

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
 Data File : BP008863.D
 Acq On : 19 Jan 2022 20:22
 Operator : CG/JU
 Sample : N1172-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EME-TS-3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/20/2022
 Supervised By :Jagrut Upadhyay 01/20/2022

Quant Time: Jan 20 05:31:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	309925	20.000	ng	-0.01
21) Naphthalene-d8	10.646	136	1085914	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	580306	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	1018658	20.000	ng	-0.01
76) Chrysene-d12	21.333	240	1217602	20.000	ng	-0.01
86) Perylene-d12	23.751	264	1431780	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2125486	106.054	ng	0.00
7) Phenol-d6	7.028	99	2556201	105.328	ng	0.00
23) Nitrobenzene-d5	9.005	82	1572608	82.219	ng	-0.01
42) 2,4,6-Tribromophenol	15.981	330	826372	97.831	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	3440231	78.179	ng	-0.01
79) Terphenyl-d14	19.804	244	4015376	55.664	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.052	94	53853	2.177	ng	80
20) 3+4-Methylphenols	8.634	107	49015	2.227	ng	93
71) Phenanthrene	17.281	178	337616	5.887	ng	99
75) Fluoranthene	19.251	202	437131	6.854	ng	99
78) Pyrene	19.604	202	431593	5.080	ng	99
81) Benzo(a)anthracene	21.322	228	220636	2.693	ng	98
83) Chrysene	21.369	228	222803m	2.806	ng	
88) Benzo(b)fluoranthene	23.016	252	289587m	3.029	ng	
90) Benzo(a)pyrene	23.645	252	216695	2.348	ng	# 87

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

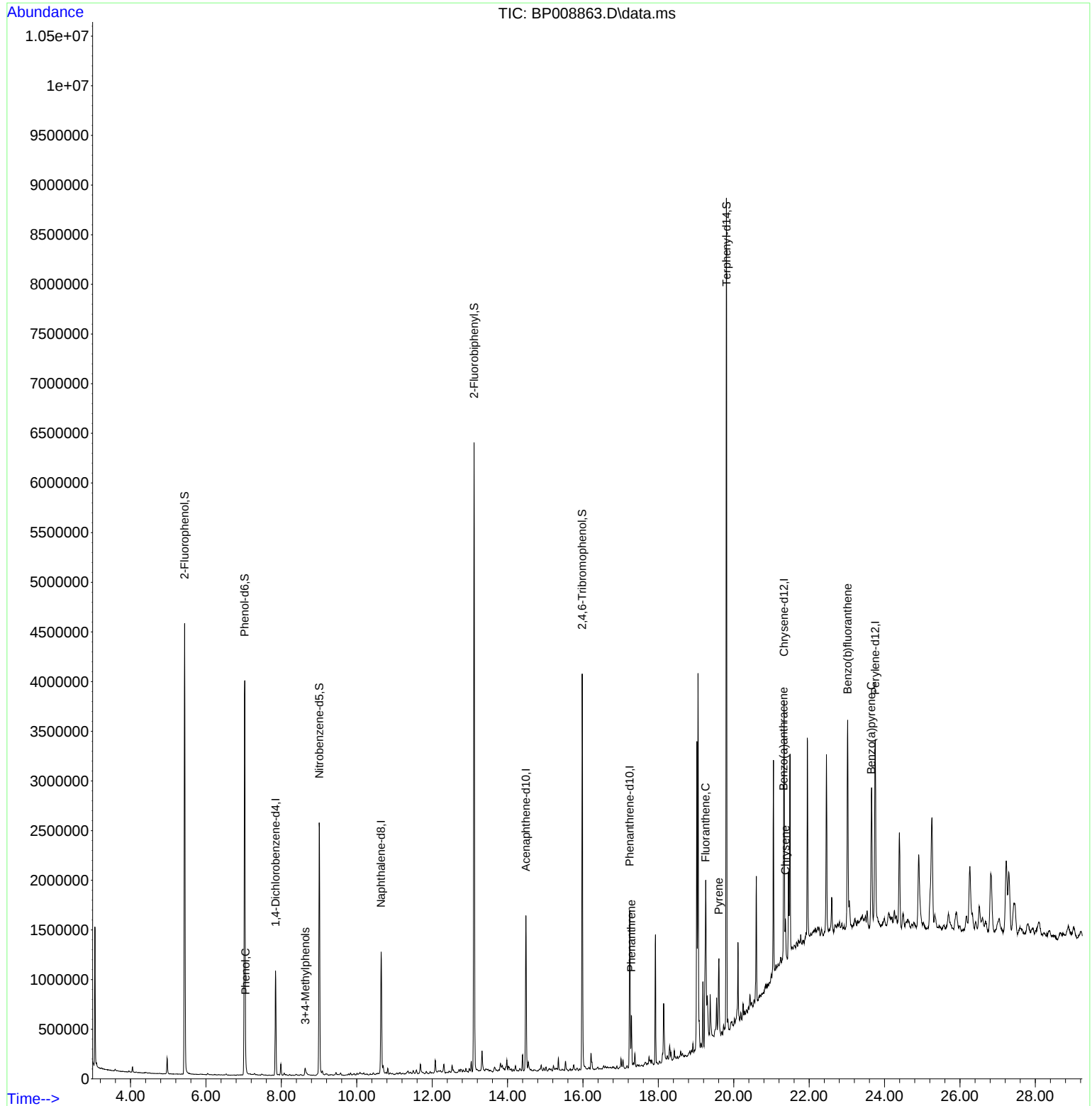
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008863.D
Acq On : 19 Jan 2022 20:22
Operator : CG/JU
Sample : N1172-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

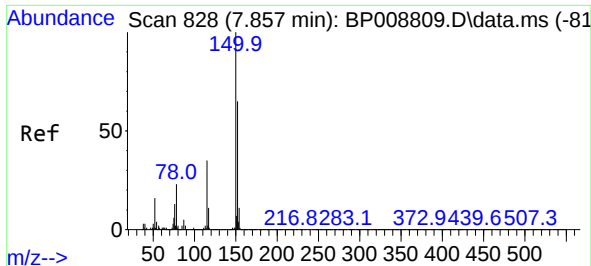
Instrument :
BNA_P
ClientSampleId :
EME-TS-3

Quant Time: Jan 20 05:31:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
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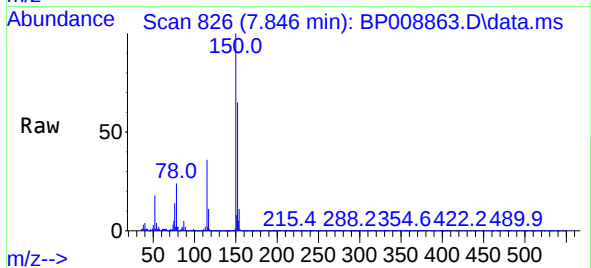
Reviewed By : Christian Giraldo 01/20/2022
Supervised By : Jagrut Upadhyay 01/20/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

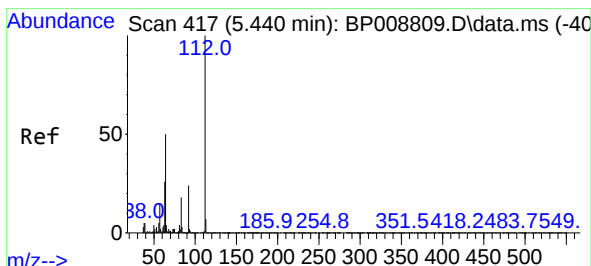
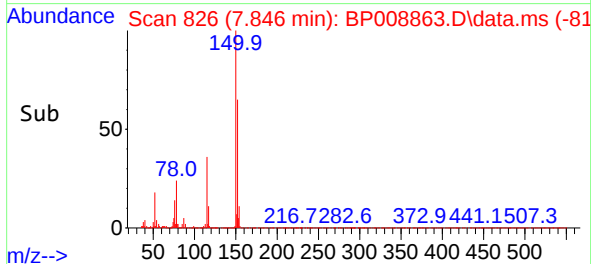
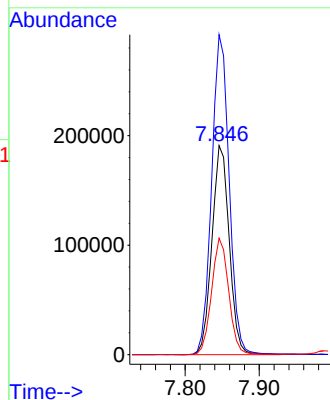
Instrument :
BNA_P
ClientSampleId :
EME-TS-3



Tgt Ion:152 Resp: 309925
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.6
115 55.7 43.7 65.5

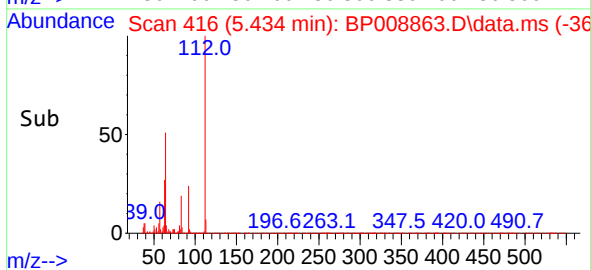
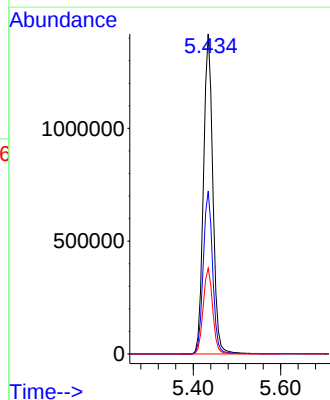
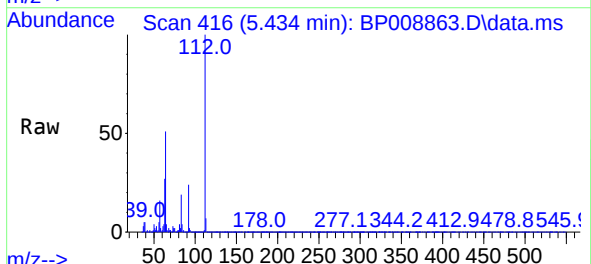
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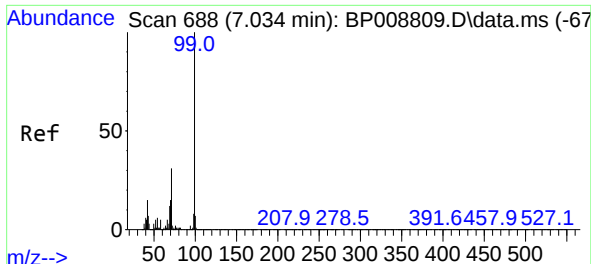
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#5
2-Fluorophenol
Concen: 106.054 ng
RT: 5.434 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

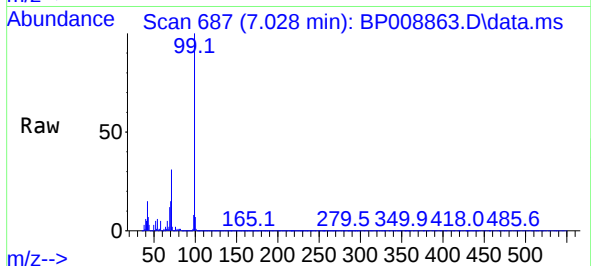
Tgt Ion:112 Resp: 2125486
Ion Ratio Lower Upper
112 100
64 50.8 39.7 59.5
63 26.8 20.0 30.0





#7
Phenol-d6
Concen: 105.328 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

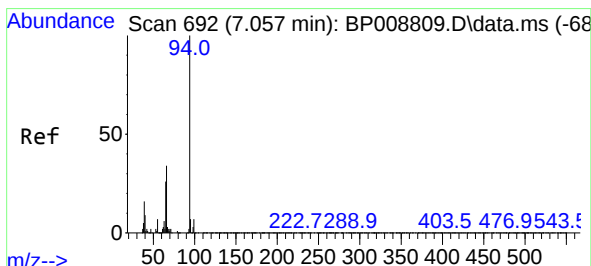
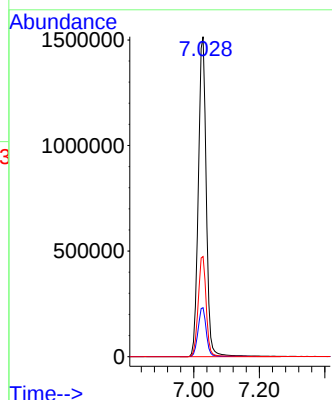
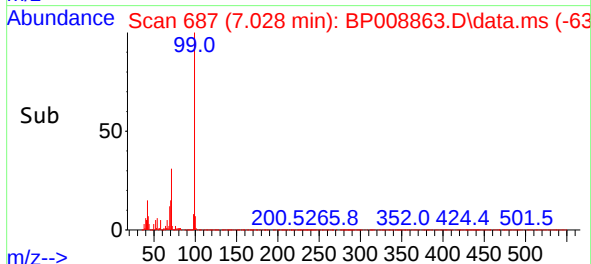
Instrument :
BNA_P
ClientSampleId :
EME-TS-3



Tgt Ion: 99 Resp: 255620
Ion Ratio Lower Upper
99 100
42 15.3 10.8 16.2
71 31.3 23.8 35.6

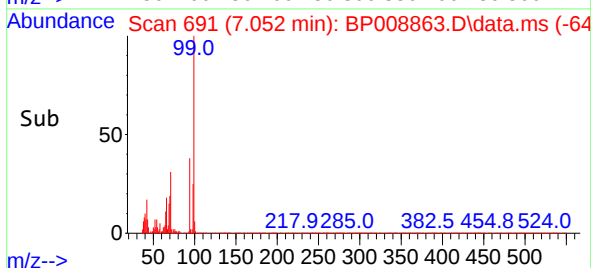
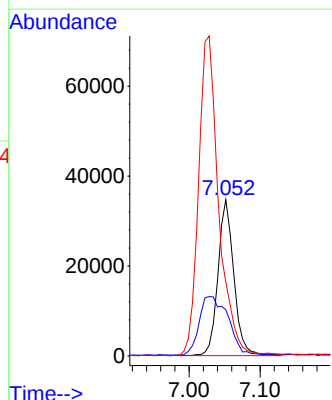
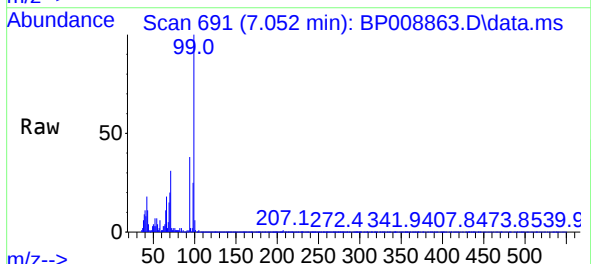
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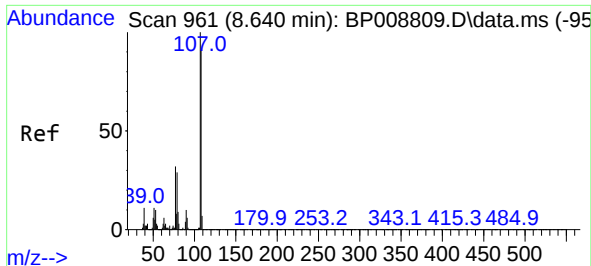
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#10
Phenol
Concen: 2.177 ng
RT: 7.052 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Tgt Ion: 94 Resp: 53853
Ion Ratio Lower Upper
94 100
65 29.5 4.1 44.1
66 47.2 12.4 52.4





#20
3+4-Methylphenols
Concen: 2.227 ng
RT: 8.634 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Instrument :

BNA_P

ClientSampleId :

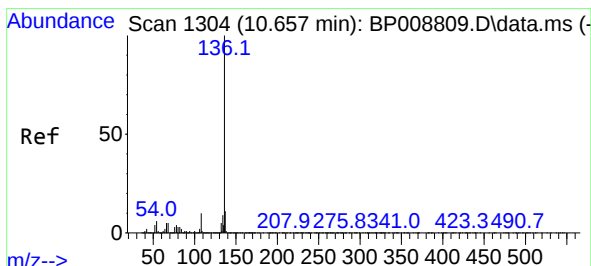
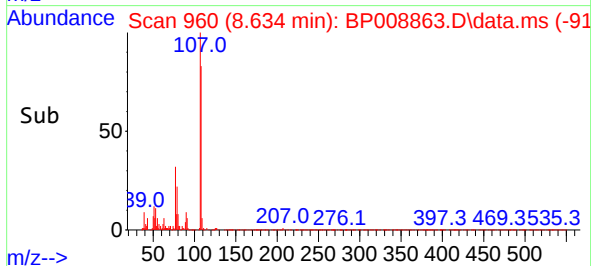
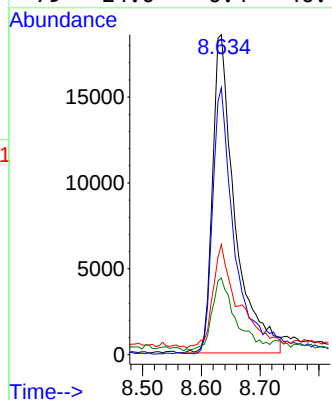
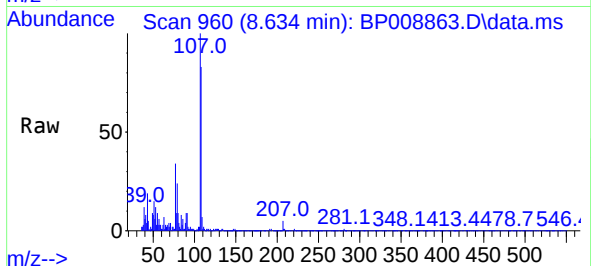
EME-TS-3

Tgt Ion:107 Resp: 4901
Ion Ratio Lower Upper
107 100
108 83.4 69.8 109.8
77 34.4 10.4 50.4
79 24.0 6.4 46.4

Manual Integrations

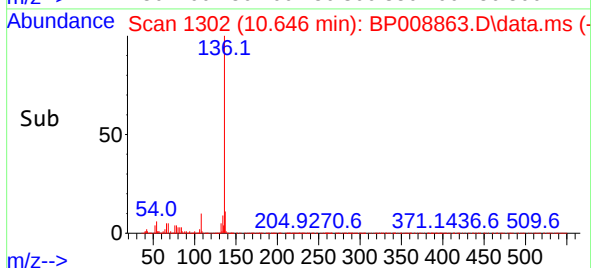
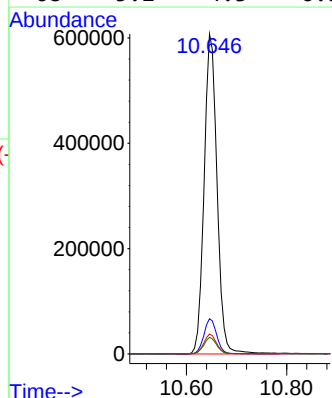
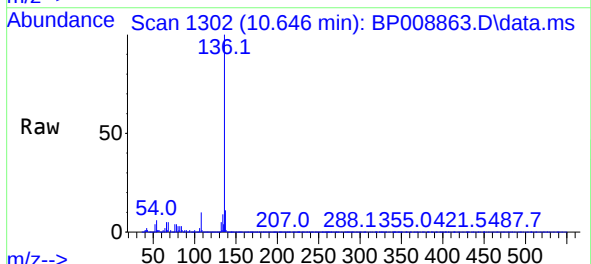
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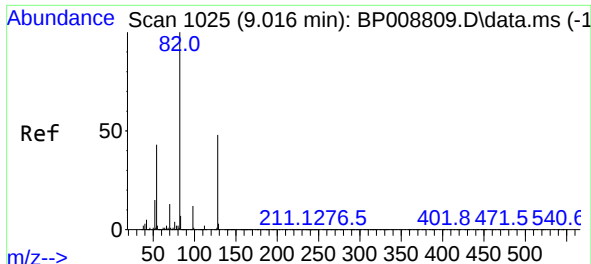
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1302
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Tgt Ion:136 Resp: 1085914
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.3 4.9 7.3
68 5.2 4.3 6.5





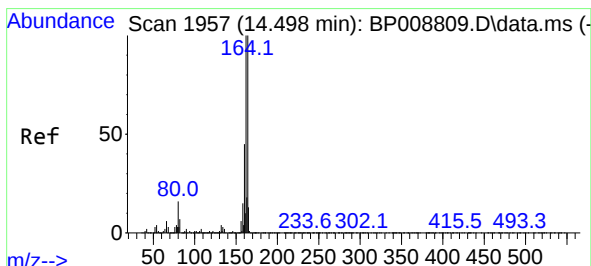
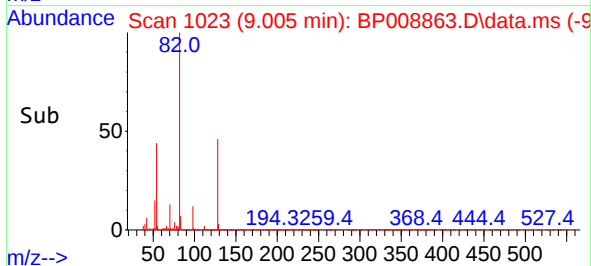
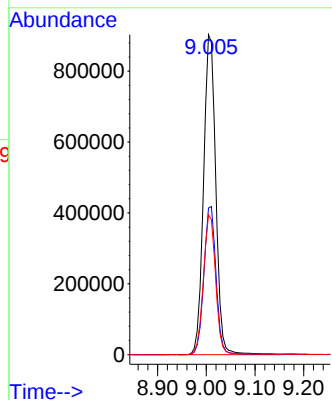
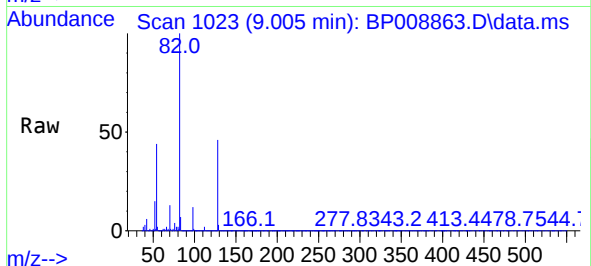
#23
Nitrobenzene-d5
Concen: 82.219 ng
RT: 9.005 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Instrument :
BNA_P
ClientSampleId :
EME-TS-3

Tgt Ion: 82 Resp: 1572608
Ion Ratio Lower Upper
82 100
128 45.9 39.4 59.2
54 43.7 32.6 48.8

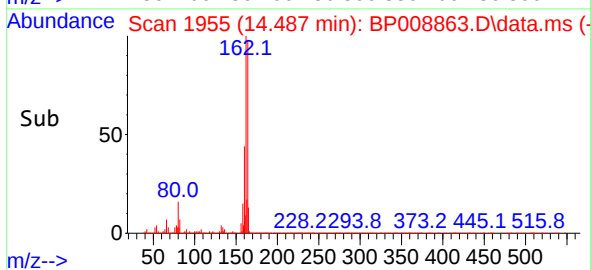
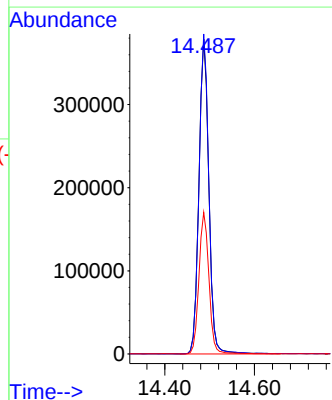
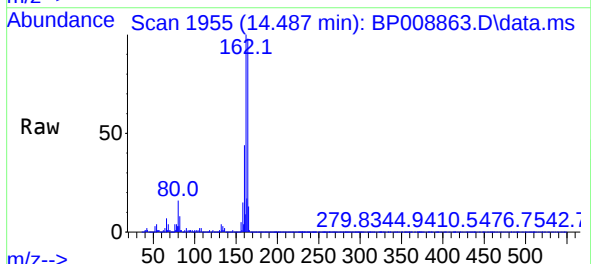
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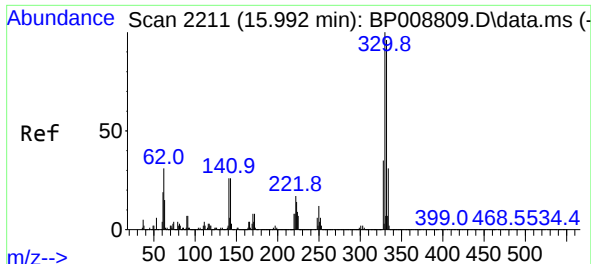
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

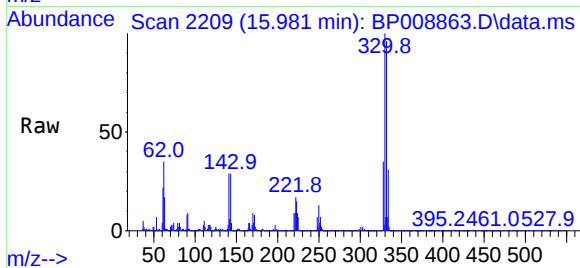
Tgt Ion:164 Resp: 580306
Ion Ratio Lower Upper
164 100
162 101.6 79.9 119.9
160 45.0 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 97.831 ng
RT: 15.981 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

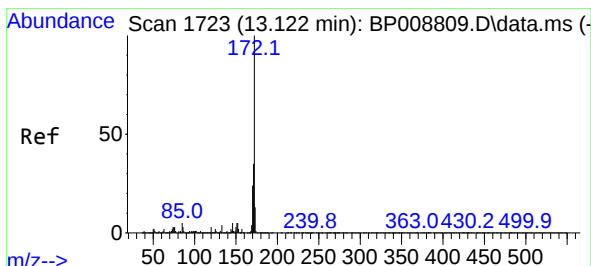
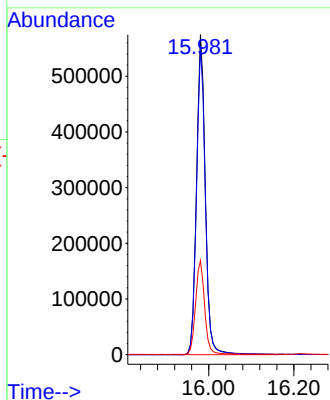
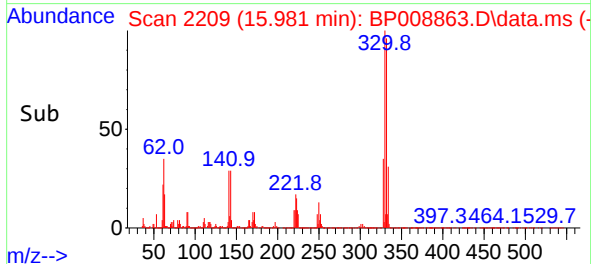
Instrument :
BNA_P
ClientSampleId :
EME-TS-3



Tgt Ion:330 Resp: 826372
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 30.0 21.3 31.9

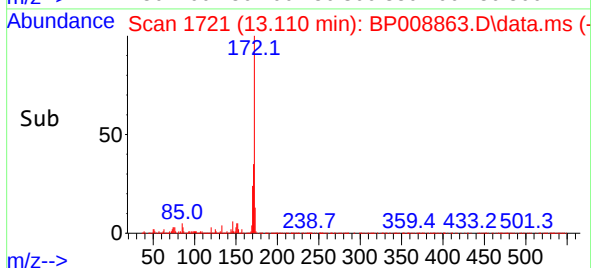
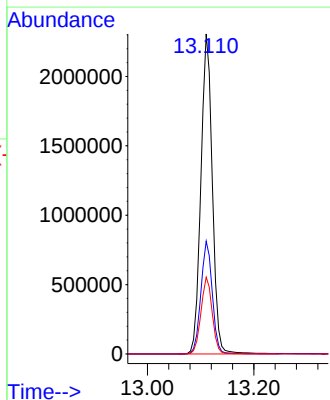
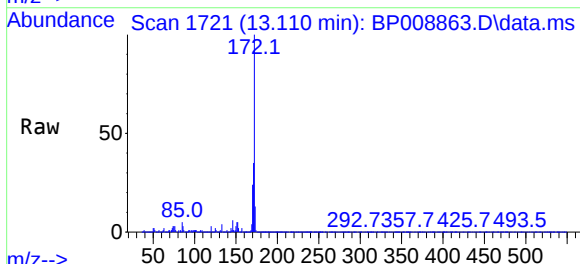
Manual Integrations
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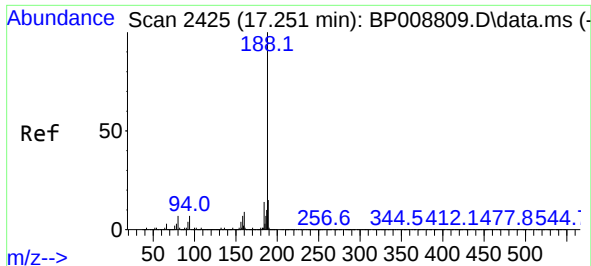
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#45
2-Fluorobiphenyl
Concen: 78.179 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

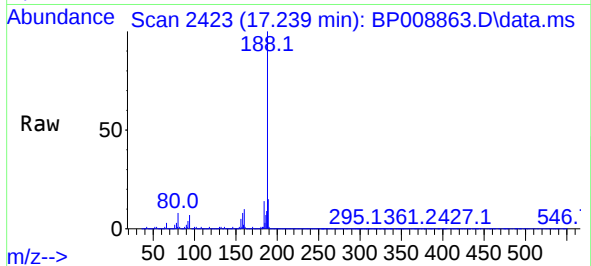
Tgt Ion:172 Resp: 3440231
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 24.0 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2425
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

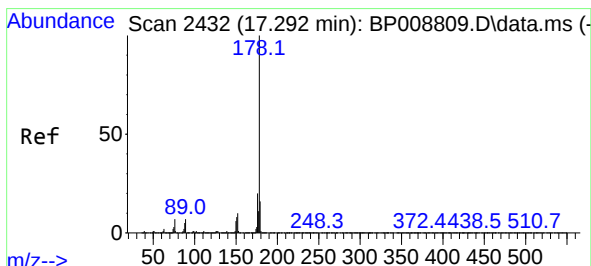
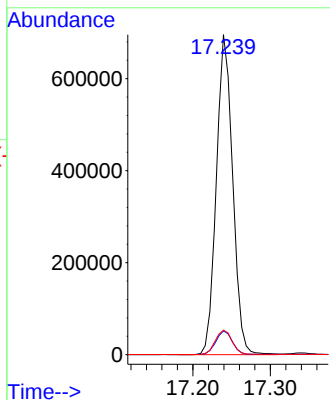
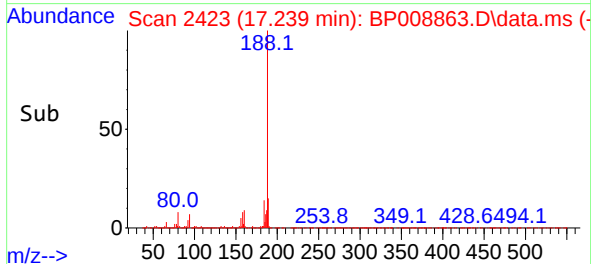
Instrument :
BNA_P
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EME-TS-3



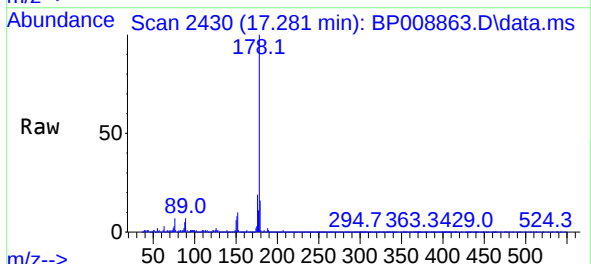
Tgt Ion:188 Resp: 1018658
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.6 7.2 10.8

Manual Integrations
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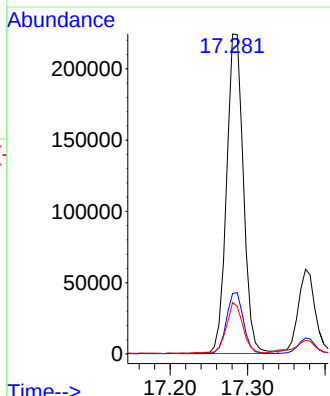
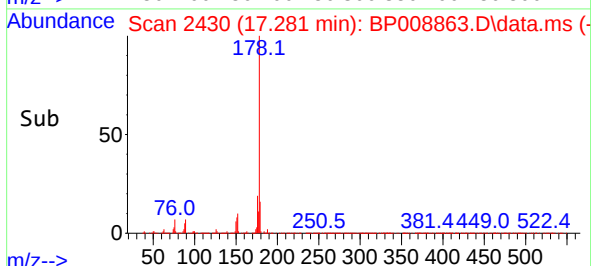
Reviewed By :Christian Giraldo 01/20/2022
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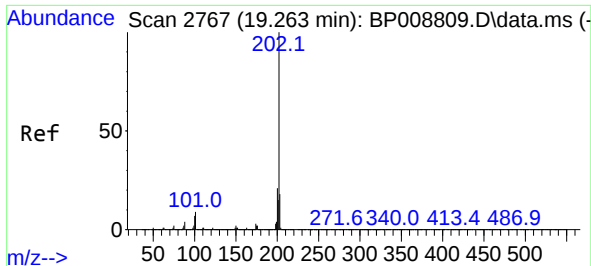


#71
Phenanthrene
Concen: 5.887 ng
RT: 17.281 min Scan# 2430
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22



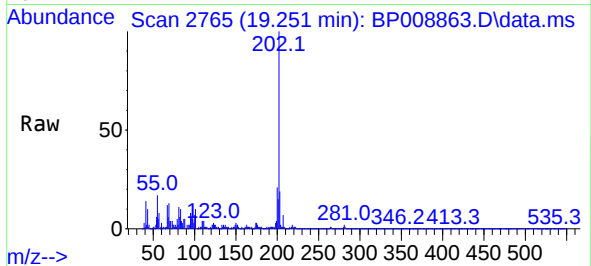
Tgt Ion:178 Resp: 337616
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 16.1 13.0 19.4





#75
Fluoranthene
Concen: 6.854 ng
RT: 19.251 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

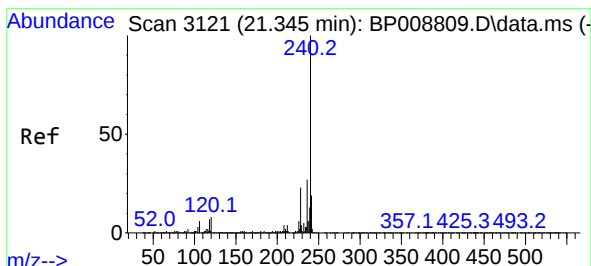
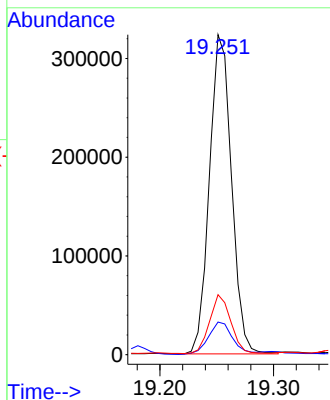
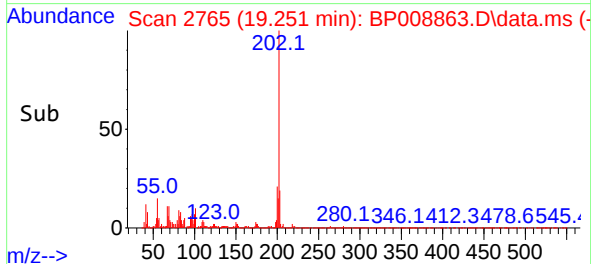
Instrument :
BNA_P
ClientSampleId :
EME-TS-3



Tgt Ion:202 Resp: 43713
Ion Ratio Lower Upper
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101 10.2 0.0 30.7
203 18.8 0.0 38.9

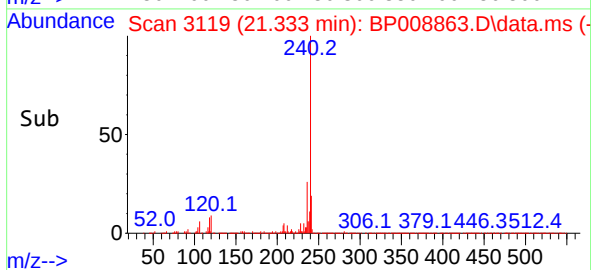
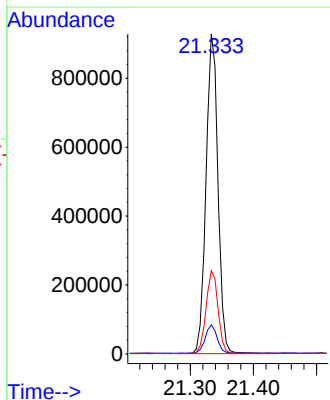
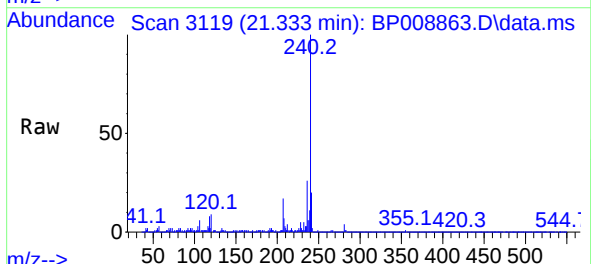
Manual Integrations
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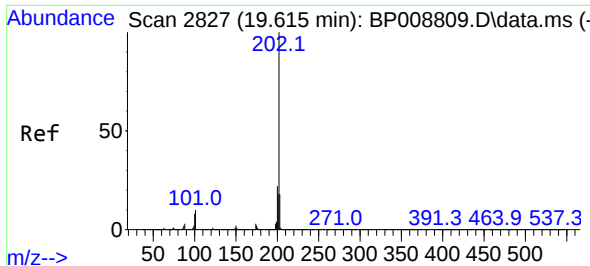
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

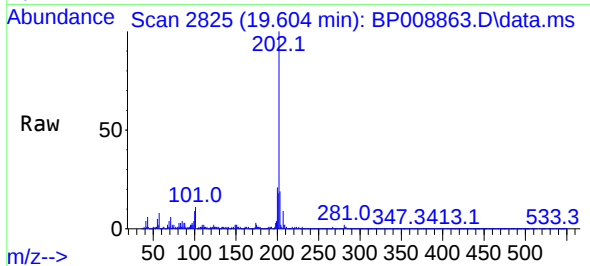
Tgt Ion:240 Resp: 1217602
Ion Ratio Lower Upper
240 100
120 9.1 7.7 11.5
236 26.0 21.2 31.8





#78
Pyrene
Concen: 5.080 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

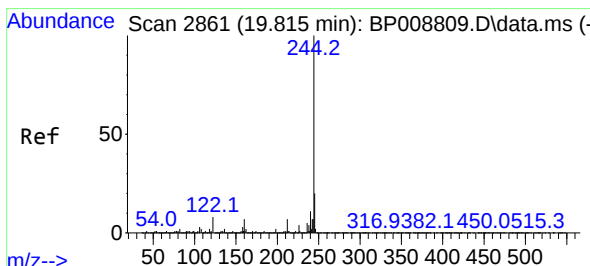
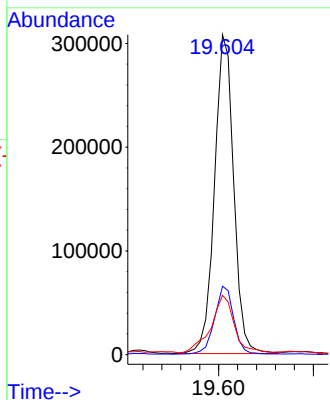
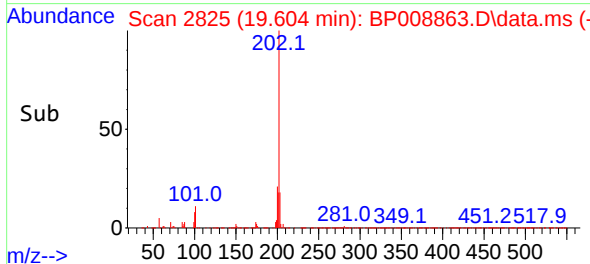
Instrument :
BNA_P
ClientSampleId :
EME-TS-3



Tgt Ion:202 Resp: 43159
Ion Ratio Lower Upper
202 100
200 21.4 18.0 27.0
203 18.5 15.0 22.6

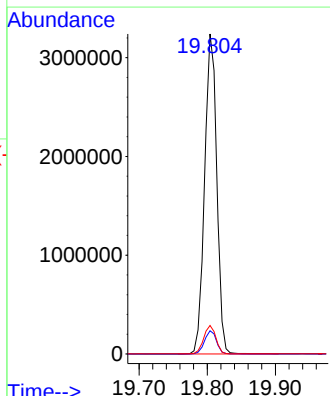
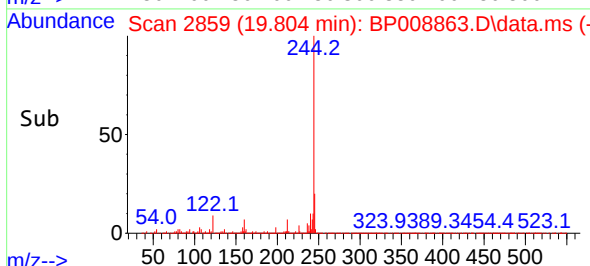
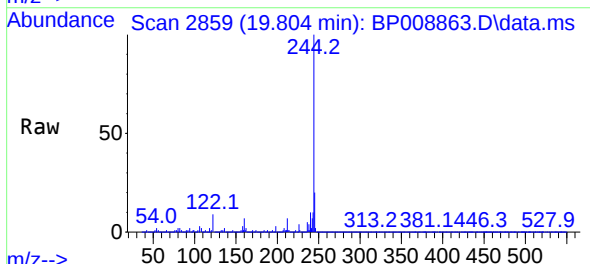
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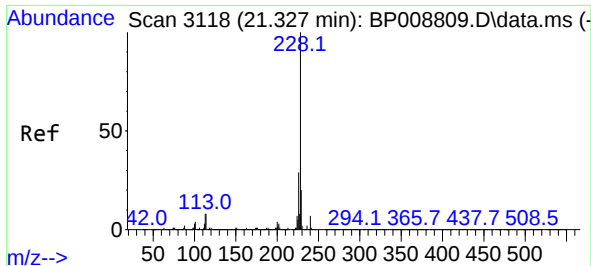
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#79
Terphenyl-d14
Concen: 55.664 ng
RT: 19.804 min Scan# 2859
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

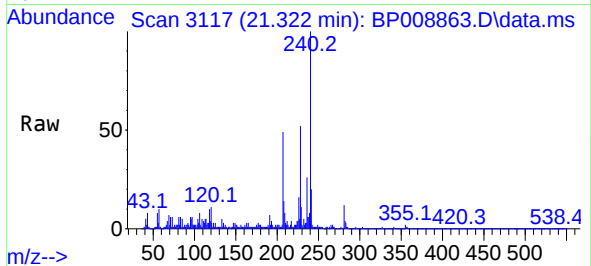
Tgt Ion:244 Resp: 4015376
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 8.9 9.2 13.8#





#81
Benzo(a)anthracene
Concen: 2.693 ng
RT: 21.322 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

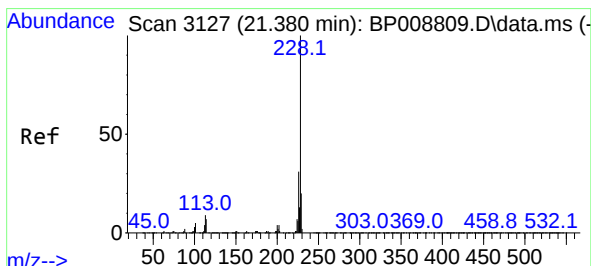
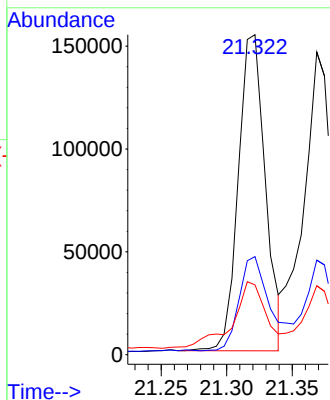
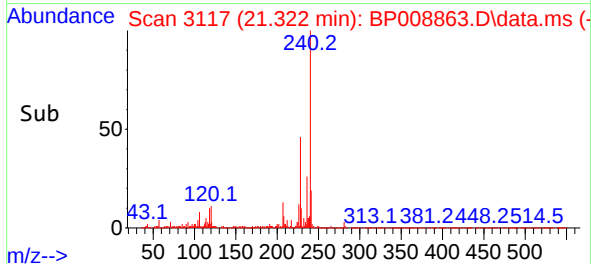
Instrument :
BNA_P
ClientSampleId :
EME-TS-3



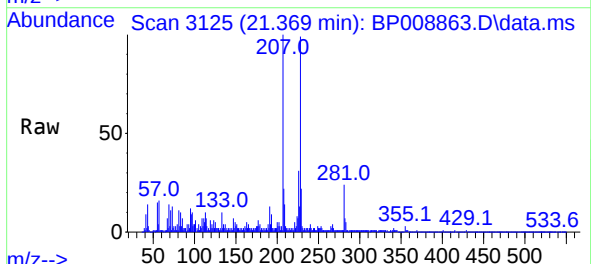
Tgt Ion:228 Resp: 220630
Ion Ratio Lower Upper
228 100
226 30.6 23.3 34.9
229 21.8 17.0 25.6

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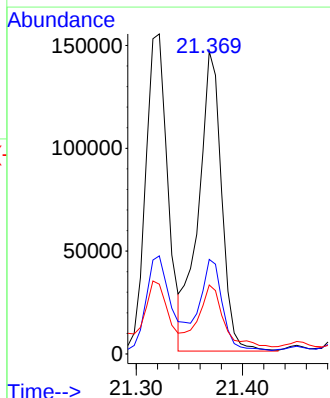
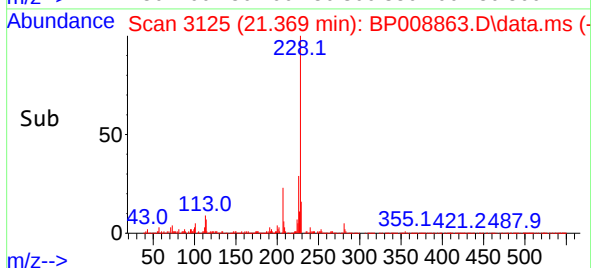
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022

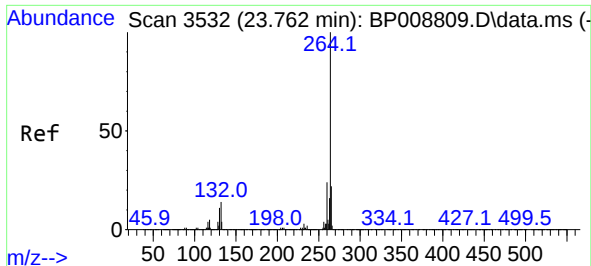


#83
Chrysene
Concen: 2.806 ng m
RT: 21.369 min Scan# 3125
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22



Tgt Ion:228 Resp: 222803
Ion Ratio Lower Upper
228 100
226 31.3 26.0 39.0
229 22.8 16.9 25.3





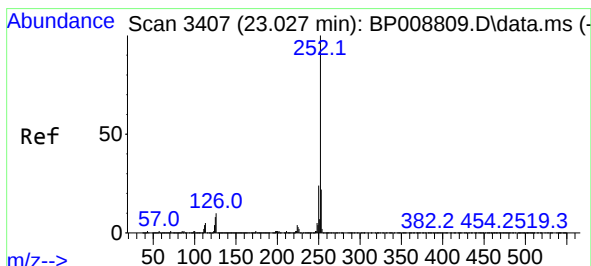
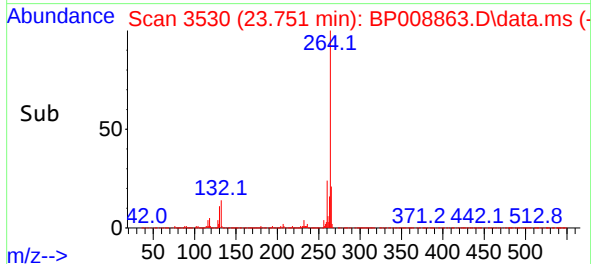
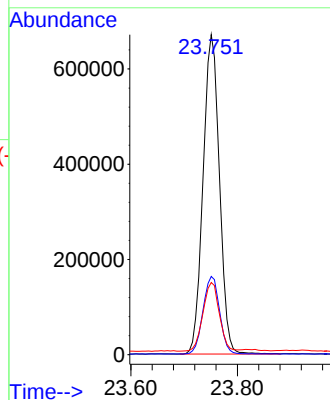
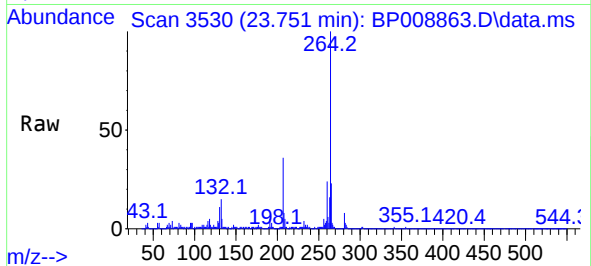
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 31
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Instrument :
BNA_P
ClientSampleId :
EME-TS-3

Tgt Ion:264 Resp: 1431780
Ion Ratio Lower Upper
264 100
260 24.4 19.1 28.7
265 22.6 17.1 25.7

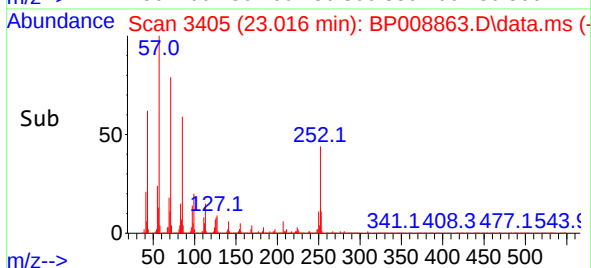
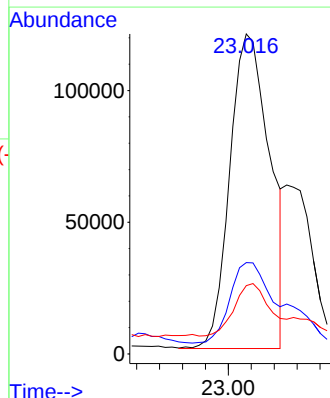
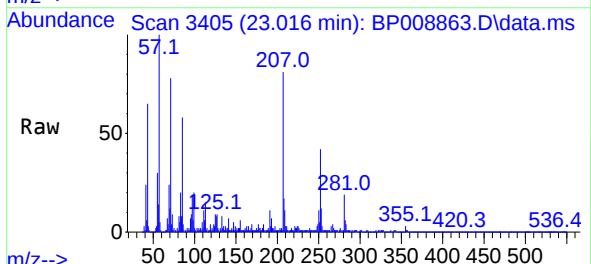
Manual Integrations
APPROVED

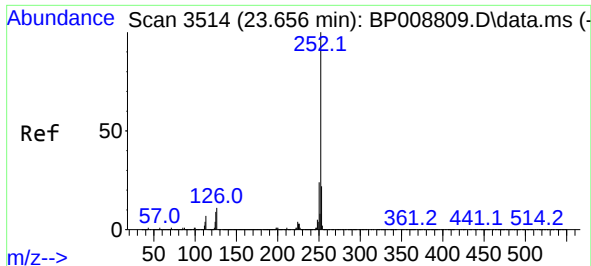
Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022



#88
Benzo(b)fluoranthene
Concen: 3.029 ng m
RT: 23.016 min Scan# 3405
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

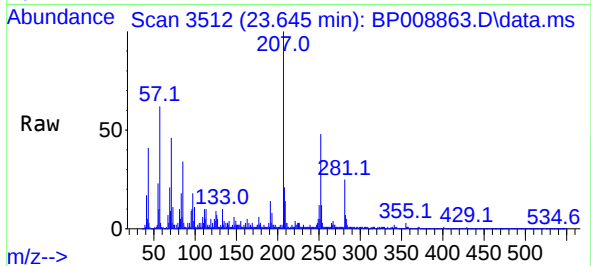
Tgt Ion:252 Resp: 289587
Ion Ratio Lower Upper
252 100
253 28.6 18.0 27.0#
125 21.3 6.9 10.3#





#90
Benzo(a)pyrene
Concen: 2.348 ng
RT: 23.645 min Scan# 30
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Instrument :
BNA_P
ClientSampleId :
EME-TS-3



Tgt Ion:252 Resp: 21669
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.8
125 19.0 7.8 11.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022

