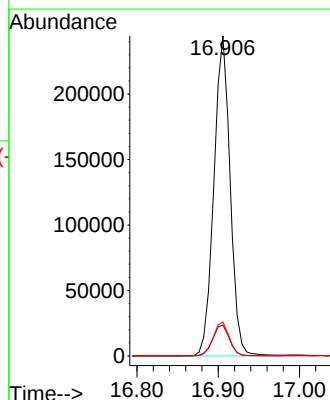
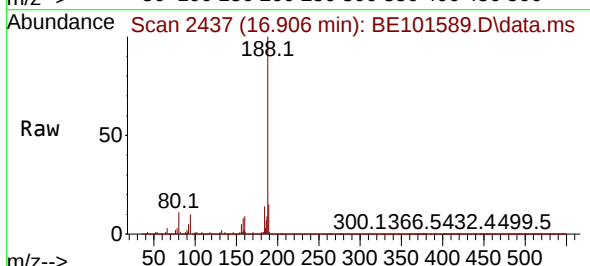
RT: 16.906 min Scan# 2437

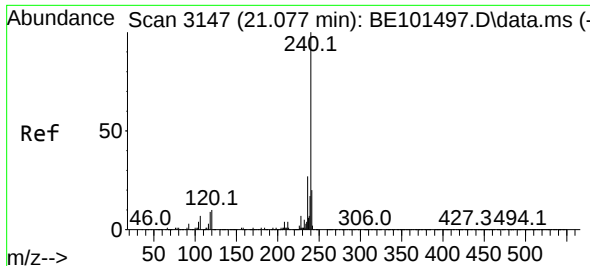
Delta R.T. -0.005 min

Lab File: BE101589.D

Acq: 12 Nov 2024 23:25

Tgt Ion:	188	Resp:	339948
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.4	11.2
80	10.6	8.0	12.0





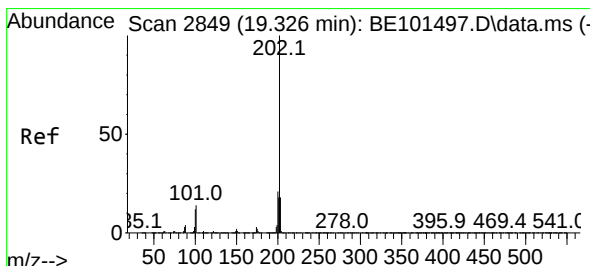
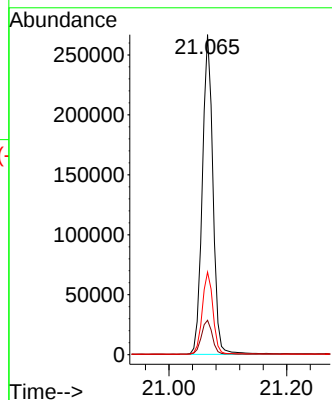
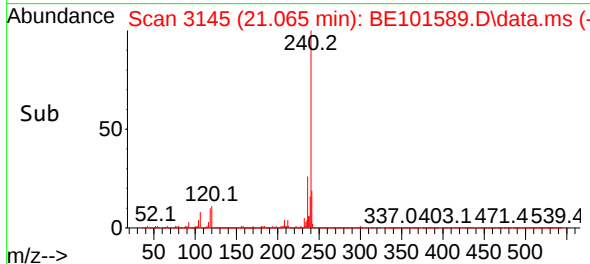
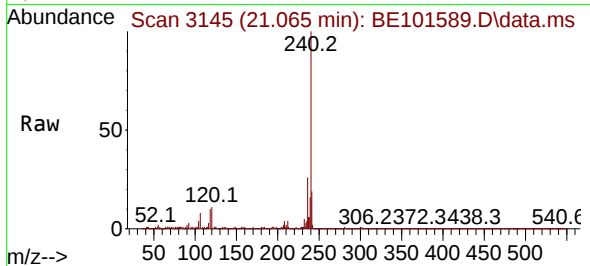
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3147
Delta R.T. -0.011 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Instrument :
BNA_E
ClientSampleId :
BP-B2DL

Tgt Ion:240 Resp: 33544
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.4
236 25.8 21.4 32.2

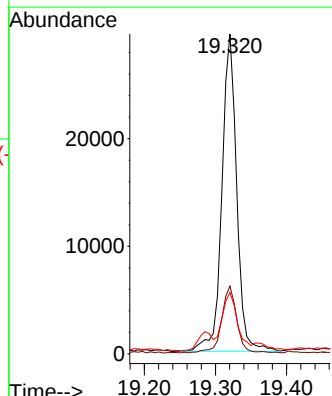
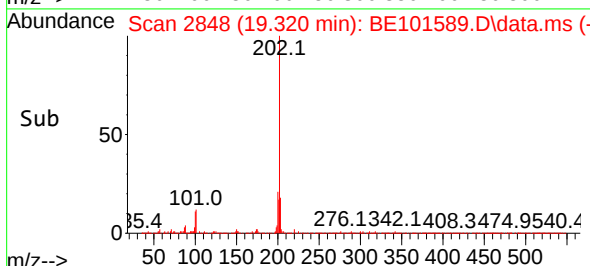
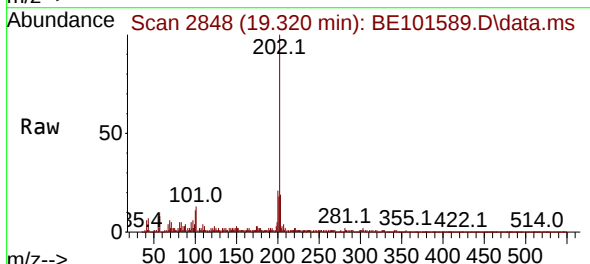
Manual Integrations
APPROVED

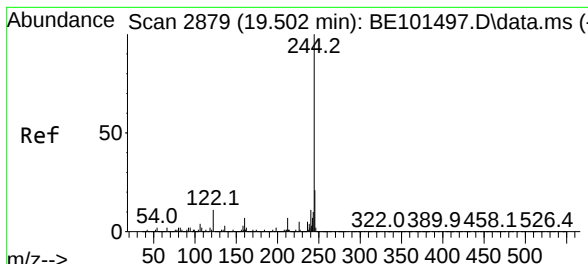
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#78
Pyrene
Concen: 2.223 ng
RT: 19.320 min Scan# 2848
Delta R.T. -0.005 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Tgt Ion:202 Resp: 42429
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 19.2 14.2 21.4





#79
 Terphenyl-d14
 Concen: 14.401 ng
 RT: 19.491 min Scan# 21823
 Delta R.T. -0.011 min
 Lab File: BE101589.D
 Acq: 12 Nov 2024 23:25

Instrument :

BNA_E

ClientSampleId :

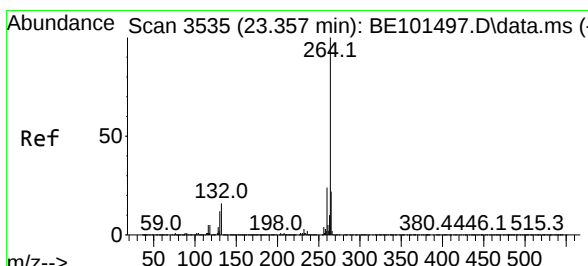
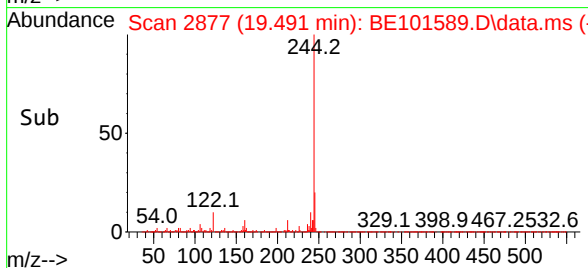
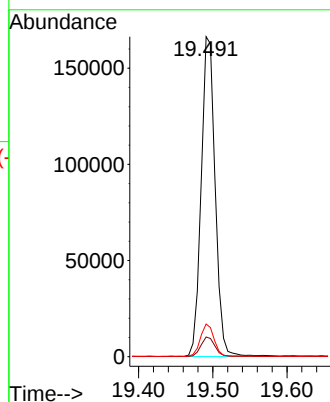
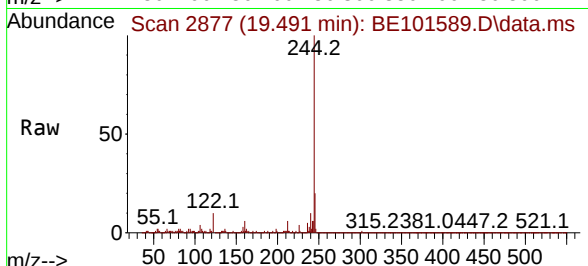
BP-B2DL

Tgt Ion:244 Resp: 21823
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.8 8.8
 122 10.2 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/13/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.351 min Scan# 3534
 Delta R.T. -0.005 min
 Lab File: BE101589.D
 Acq: 12 Nov 2024 23:25

Tgt Ion:264 Resp: 433450
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.8 17.4 26.2

