

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
 Data File : BP008606.D
 Acq On : 30 Dec 2021 12:50
 Operator : CG/JU
 Sample : M5237-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1D

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 14:08:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	603309	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	1948044	20.000	ng	# 0.00
39) Acenaphthene-d10	14.528	164	1063082	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	2049294	20.000	ng	0.00
76) Chrysene-d12	21.357	240	2520579	20.000	ng	0.00
86) Perylene-d12	23.780	264	3141239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3802134	115.031	ng	0.00
7) Phenol-d6	7.057	99	4505646	97.934	ng	0.00
23) Nitrobenzene-d5	9.051	82	2713518	82.864	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	1527988	106.235	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	6006901	81.865	ng	0.00
79) Terphenyl-d14	19.833	244	8421804	68.221	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.928	122	143065	8.474	ng	89
38) 1-Methylnaphthalene	12.575	142	660072	8.871	ng	# 98
58) Fluorene	15.575	166	268919	3.476	ng	# 77
71) Phenanthrene	17.316	178	1153612	10.441	ng	# 88
72) Anthracene	17.410	178	263785	2.450	ng	# 61
78) Pyrene	19.633	202	564087	3.440	ng	# 85
83) Chrysene	21.392	228	407784m	2.667	ng	

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

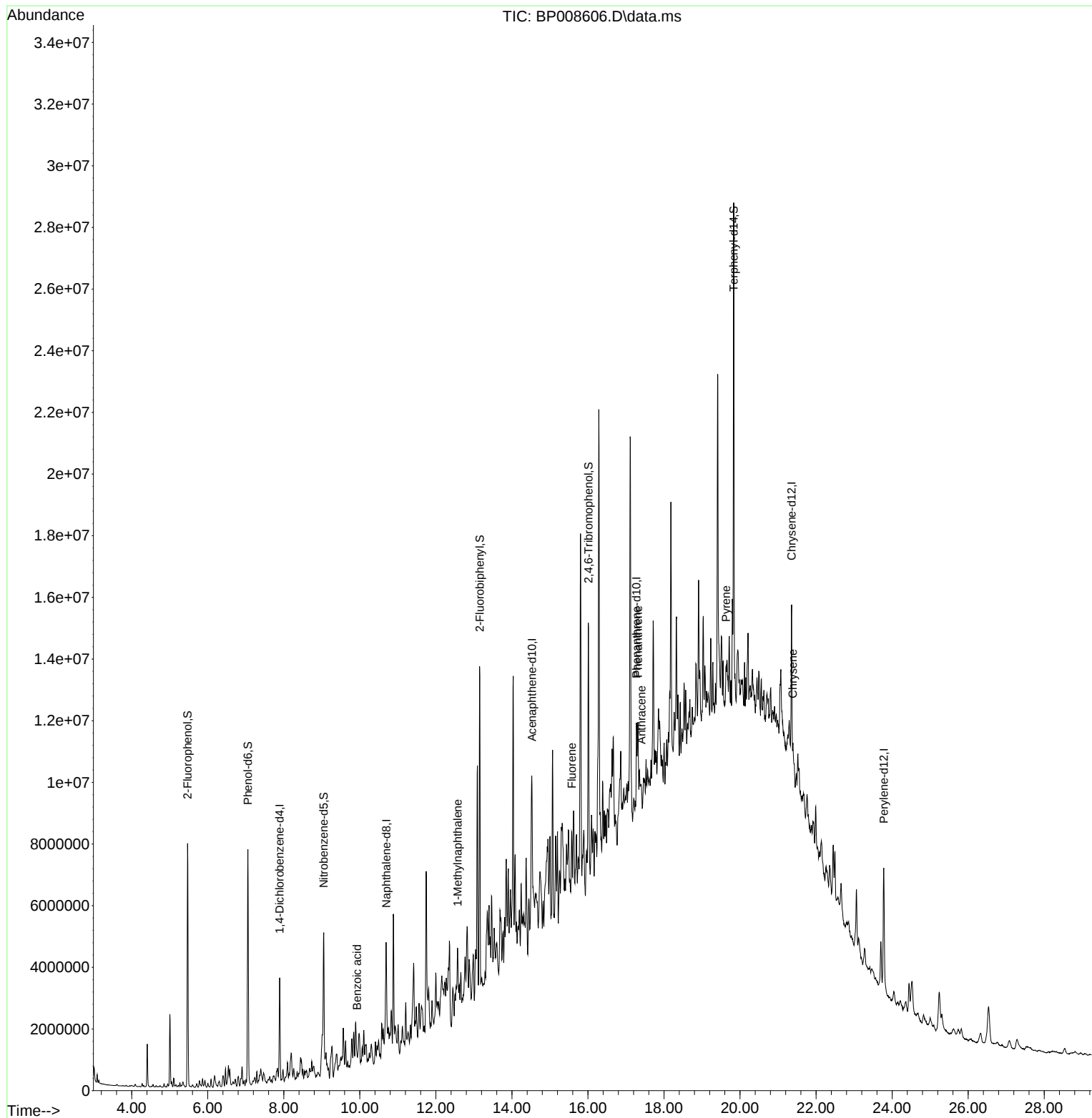
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Data File : BP008606.D
Acq On : 30 Dec 2021 12:50
Operator : CG/JU
Sample : M5237-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

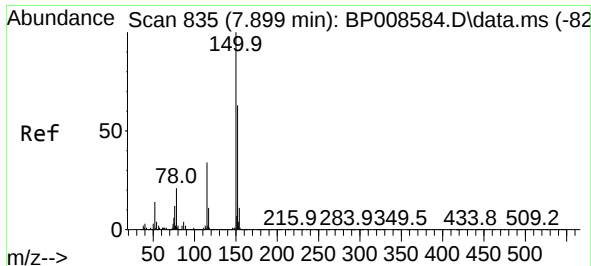
Instrument :
BNA_P
ClientSampleId :
TP-1D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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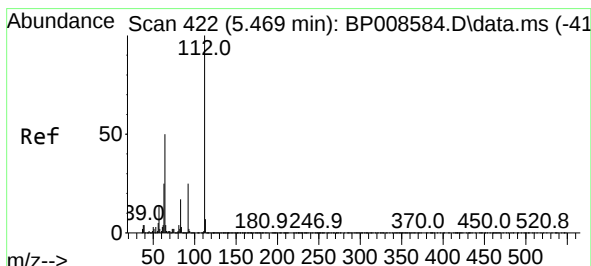
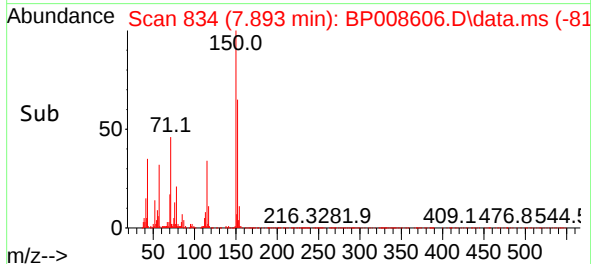
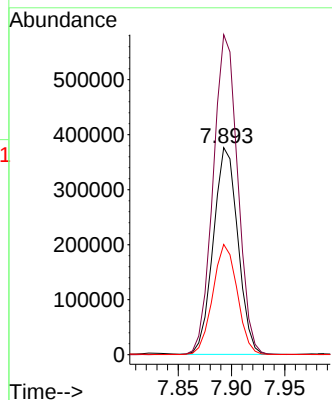
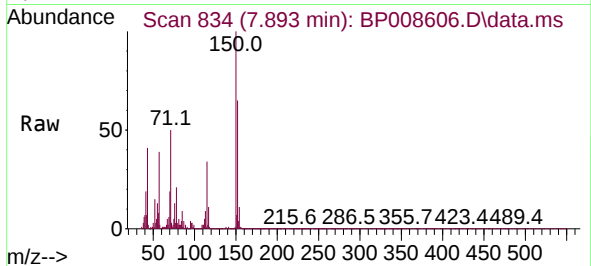
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Instrument :
BNA_P
ClientSampleId :
TP-1D

Tgt Ion:152 Resp: 603309
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 53.2 43.7 65.5

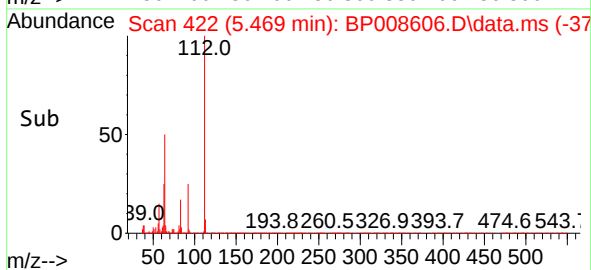
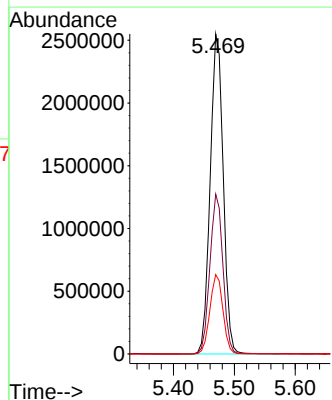
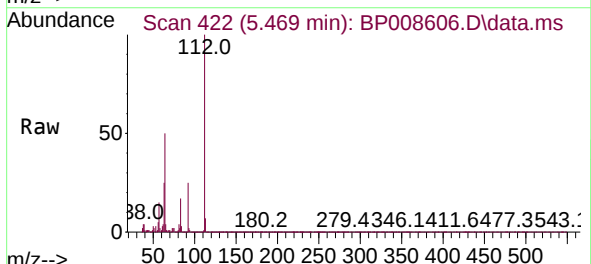
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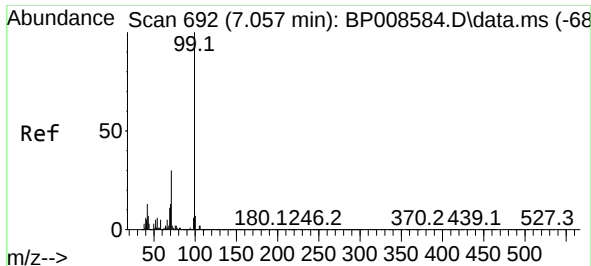
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#5
2-Fluorophenol
Concen: 115.031 ng
RT: 5.469 min Scan# 422
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

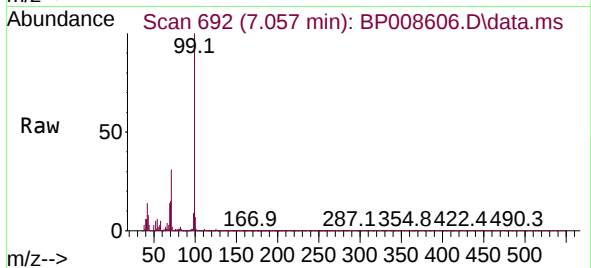
Tgt Ion:112 Resp: 3802134
Ion Ratio Lower Upper
112 100
64 50.0 39.7 59.5
63 24.8 20.0 30.0





#7
Phenol-d6
Concen: 97.934 ng
RT: 7.057 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

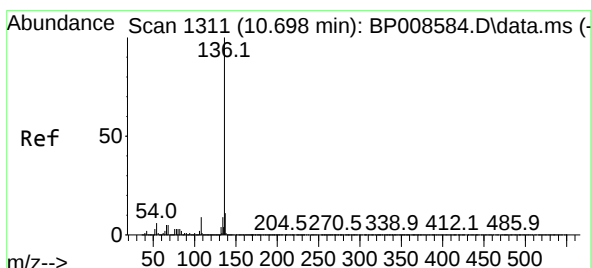
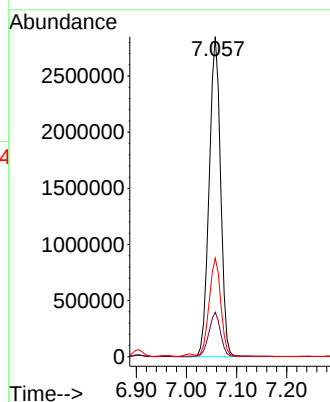
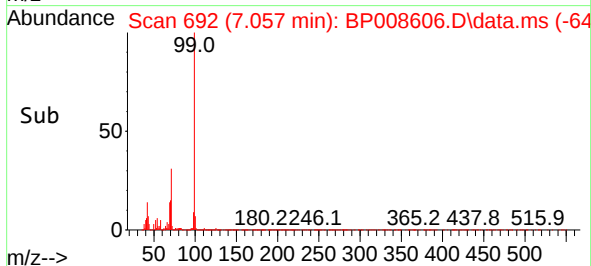
Instrument :
BNA_P
ClientSampleId :
TP-1D



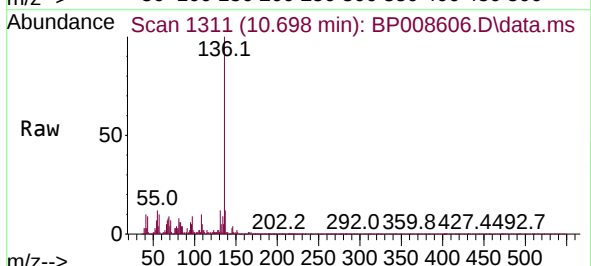
Tgt Ion: 99 Resp: 450564
Ion Ratio Lower Upper
99 100
42 13.9 10.8 16.2
71 30.9 23.8 35.6

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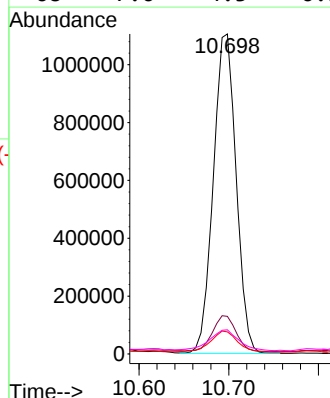
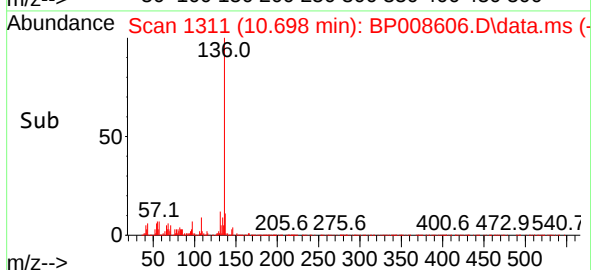
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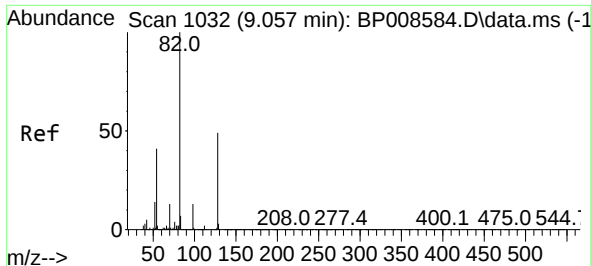


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50



Tgt Ion:136 Resp: 1948044
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 6.9 4.9 7.3
68 7.6 4.3 6.5#





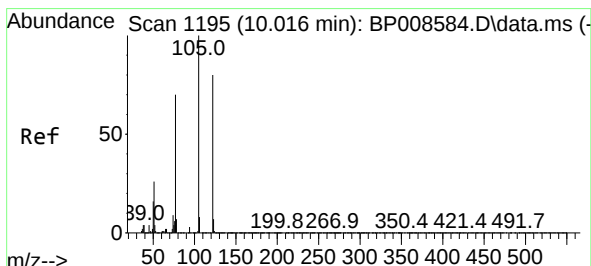
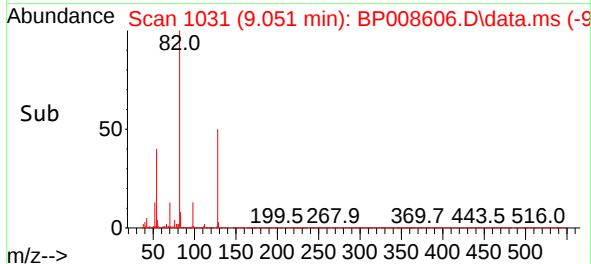
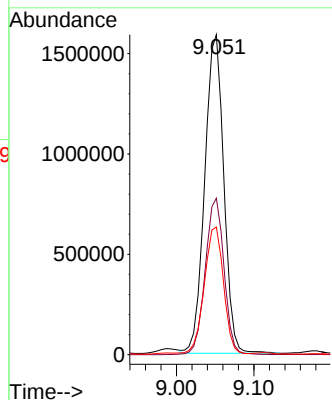
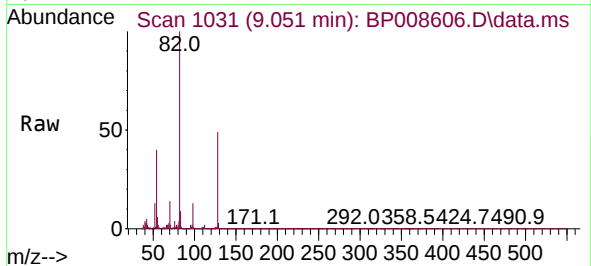
#23
Nitrobenzene-d5
Concen: 82.864 ng
RT: 9.051 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Instrument :
BNA_P
ClientSampleId :
TP-1D

Tgt Ion: 82 Resp: 2713518
Ion Ratio Lower Upper
82 100
128 48.9 39.4 59.2
54 39.9 32.6 48.8

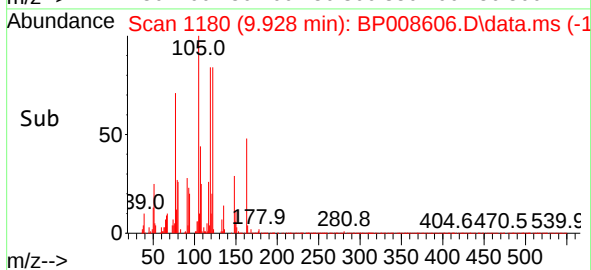
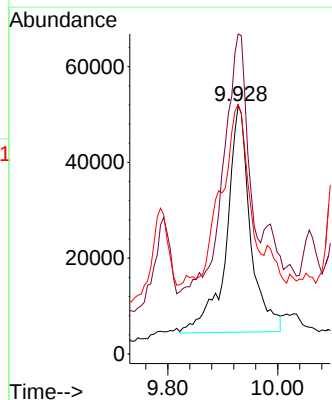
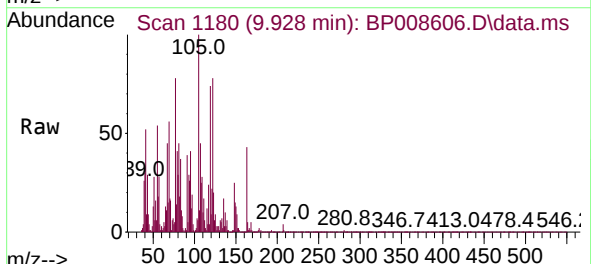
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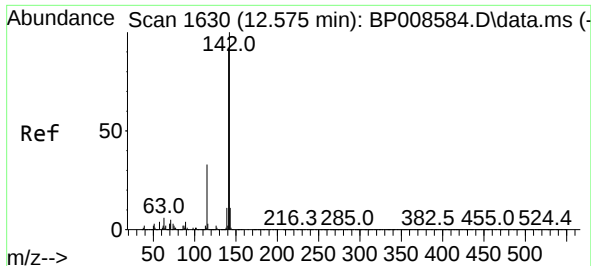
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#32
Benzoic acid
Concen: 8.474 ng
RT: 9.928 min Scan# 1180
Delta R.T. -0.088 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Tgt Ion:122 Resp: 143065
Ion Ratio Lower Upper
122 100
105 128.9 100.1 140.1
77 100.5 65.5 105.5





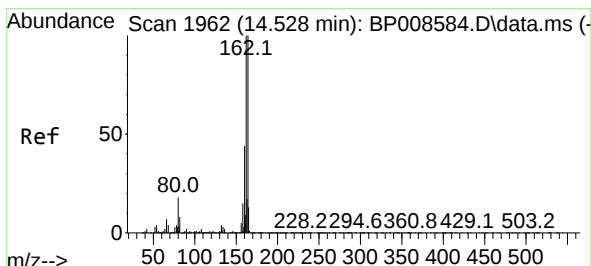
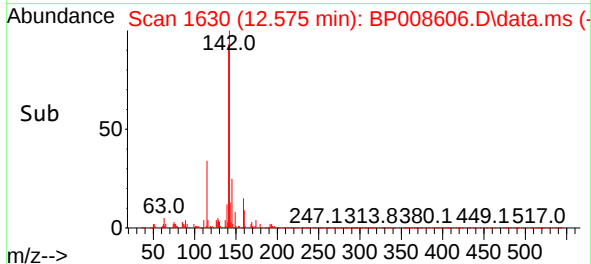
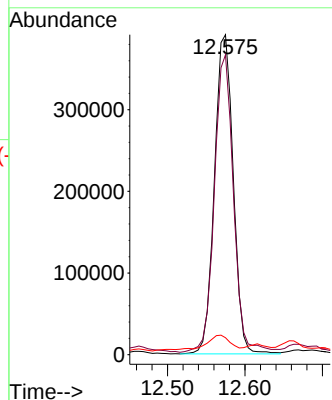
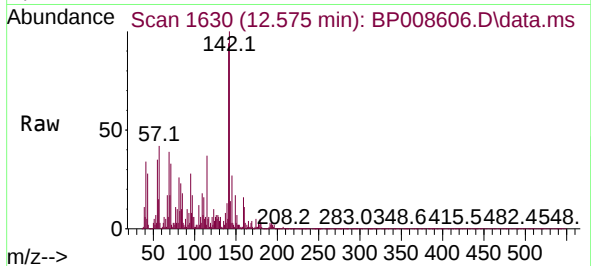
#38
1-Methylnaphthalene
Concen: 8.871 ng
RT: 12.575 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Instrument :
BNA_P
ClientSampleId :
TP-1D

Tgt Ion:142 Resp: 660072
Ion Ratio Lower Upper
142 100
141 93.7 73.2 109.8
116 5.3 2.7 4.1

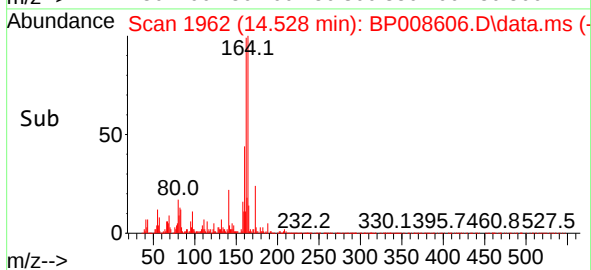
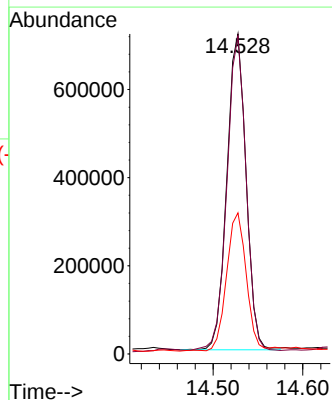
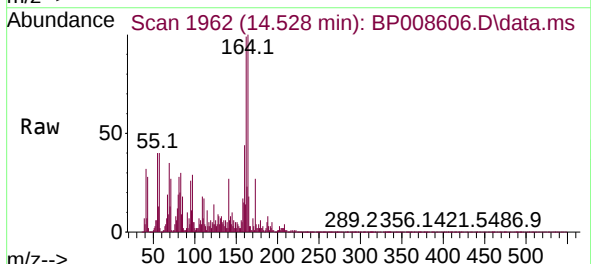
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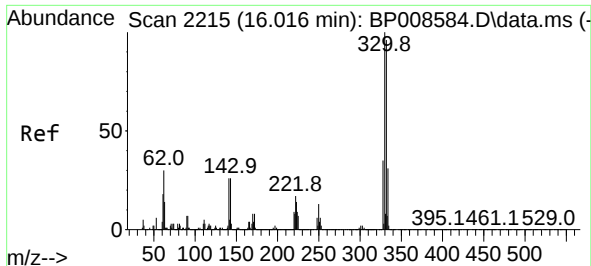
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

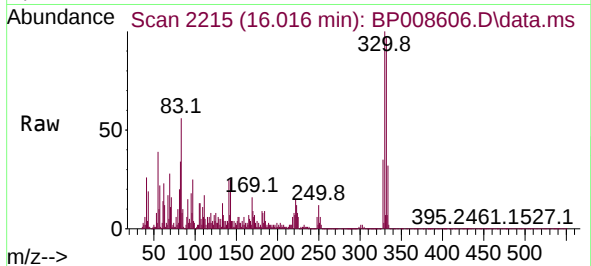
Tgt Ion:164 Resp: 1063082
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 44.1 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 106.235 ng
RT: 16.016 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

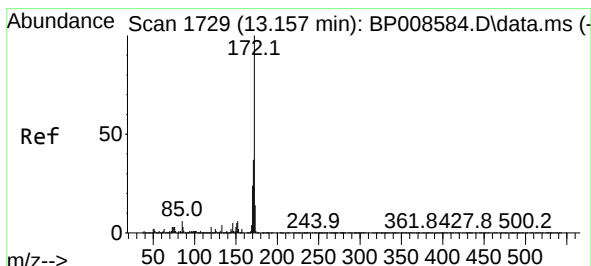
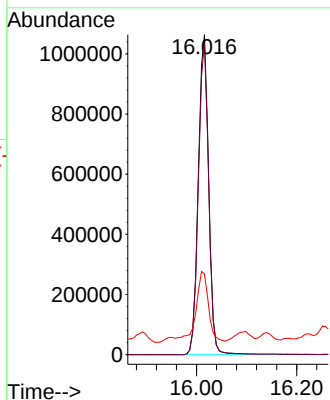
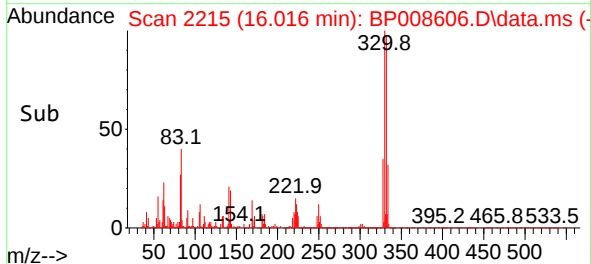
Instrument :
BNA_P
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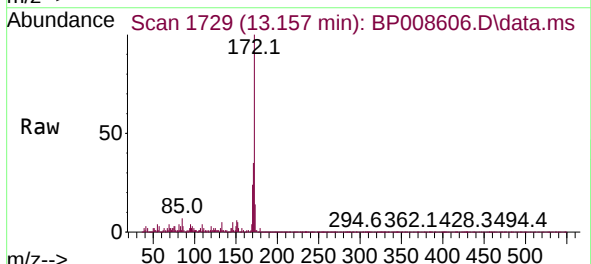
Tgt Ion:330 Resp: 1527988
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 25.1 21.3 31.9

Manual Integrations
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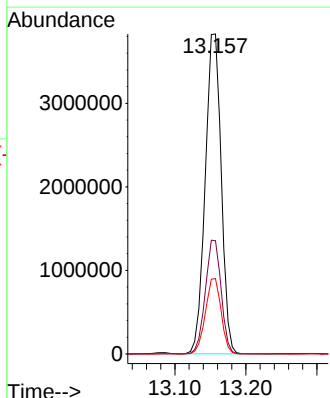
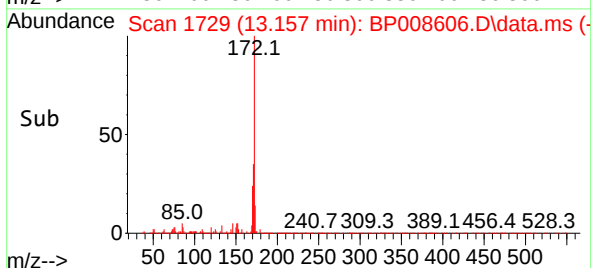
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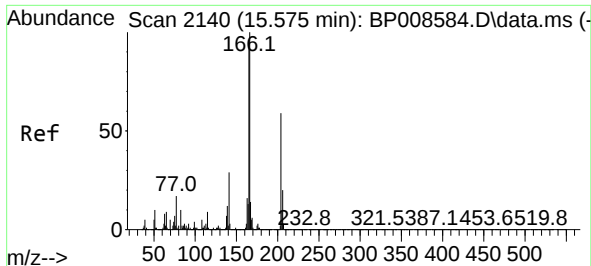


#45
2-Fluorobiphenyl
Concen: 81.865 ng
RT: 13.157 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50



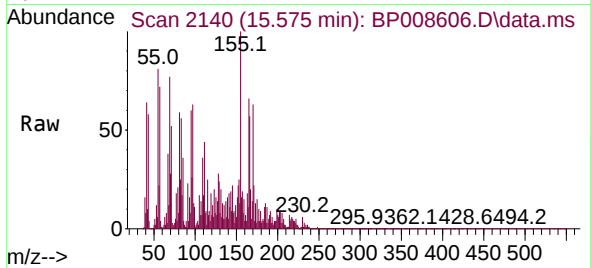
Tgt Ion:172 Resp: 6006901
Ion Ratio Lower Upper
172 100
171 35.4 29.3 43.9
170 23.5 19.5 29.3





#58
Fluorene
Concen: 3.476 ng
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

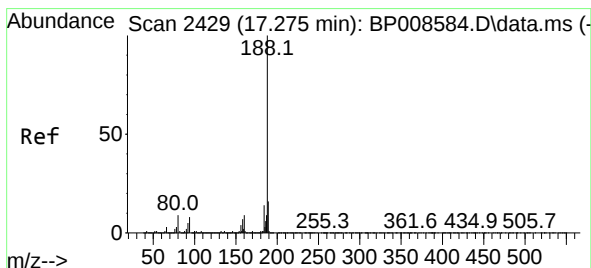
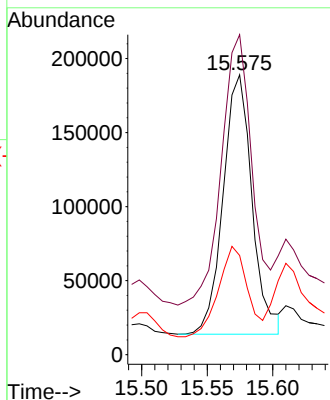
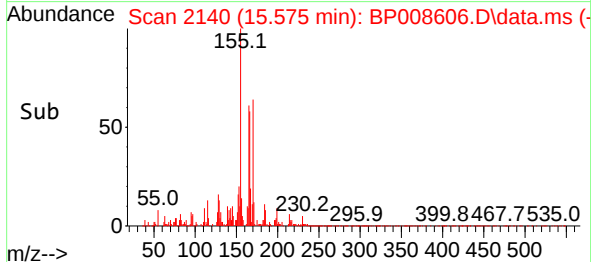
Instrument :
BNA_P
ClientSampleId :
TP-1D



Tgt Ion:166 Resp: 268919
Ion Ratio Lower Upper
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165 114.3 77.2 115.8
167 35.4 11.2 16.8

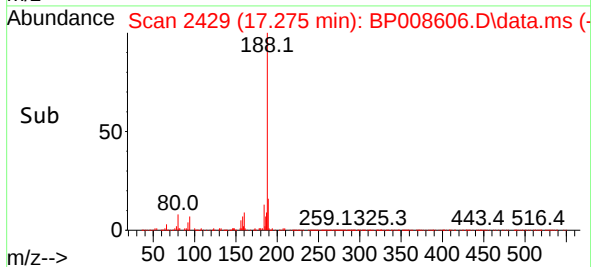
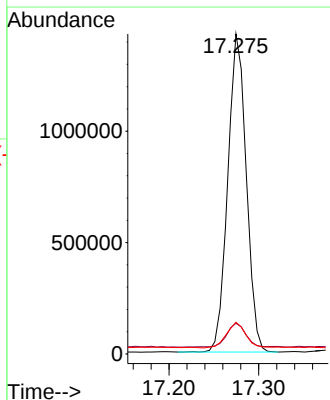
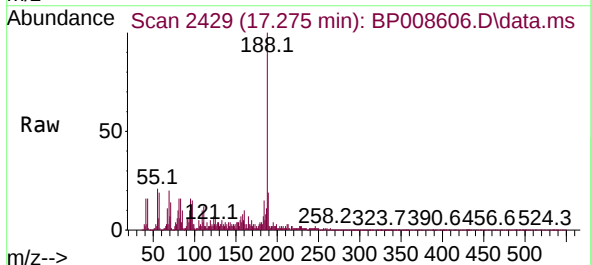
Manual Integrations
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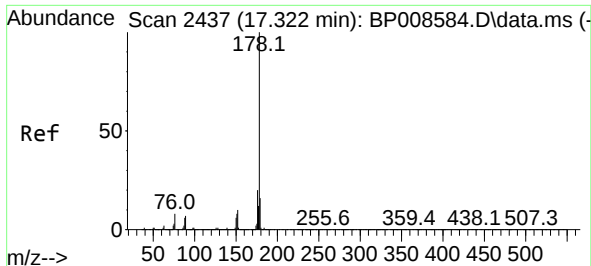
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

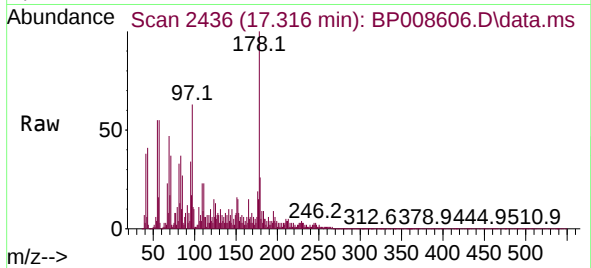
Tgt Ion:188 Resp: 2049294
Ion Ratio Lower Upper
188 100
94 9.6 6.8 10.2
80 9.9 7.2 10.8





#71
Phenanthrene
Concen: 10.441 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

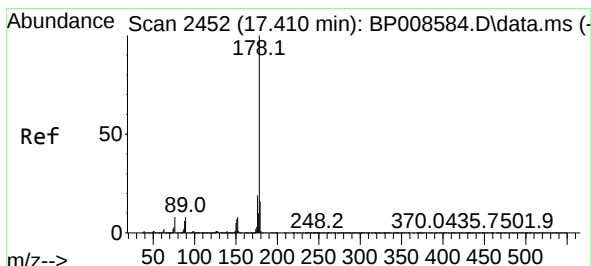
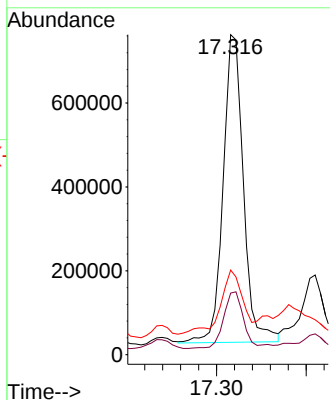
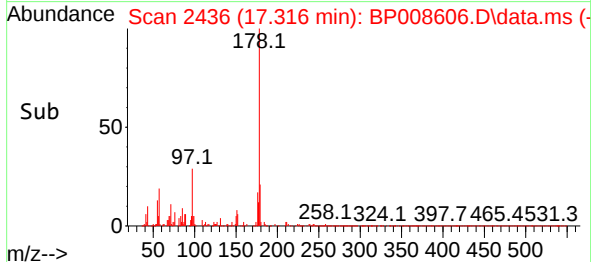
Instrument :
BNA_P
ClientSampleId :
TP-1D



Tgt Ion:178 Resp: 115361
Ion Ratio Lower Upper
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176 19.3 16.0 24.0
179 26.5 13.0 19.4

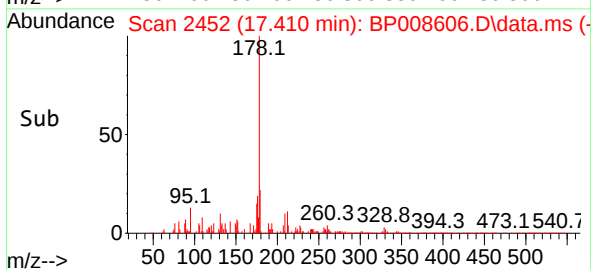
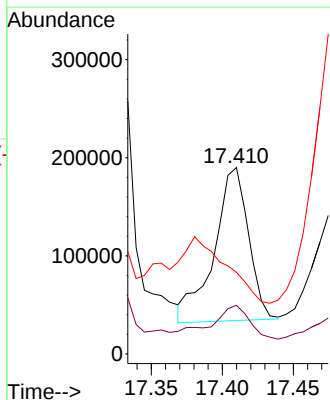
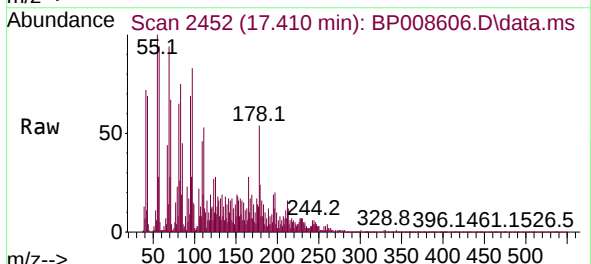
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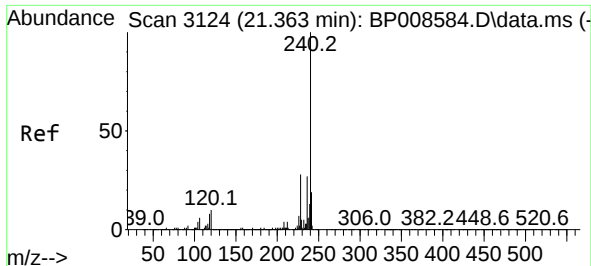
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#72
Anthracene
Concen: 2.450 ng
RT: 17.410 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

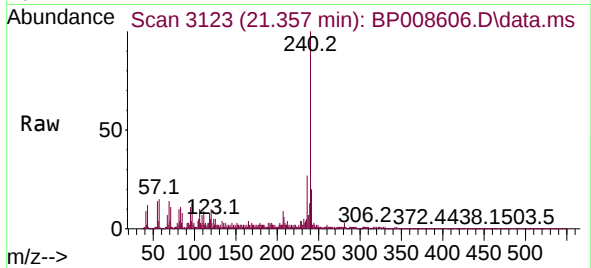
Tgt Ion:178 Resp: 263785
Ion Ratio Lower Upper
178 100
176 26.1 15.1 22.7#
179 43.8 12.8 19.2#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

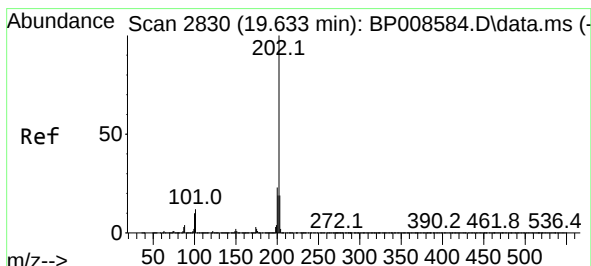
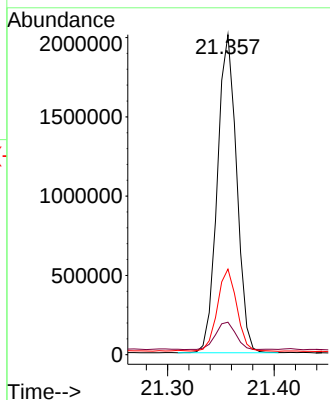
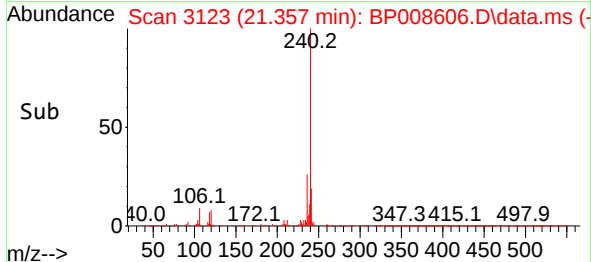
Instrument :
BNA_P
ClientSampleId :
TP-1D



Tgt Ion:240 Resp: 2520579
Ion Ratio Lower Upper
240 100
120 10.2 7.7 11.5
236 26.8 21.2 31.8

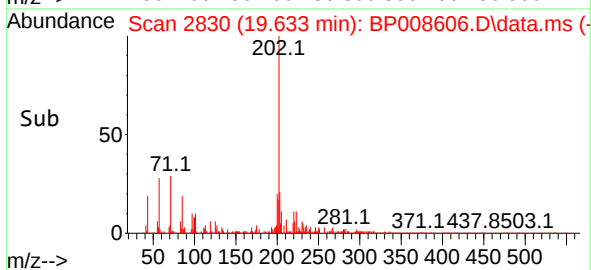
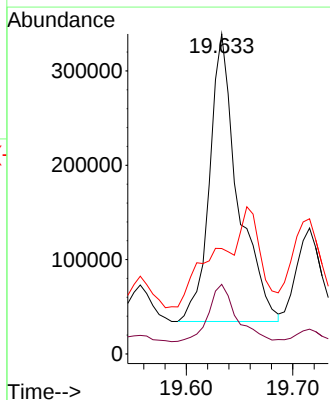
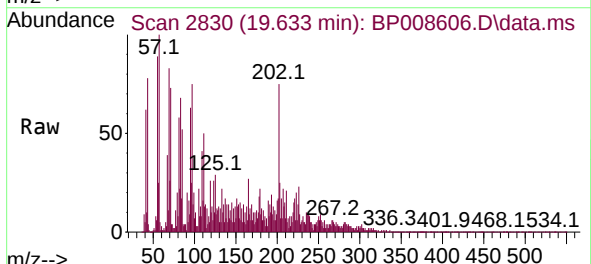
Manual Integrations
APPROVED

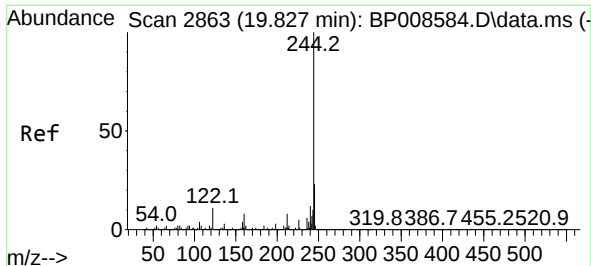
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#78
Pyrene
Concen: 3.440 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

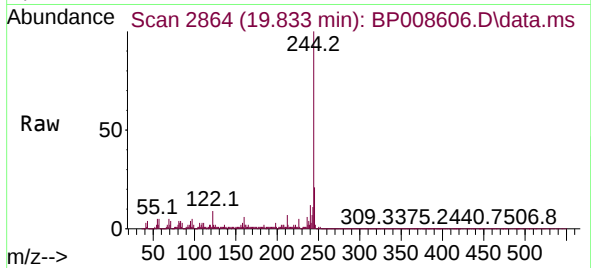
Tgt Ion:202 Resp: 564087
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 33.0 15.0 22.6#





#79
 Terphenyl-d14
 Concen: 68.221 ng
 RT: 19.833 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP008606.D
 Acq: 30 Dec 2021 12:50

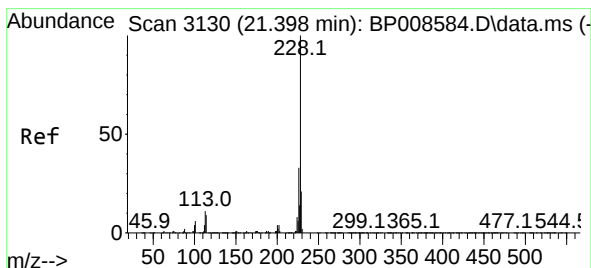
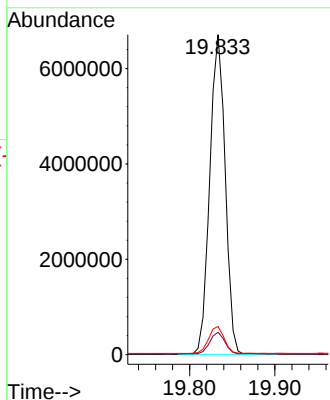
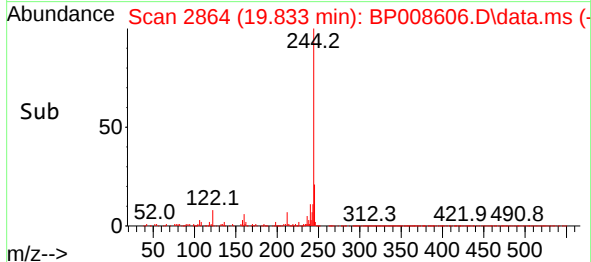
Instrument :
 BNA_P
 ClientSampleId :
 TP-1D



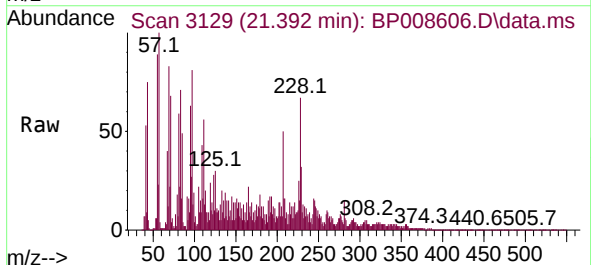
Tgt Ion:244 Resp: 8421804
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 8.8 9.2 13.8

Manual Integrations
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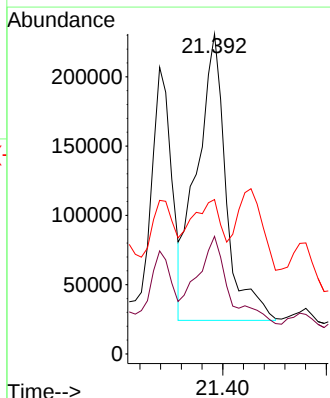
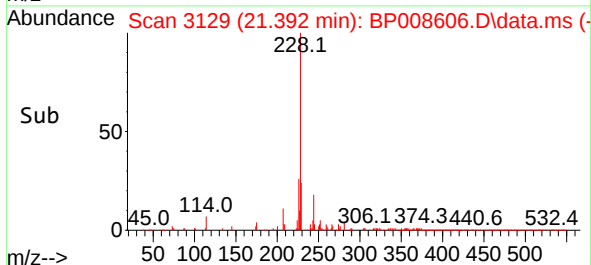
Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/31/2021

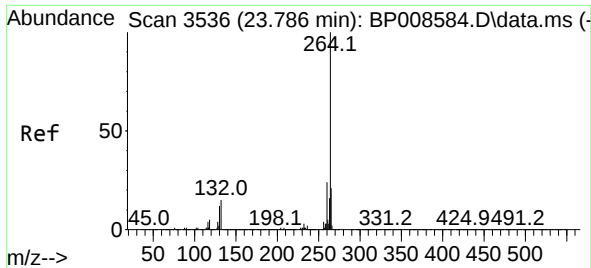


#83
 Chrysene
 Concen: 2.667 ng m
 RT: 21.392 min Scan# 3129
 Delta R.T. -0.006 min
 Lab File: BP008606.D
 Acq: 30 Dec 2021 12:50



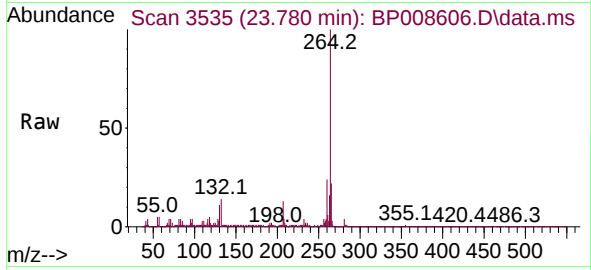
Tgt Ion:228 Resp: 407784
 Ion Ratio Lower Upper
 228 100
 226 36.8 26.0 39.0
 229 48.2 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3141239
Delta R.T. -0.006 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Instrument :
BNA_P
ClientSampleId :
TP-1D



Tgt Ion:264 Resp: 3141239
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.0 17.1 25.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

