

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012622\
 Data File : BP008941.D
 Acq On : 26 Jan 2022 21:39
 Operator : CG/JU
 Sample : N1263-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 D2-E2B

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/27/2022
 Supervised By : mohammad ahmed 01/31/2022

Quant Time: Jan 27 05:24:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 26 01:52:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	286751	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1105220	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	712184	20.000	ng	-0.01
64) Phenanthrene-d10	17.228	188	1471856	20.000	ng	-0.01
76) Chrysene-d12	21.322	240	1485220	20.000	ng	-0.01
86) Perylene-d12	23.733	264	1605310	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	112390	6.061	ng	0.00
7) Phenol-d6	7.016	99	130327	5.804	ng	0.00
23) Nitrobenzene-d5	8.999	82	80302	4.125	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	61380	5.921	ng	-0.01
45) 2-Fluorobiphenyl	13.098	172	232547	4.306	ng	0.00
79) Terphenyl-d14	19.786	244	363758	4.134	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.269	178	235889	2.846	ng	97
75) Fluoranthene	19.239	202	690981	7.498	ng	96
78) Pyrene	19.592	202	599872	5.788	ng	97
81) Benzo(a)anthracene	21.304	228	399689	4.000	ng	99
83) Chrysene	21.357	228	422553	4.362	ng	98
84) Bis(2-ethylhexyl)phtha...	21.233	149	309038	4.788	ng	95
87) Indeno(1,2,3-cd)pyrene	26.239	276	351103	2.654	ng	# 94
88) Benzo(b)fluoranthene	22.998	252	685846	6.397	ng	95
89) Benzo(k)fluoranthene	23.039	252	259432m	2.500	ng	
90) Benzo(a)pyrene	23.621	252	453508	4.383	ng	98
92) Benzo(g,h,i)perylene	27.009	276	385809	3.513	ng	98

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

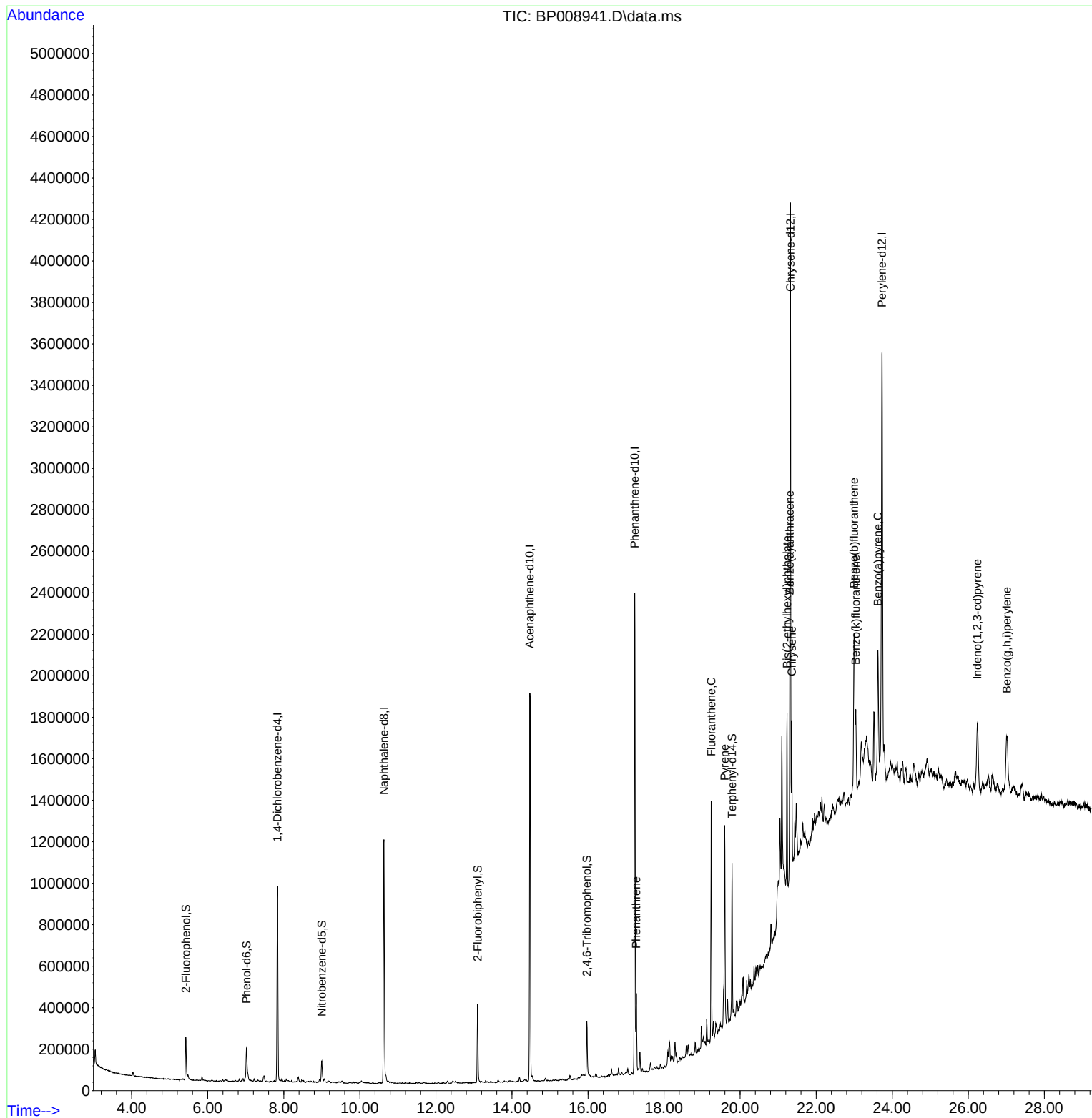
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012622\
Data File : BP008941.D
Acq On : 26 Jan 2022 21:39
Operator : CG/JU
Sample : N1263-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

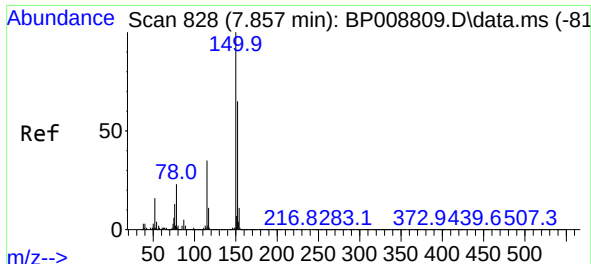
Instrument :
BNA_P
ClientSampleId :
D2-E2B

Quant Time: Jan 27 05:24:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 26 01:52:51 2022
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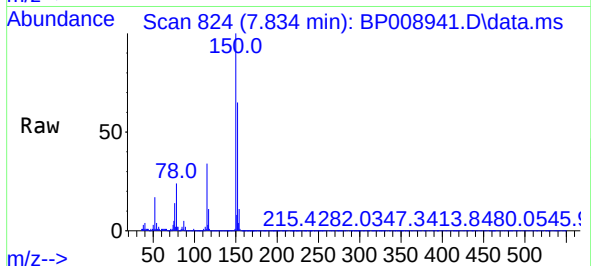
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

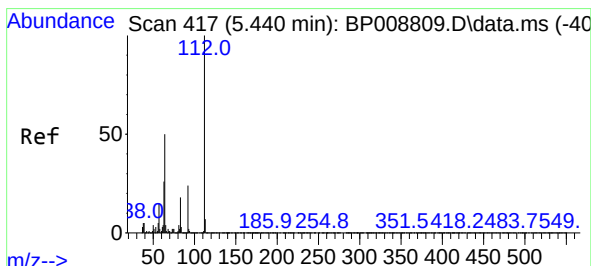
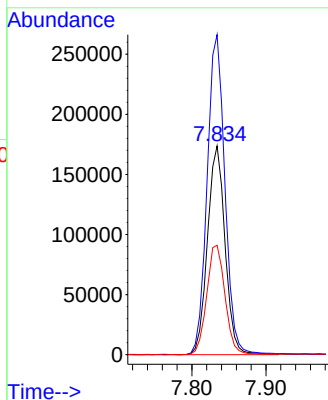
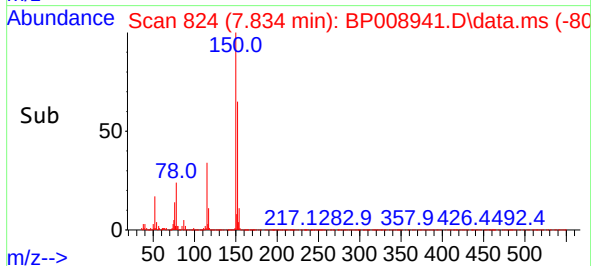
Instrument :
BNA_P
ClientSampleId :
D2-E2B



Tgt Ion:152 Resp: 28675
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 52.4 43.7 65.5

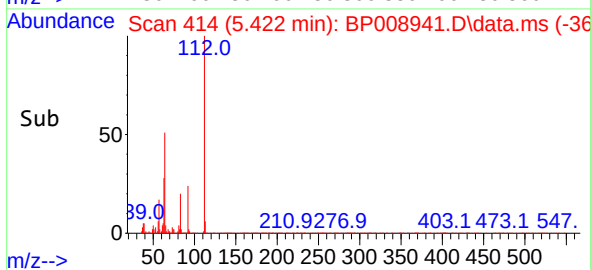
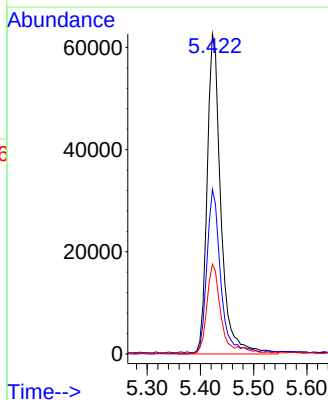
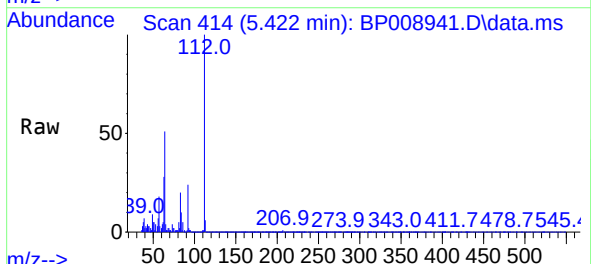
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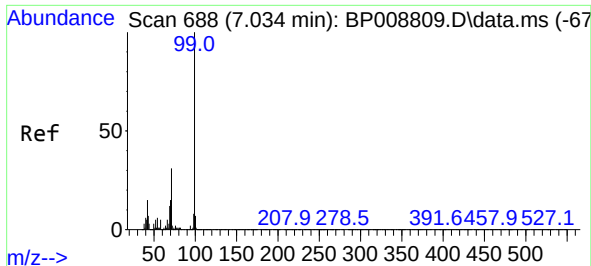
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#5
2-Fluorophenol
Concen: 6.061 ng
RT: 5.422 min Scan# 414
Delta R.T. -0.006 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

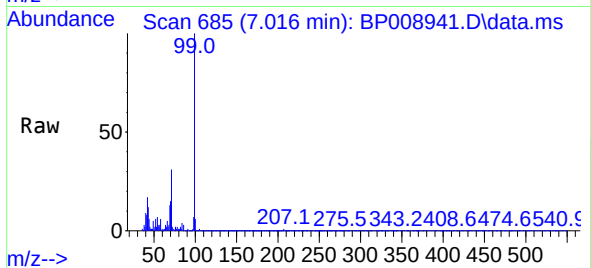
Tgt Ion:112 Resp: 112390
Ion Ratio Lower Upper
112 100
64 51.5 39.7 59.5
63 28.1 20.0 30.0





#7
Phenol-d6
Concen: 5.804 ng
RT: 7.016 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

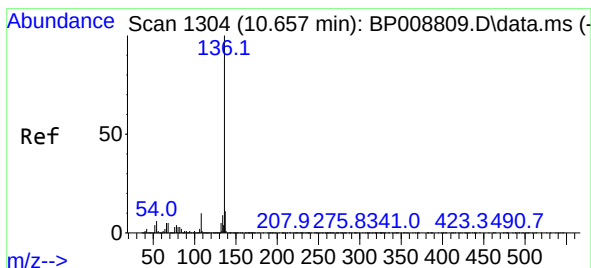
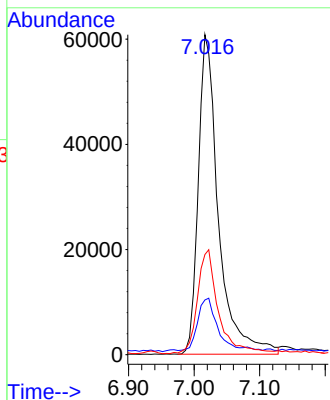
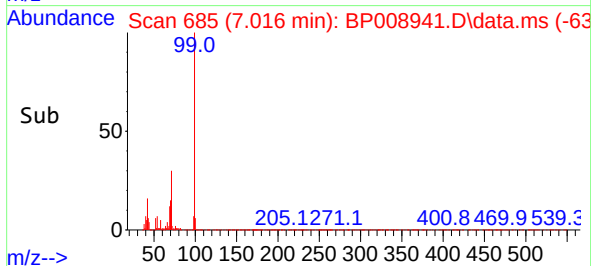
Instrument :
BNA_P
ClientSampleId :
D2-E2B



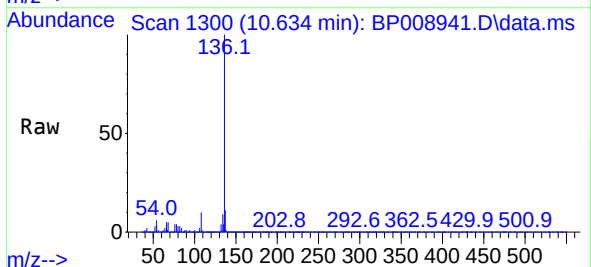
Tgt Ion: 99 Resp: 13032
Ion Ratio Lower Upper
99 100
42 17.1 10.8 16.2
71 31.3 23.8 35.6

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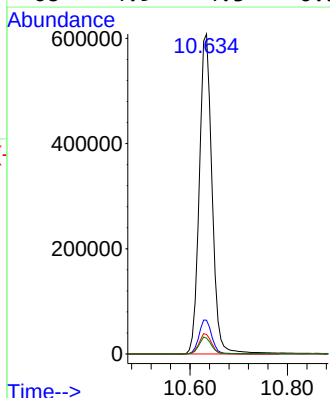
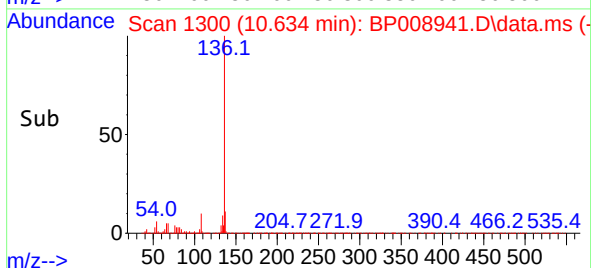
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022

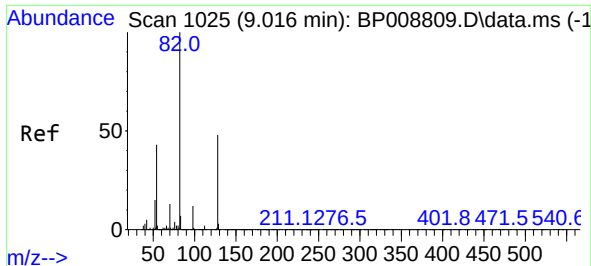


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39



Tgt Ion:136 Resp: 1105220
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 6.1 4.9 7.3
68 4.9 4.3 6.5





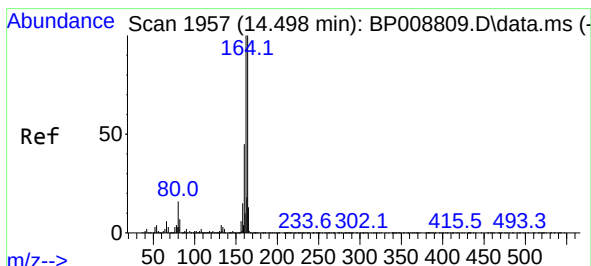
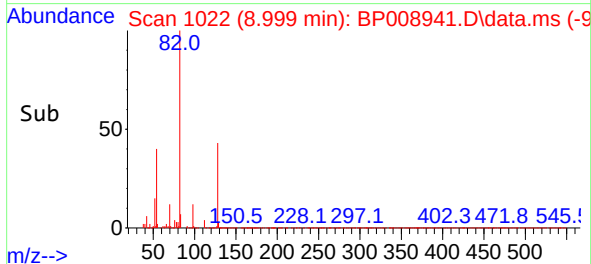
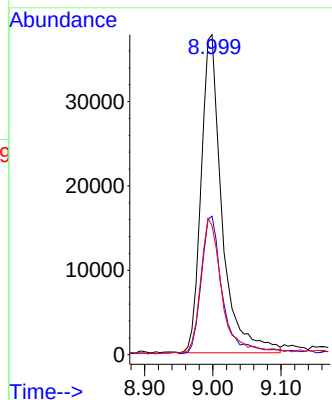
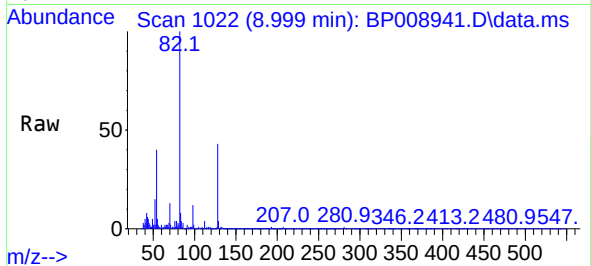
#23
Nitrobenzene-d5
Concen: 4.125 ng
RT: 8.999 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Instrument :
BNA_P
ClientSampleId :
D2-E2B

Tgt Ion: 82 Resp: 80302
Ion Ratio Lower Upper
82 100
128 43.2 39.4 59.2
54 40.3 32.6 48.8

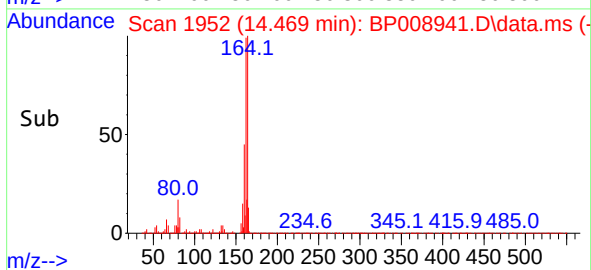
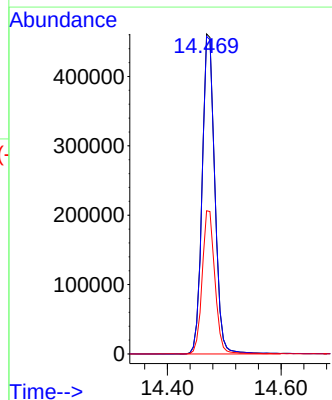
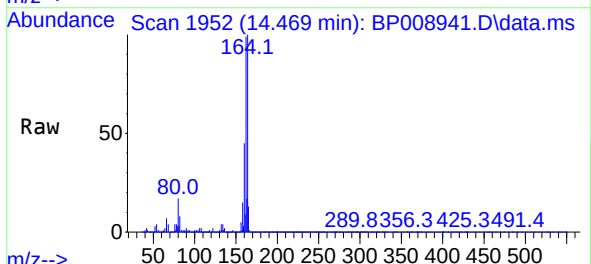
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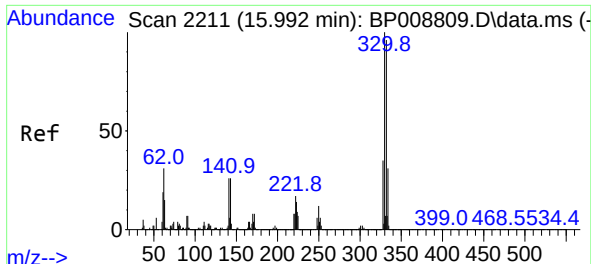
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Tgt Ion:164 Resp: 712184
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 44.8 35.5 53.3





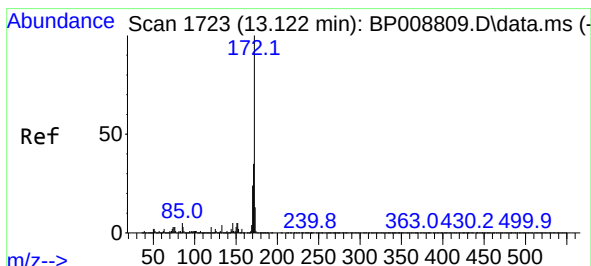
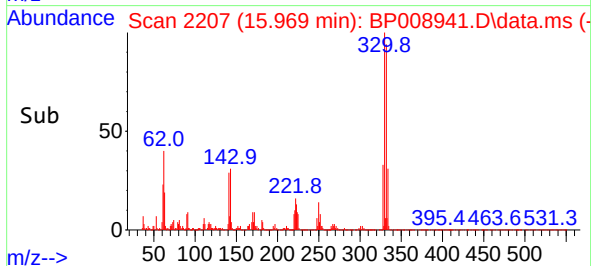
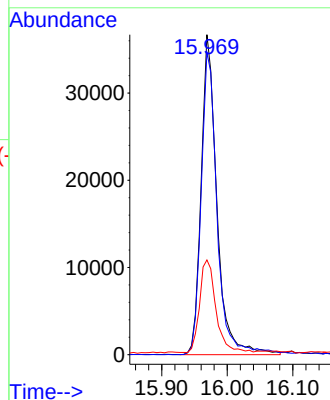
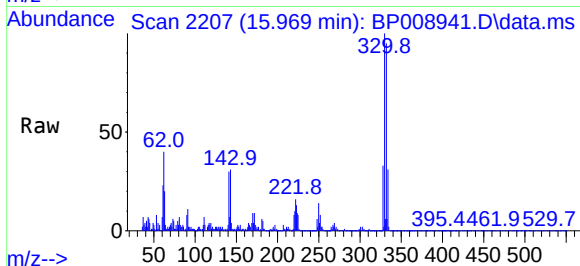
#42
2,4,6-Tribromophenol
Concen: 5.921 ng
RT: 15.969 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Instrument :
BNA_P
ClientSampleId :
D2-E2B

Tgt Ion: 330 Resp: 61380
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 29.9 21.3 31.9

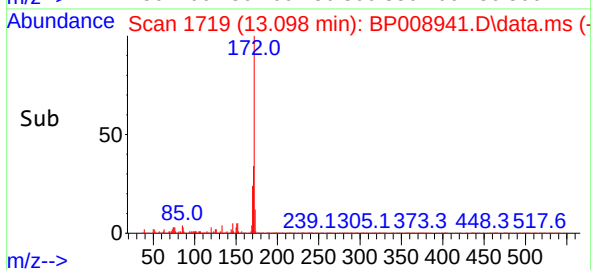
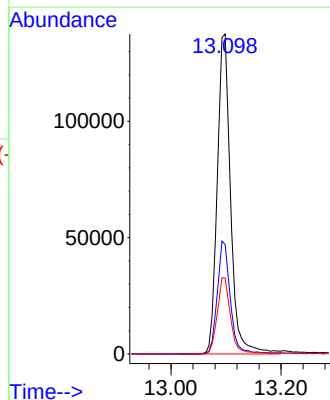
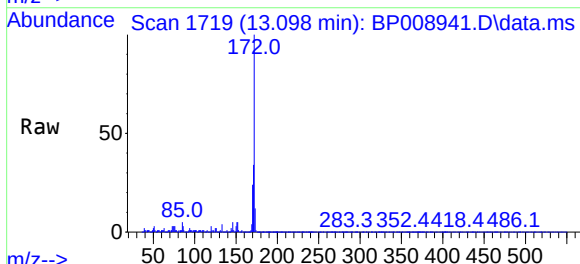
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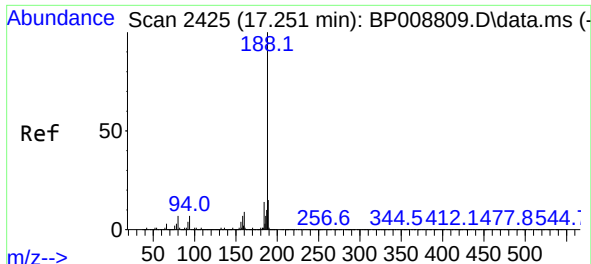
Reviewed By : Christian Giraldo 01/27/2022
Supervised By : mohammad ahmed 01/31/2022



#45
2-Fluorobiphenyl
Concen: 4.306 ng
RT: 13.098 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Tgt Ion: 172 Resp: 232547
Ion Ratio Lower Upper
172 100
171 34.2 29.3 43.9
170 23.7 19.5 29.3





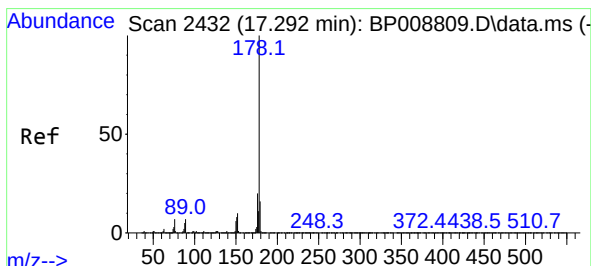
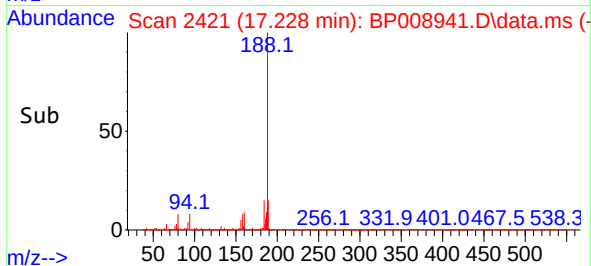
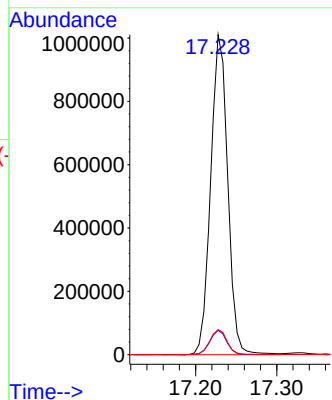
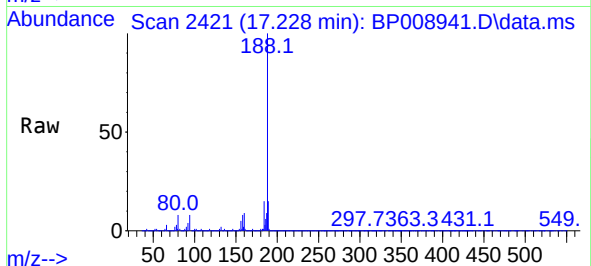
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Instrument :
BNA_P
ClientSampleId :
D2-E2B

Tgt Ion:188 Resp: 1471850
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 7.9 7.2 10.8

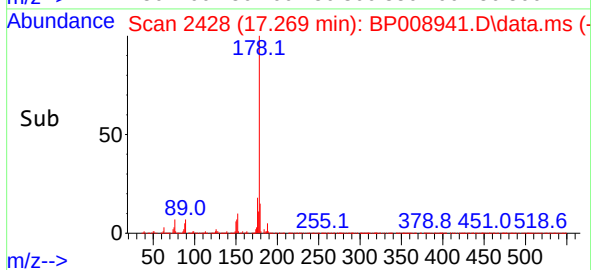
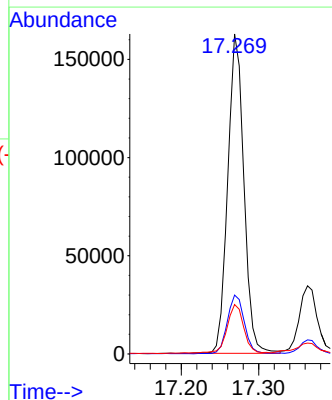
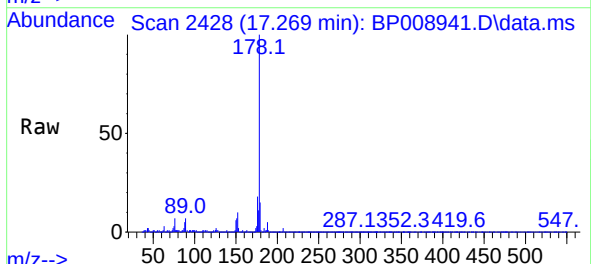
Manual Integrations
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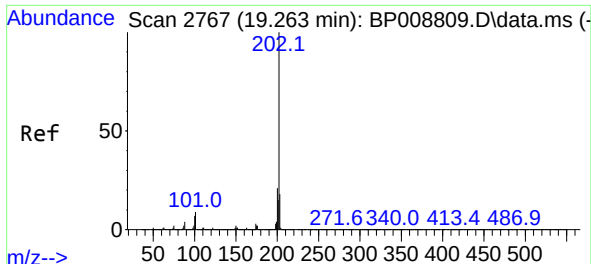
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#71
Phenanthrene
Concen: 2.846 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

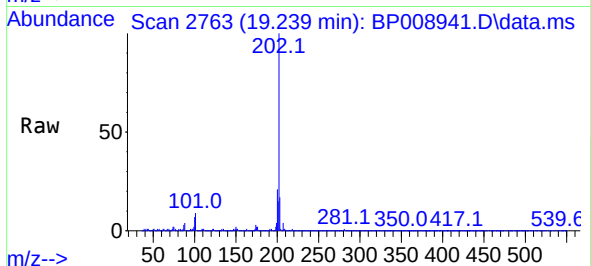
Tgt Ion:178 Resp: 235889
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 15.4 13.0 19.4





#75
Fluoranthene
Concen: 7.498 ng
RT: 19.239 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

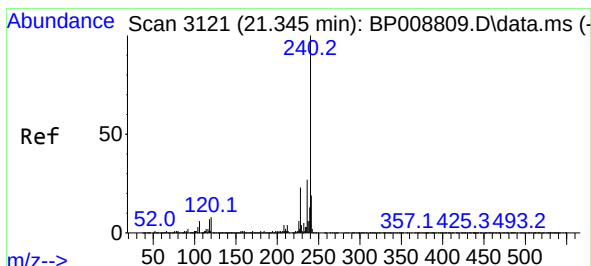
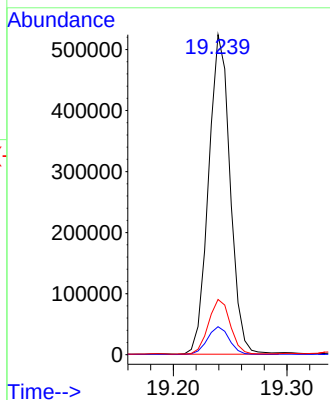
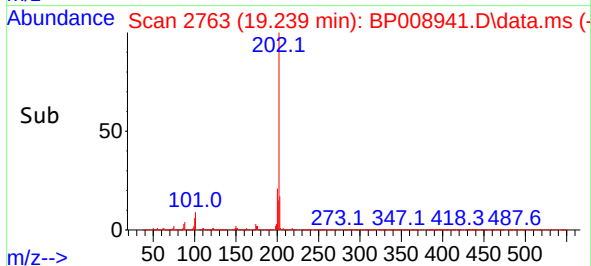
Instrument :
BNA_P
ClientSampleId :
D2-E2B



Tgt Ion:202 Resp: 69098
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.7
203 17.3 0.0 38.9

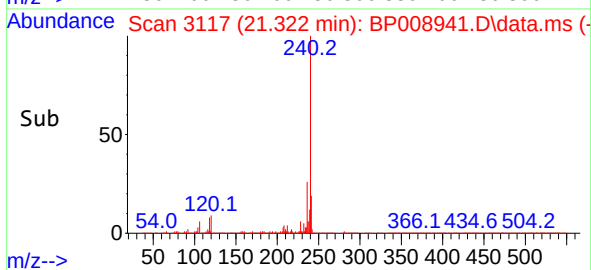
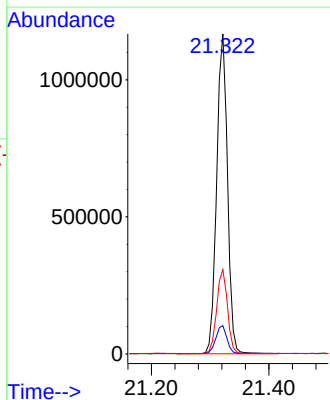
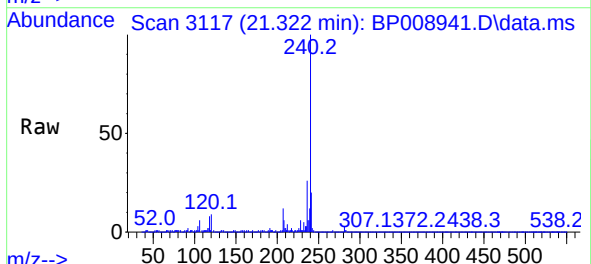
Manual Integrations
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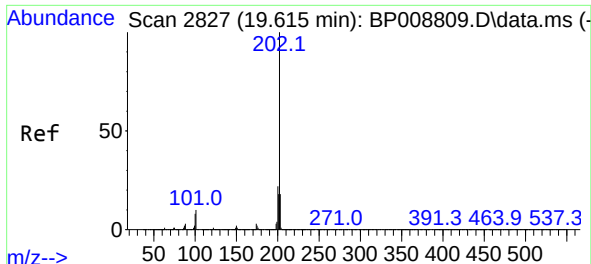
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

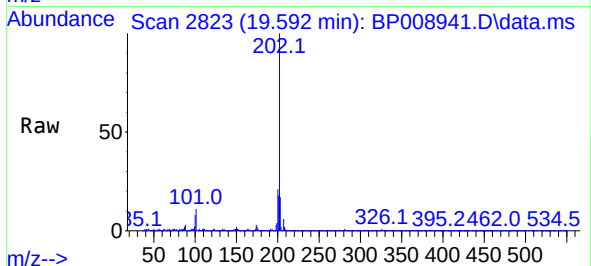
Tgt Ion:240 Resp: 1485220
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 26.4 21.2 31.8





#78
Pyrene
Concen: 5.788 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

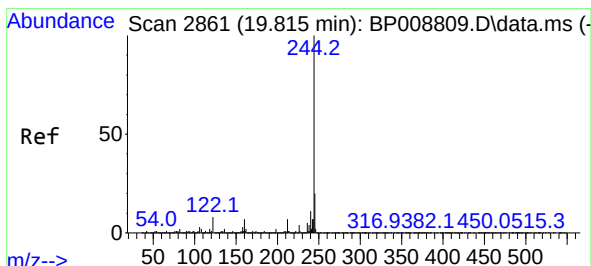
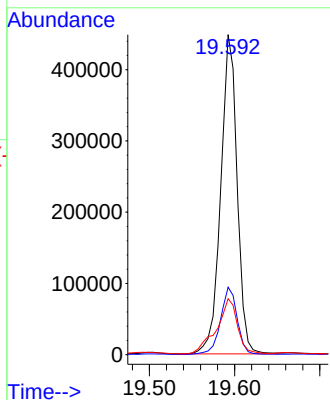
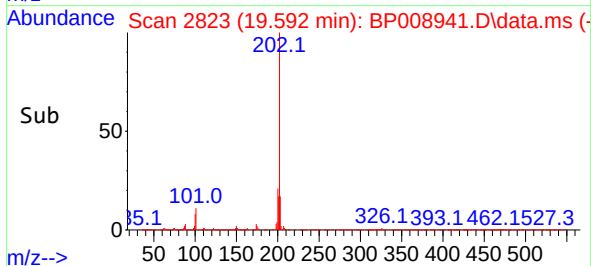
Instrument :
BNA_P
ClientSampleId :
D2-E2B



Tgt Ion:202 Resp: 599872
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 17.5 15.0 22.6

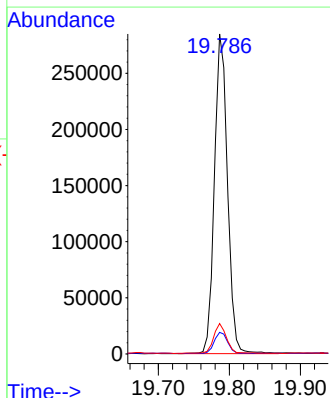
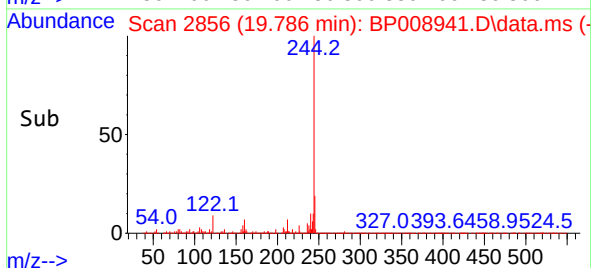
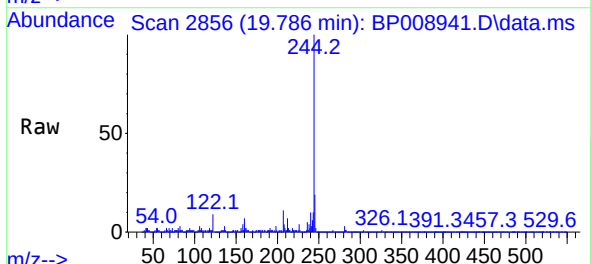
Manual Integrations
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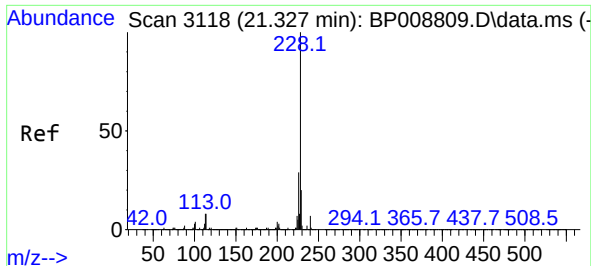
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#79
Terphenyl-d14
Concen: 4.134 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.018 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

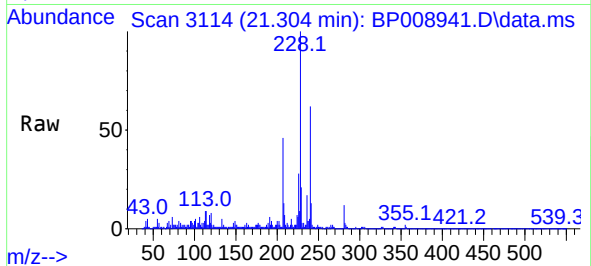
Tgt Ion:244 Resp: 363758
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 9.5 9.2 13.8





#81
Benzo(a)anthracene
Concen: 4.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

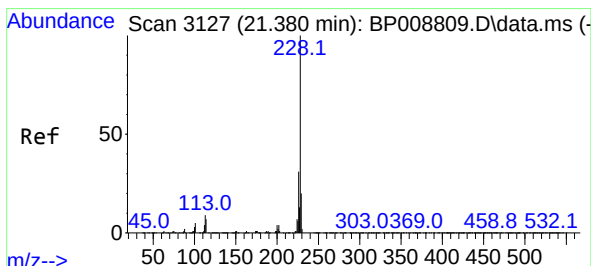
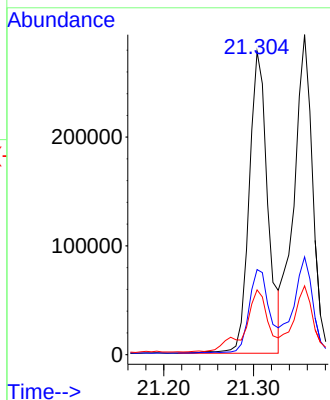
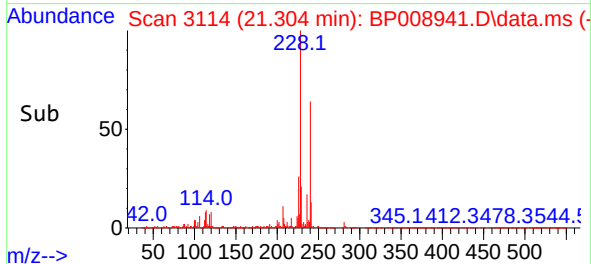
Instrument :
BNA_P
ClientSampleId :
D2-E2B



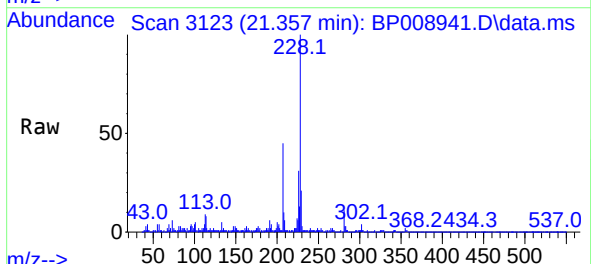
Tgt Ion:228 Resp: 399689
Ion Ratio Lower Upper
228 100
226 28.1 23.3 34.9
229 21.4 17.0 25.6

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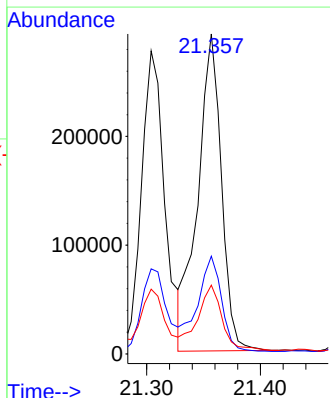
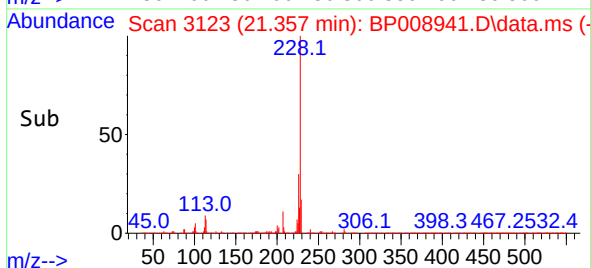
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022

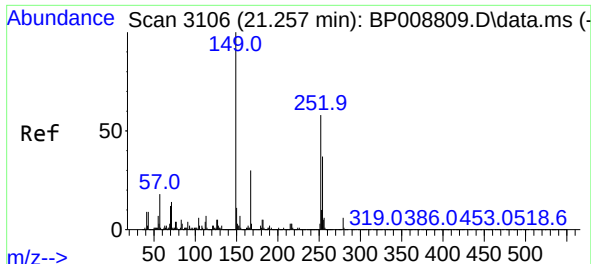


#83
Chrysene
Concen: 4.362 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39



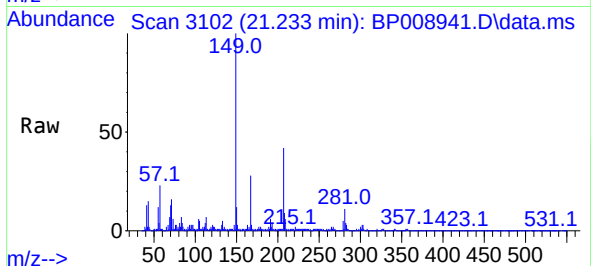
Tgt Ion:228 Resp: 422553
Ion Ratio Lower Upper
228 100
226 30.5 26.0 39.0
229 21.5 16.9 25.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.788 ng
RT: 21.233 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

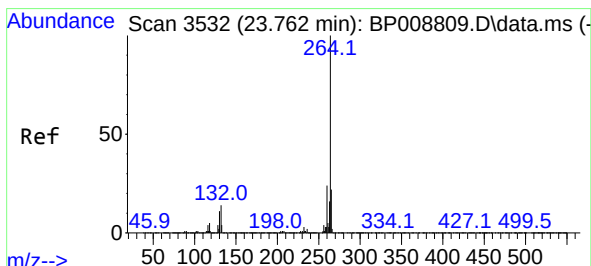
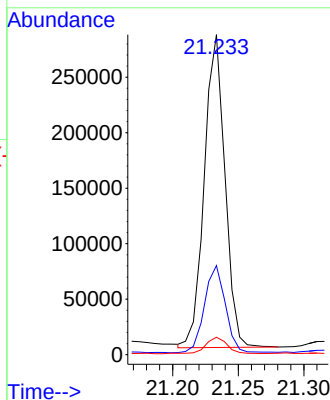
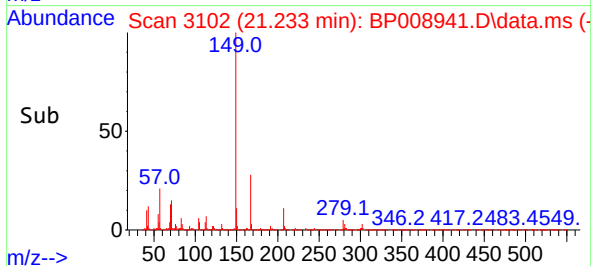
Instrument :
BNA_P
ClientSampleId :
D2-E2B



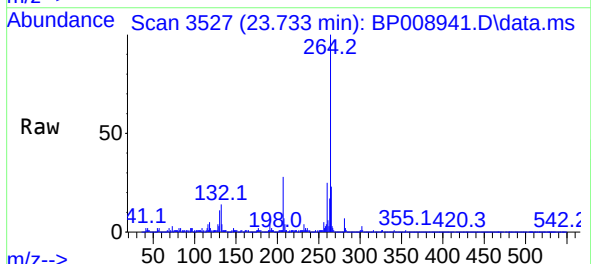
Tgt Ion:149 Resp: 309038
Ion Ratio Lower Upper
149 100
167 27.9 25.0 37.4
279 5.4 4.8 7.2

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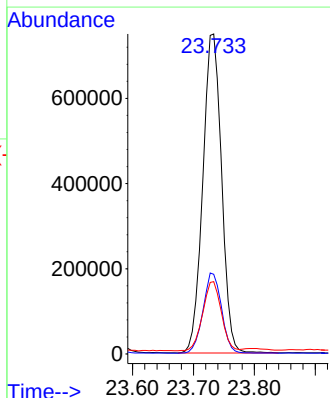
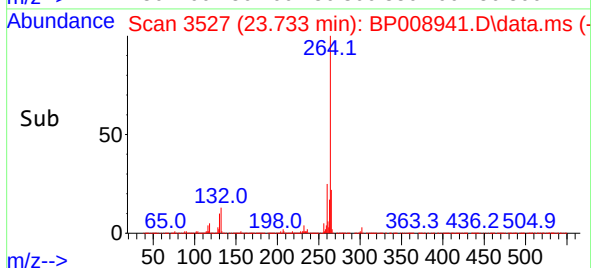
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022

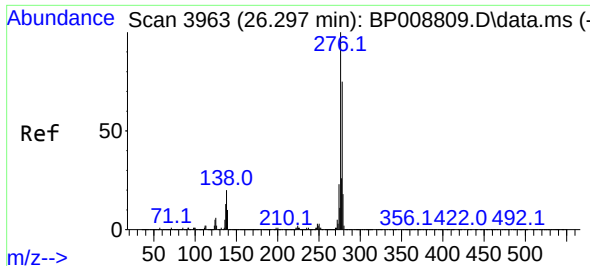


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3527
Delta R.T. -0.018 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39



Tgt Ion:264 Resp: 1605310
Ion Ratio Lower Upper
264 100
260 24.9 19.1 28.7
265 22.6 17.1 25.7





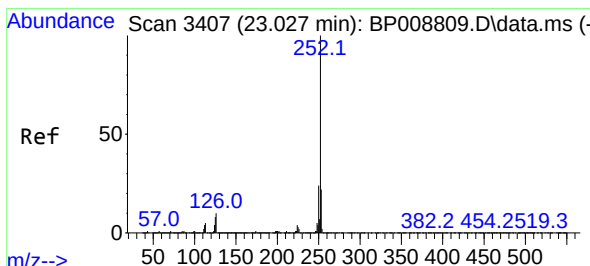
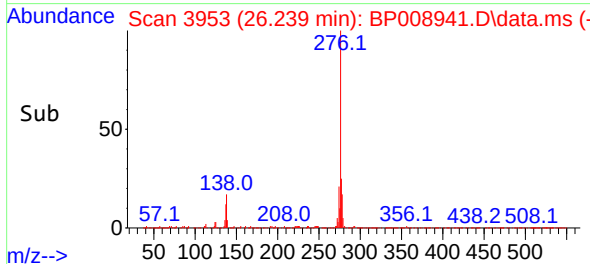
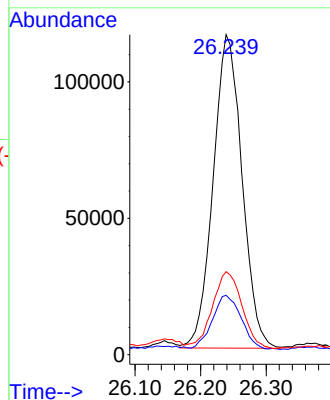
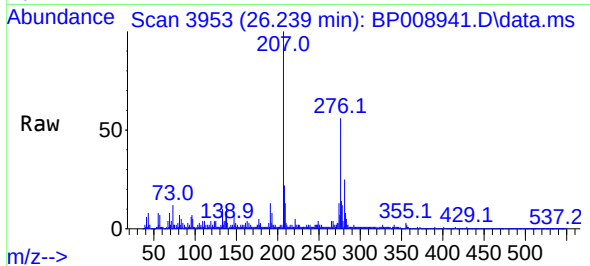
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.654 ng
RT: 26.239 min Scan# 3953
Delta R.T. -0.041 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Instrument :
BNA_P
ClientSampleId :
D2-E2B

Tgt Ion:276 Resp: 35110
Ion Ratio Lower Upper
276 100
138 17.0 17.8 26.6
277 25.1 20.4 30.6

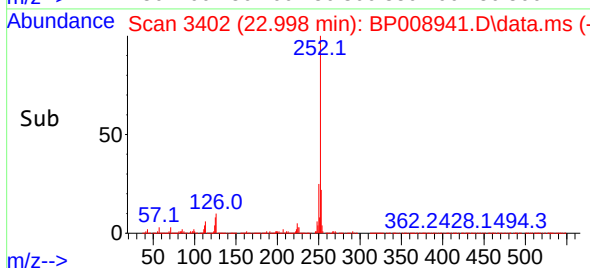
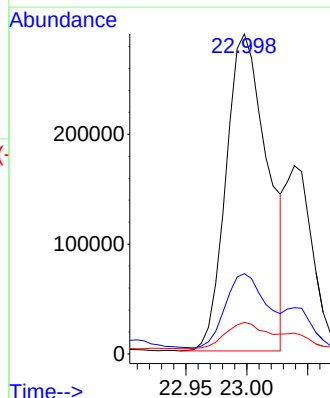
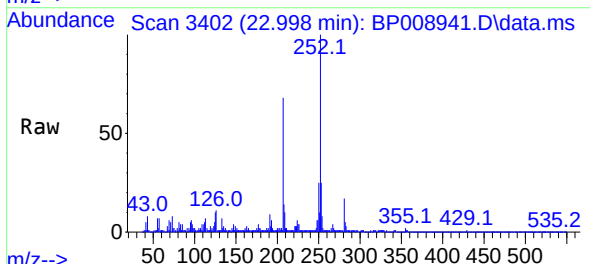
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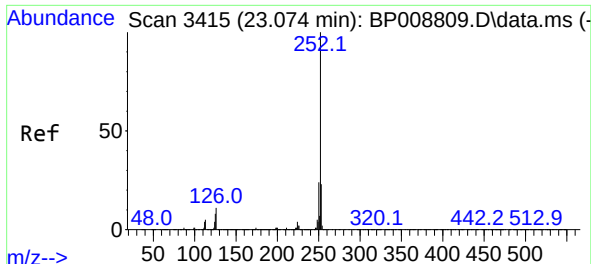
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#88
Benzo(b)fluoranthene
Concen: 6.397 ng
RT: 22.998 min Scan# 3402
Delta R.T. -0.018 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Tgt Ion:252 Resp: 685846
Ion Ratio Lower Upper
252 100
253 25.1 18.0 27.0
125 9.9 6.9 10.3





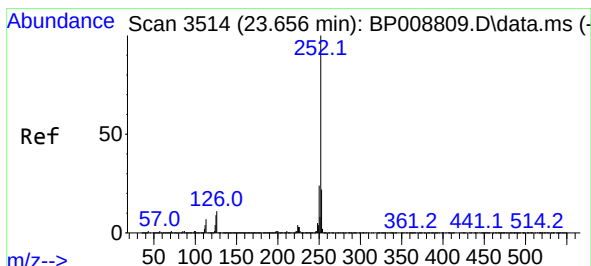
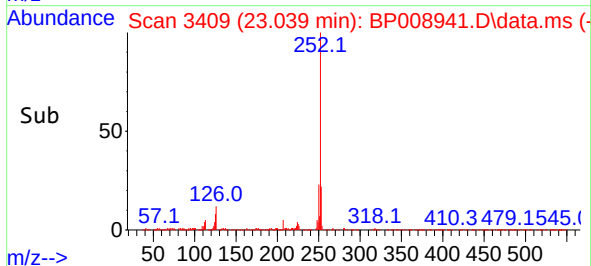
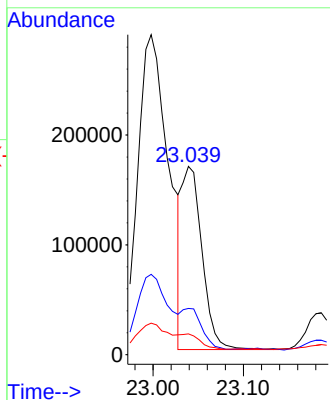
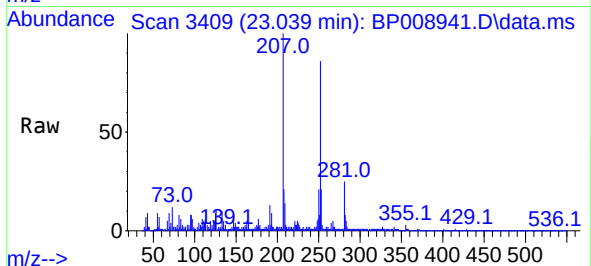
#89
Benzo(k)fluoranthene
Concen: 2.500 ng m
RT: 23.039 min Scan# 3415
Delta R.T. -0.023 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Instrument :
BNA_P
ClientSampleId :
D2-E2B

Tgt Ion:252 Resp: 25943
Ion Ratio Lower Upper
252 100
253 24.5 18.2 27.2
125 11.0 7.3 10.9

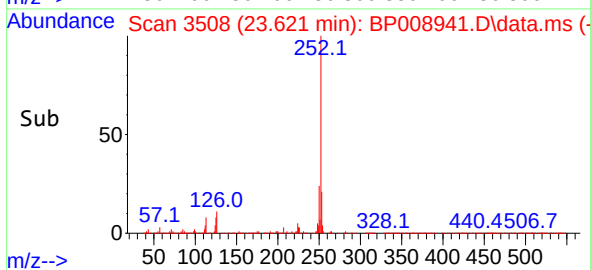
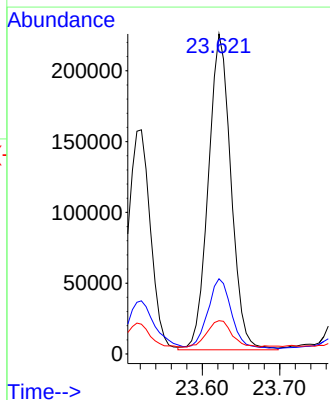
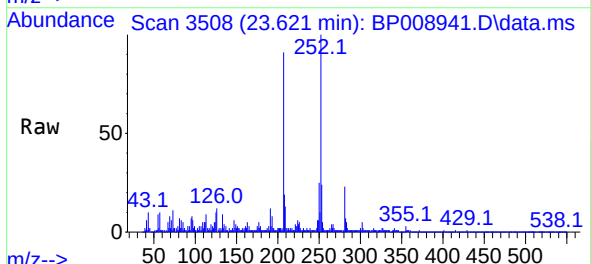
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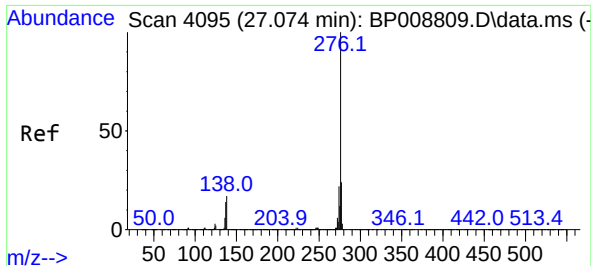
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#90
Benzo(a)pyrene
Concen: 4.383 ng
RT: 23.621 min Scan# 3508
Delta R.T. -0.023 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

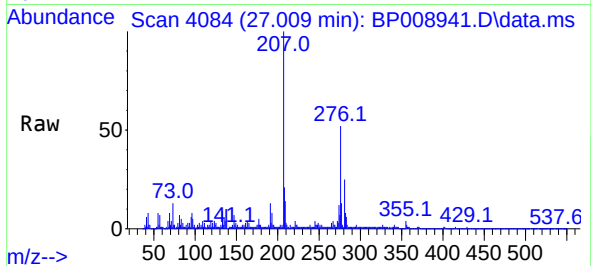
Tgt Ion:252 Resp: 453508
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 10.4 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 3.513 ng
RT: 27.009 min Scan# 4095
Delta R.T. -0.041 min
Lab File: BP008941.D
Acq: 26 Jan 2022 21:39

Instrument :
BNA_P
ClientSampleId :
D2-E2B



Tgt Ion: 276 Resp: 385809
Ion Ratio Lower Upper
276 100
277 24.7 19.2 28.8
138 19.6 15.0 22.4

Manual Integrations
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Reviewed By : Christian Giraldo 01/27/2022
Supervised By : mohammad ahmed 01/31/2022

