

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021554.D
 Acq On : 19 Aug 2024 15:15
 Operator : RC/JU
 Sample : P3518-09RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-05-080724RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 19 15:49:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							08/20/2024
1) 1,4-Dichlorobenzene-d4	7.805	152	380459	20.000	ng	0.00	Supervised By :mohammad ahmed
21) Naphthalene-d8	10.593	136	1641031	20.000	ng	0.00	
39) Acenaphthene-d10	14.451	164	1066429	20.000	ng	0.00	
64) Phenanthrene-d10	17.251	188	2220298	20.000	ng	0.00	
76) Chrysene-d12	21.704	240	1966852	20.000	ng	0.00	
86) Perylene-d12	25.145	264	2303251	20.000	ng	0.01	08/21/2024
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2193280	85.600	ng	0.00	
7) Phenol-d6	6.969	99	3224405	86.266	ng	0.00	
23) Nitrobenzene-d5	8.952	82	1847586	58.112	ng	0.00	
42) 2,4,6-Tribromophenol	15.957	330	1052833	88.705	ng	-0.01	
45) 2-Fluorobiphenyl	13.057	172	2711670	38.806	ng	0.00	
79) Terphenyl-d14	19.969	244	4109722	40.593	ng	0.00	
Target Compounds						Qvalue	
71) Phenanthrene	17.292	178	258450	2.420	ng	98	
75) Fluoranthene	19.375	202	668199	5.100	ng	99	
78) Pyrene	19.745	202	624189	4.855	ng	99	
81) Benzo(a)anthracene	21.686	228	288032	2.333	ng	92	
83) Chrysene	21.751	228	330765m	2.837	ng		
88) Benzo(b)fluoranthene	24.062	252	455483	3.443	ng	#	95
90) Benzo(a)pyrene	24.980	252	301205	2.624	ng	#	95

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

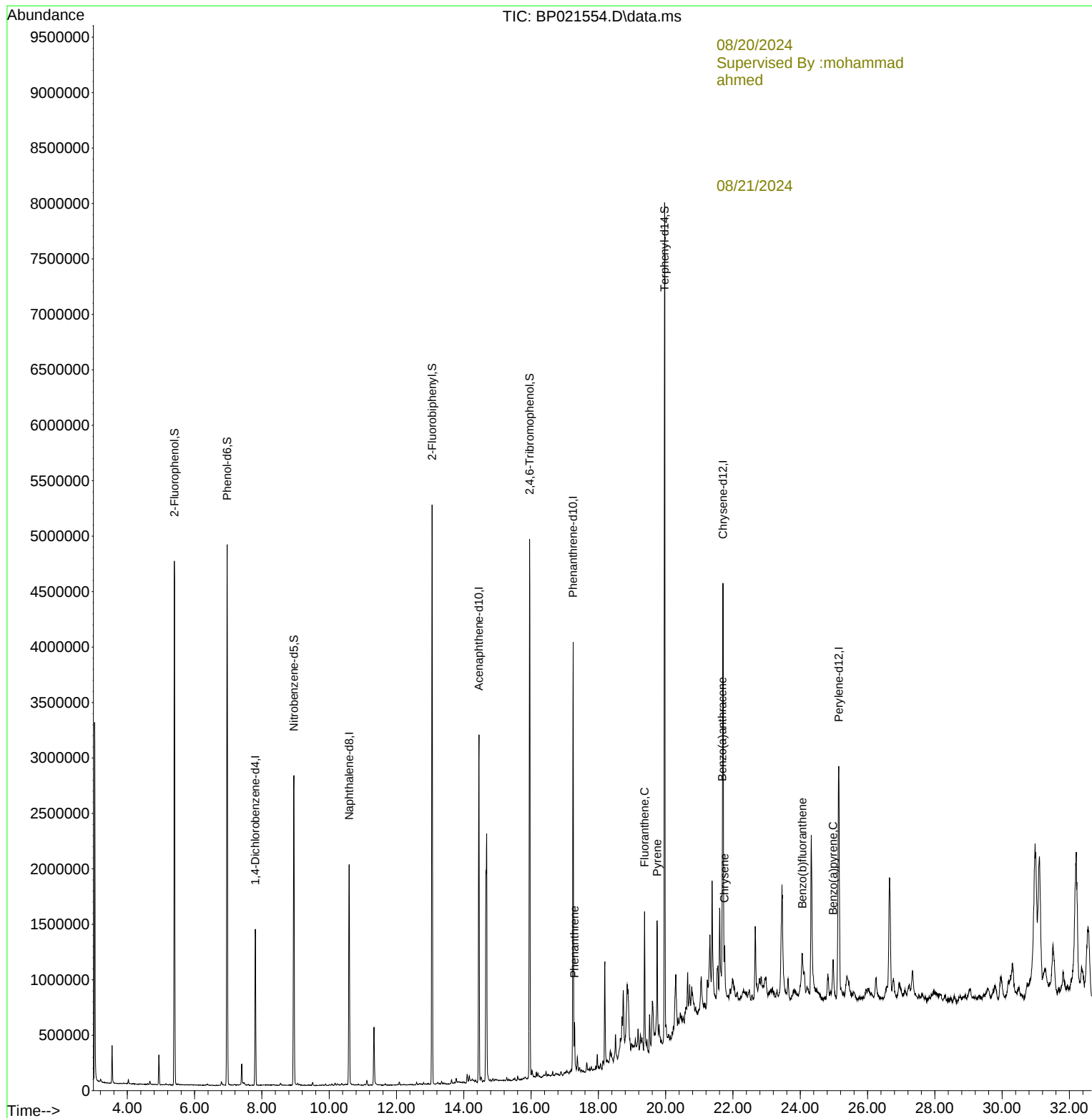
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
Data File : BP021554.D
Acq On : 19 Aug 2024 15:15
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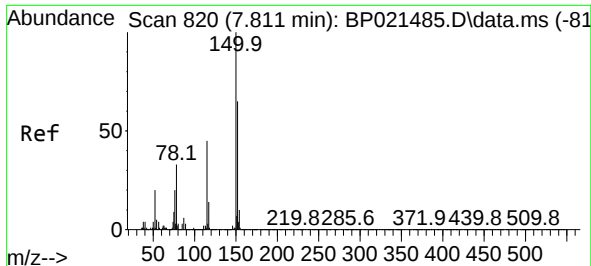
Instrument :
BNA_P
ClientSampleId :
OU4-TS-05-080724RE

Quant Time: Aug 19 15:49:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

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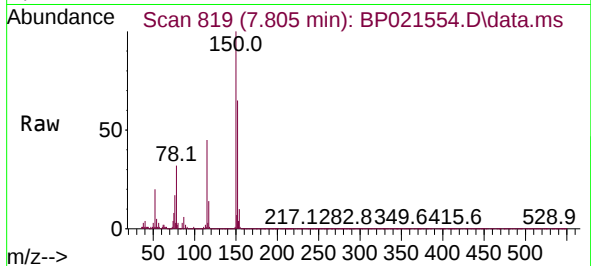
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Supervised By :mohammad ahmed 08/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021554.D
Acq: 19 Aug 2024 15:15

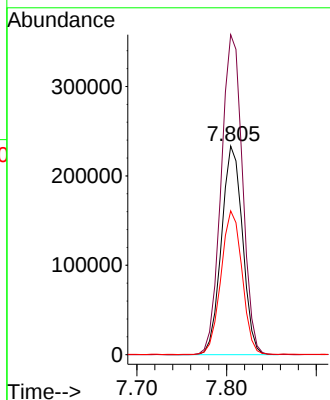
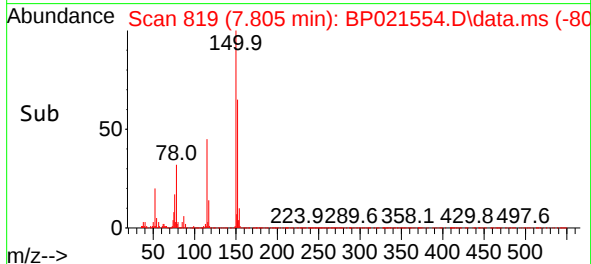
Instrument :
BNA_P
ClientSampleId :
OU4-TS-05-080724RE



Tgt Ion:152 Resp: 380459
Ion Ratio Lower Upper
152 100
150 153.3 122.4 183.6
115 68.9 54.7 82.1

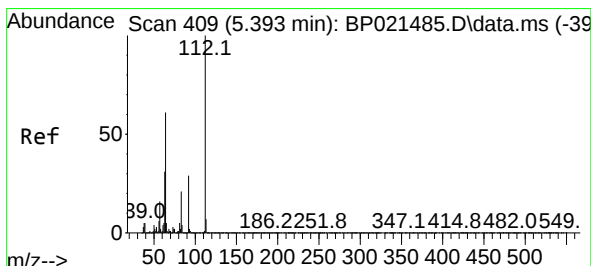
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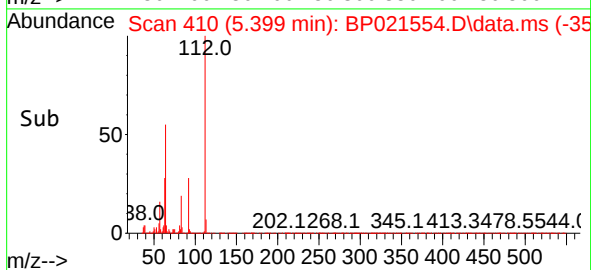
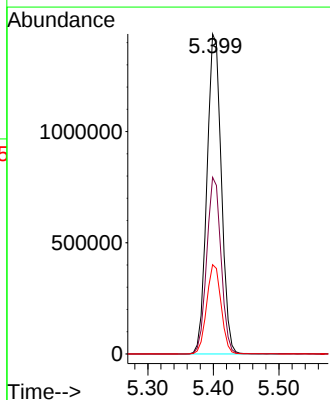
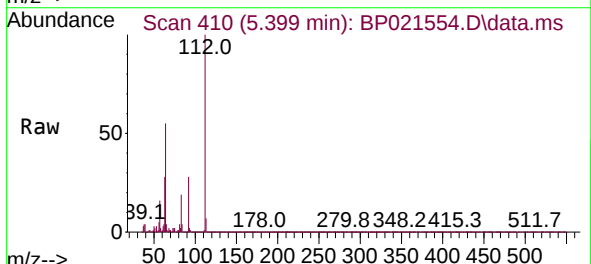
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#5
2-Fluorophenol
Concen: 85.600 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021554.D
Acq: 19 Aug 2024 15:15

Tgt Ion:112 Resp: 2193280
Ion Ratio Lower Upper
112 100
64 55.2 49.0 73.6
63 27.9 24.6 36.8





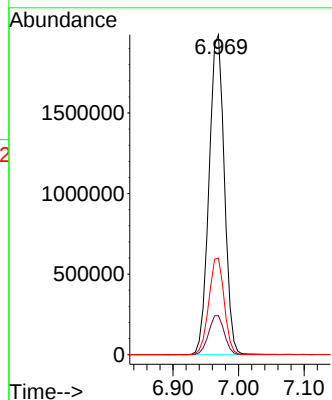
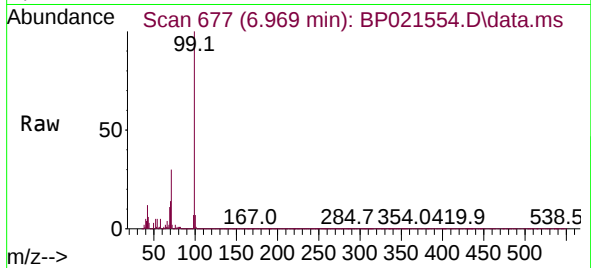
#7
Phenol-d6
Concen: 86.266 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021554.D
Acq: 19 Aug 2024 15:15

Instrument :
BNA_P
ClientSampleId :
OU4-TS-05-080724RE

Tgt Ion: 99 Resp: 322440
Ion Ratio Lower Upper
99 100
42 12.2 10.2 15.4
71 30.2 25.8 38.8

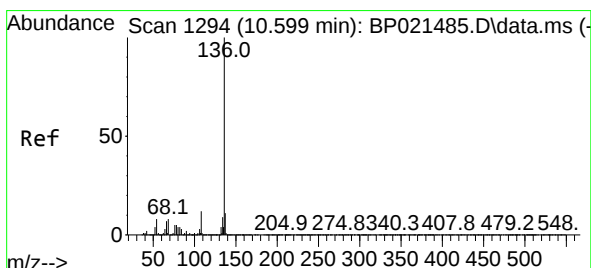
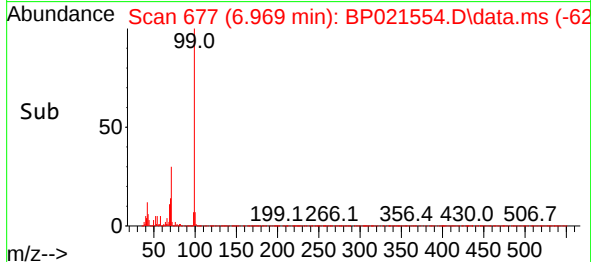
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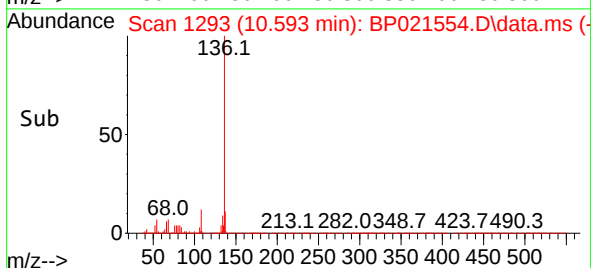
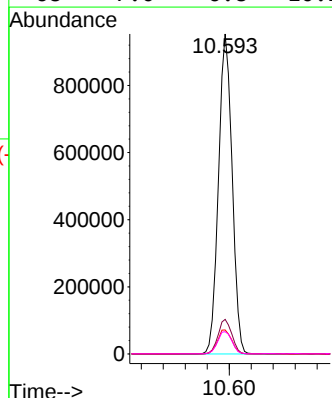
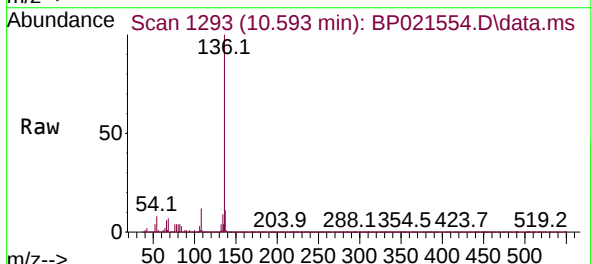
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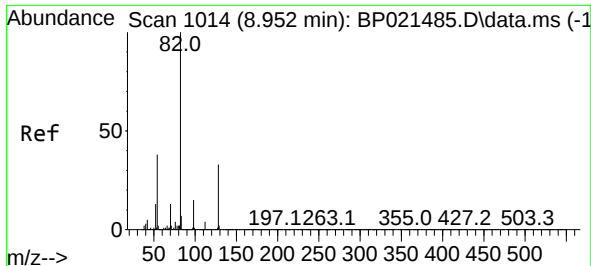
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021554.D
Acq: 19 Aug 2024 15:15

Tgt Ion:136 Resp: 1641031
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.5 6.3 9.5
68 7.0 6.8 10.2





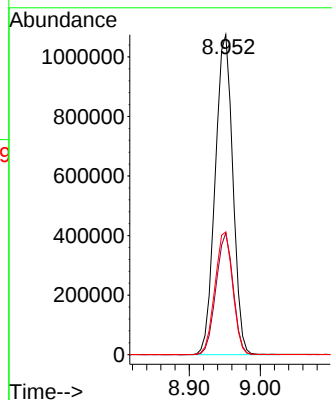
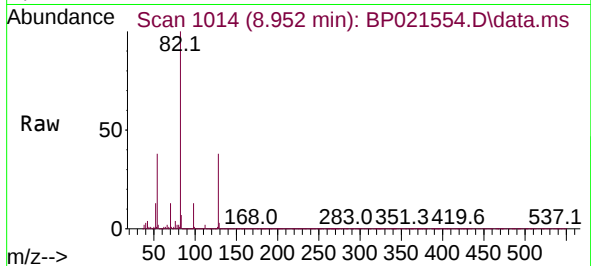
#23
Nitrobenzene-d5
Concen: 58.112 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021554.D
Acq: 19 Aug 2024 15:15

Instrument :
BNA_P
ClientSampleId :
OU4-TS-05-080724RE

Tgt Ion: 82 Resp: 1847580
Ion Ratio Lower Upper
82 100
128 38.0 26.5 39.7
54 38.4 30.3 45.5

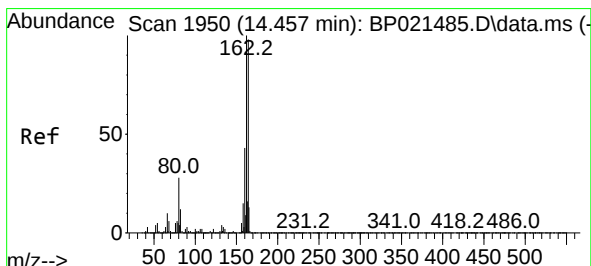
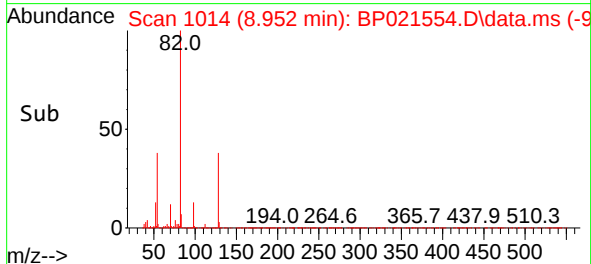
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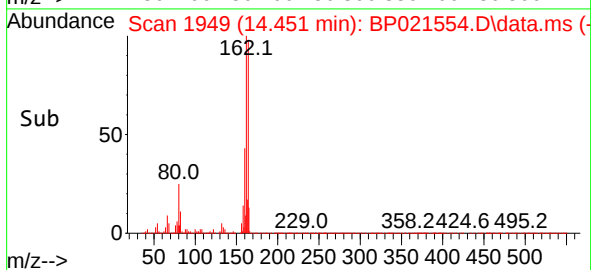
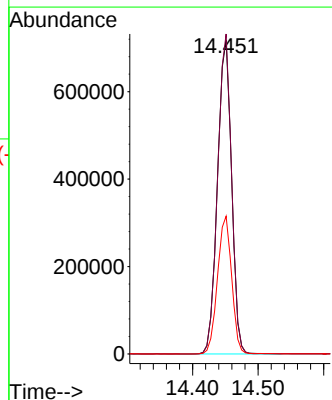
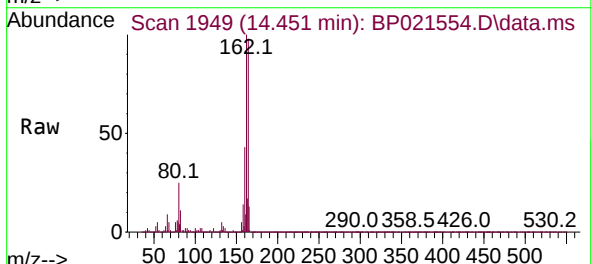
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021554.D
Acq: 19 Aug 2024 15:15

Tgt Ion:164 Resp: 1066429
Ion Ratio Lower Upper
164 100
162 102.0 81.5 122.3
160 43.9 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 88.705 ng

RT: 15.957 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021554.D

Acq: 19 Aug 2024 15:15

Instrument :

BNA_P

ClientSampleId :

OU4-TS-05-080724RE

Tgt Ion:330 Resp: 105283

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

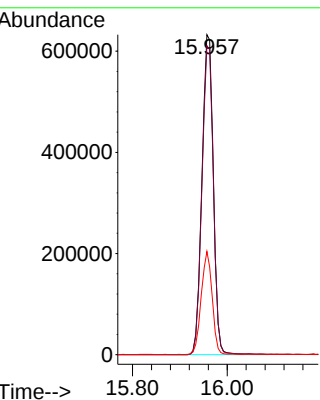
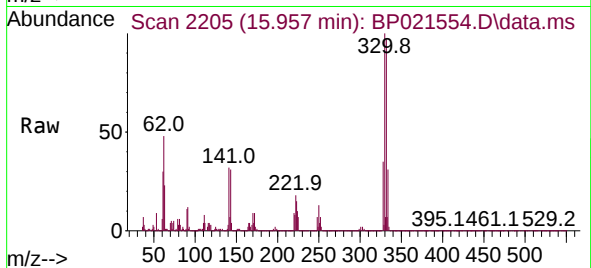
141 31.0 24.5 36.7

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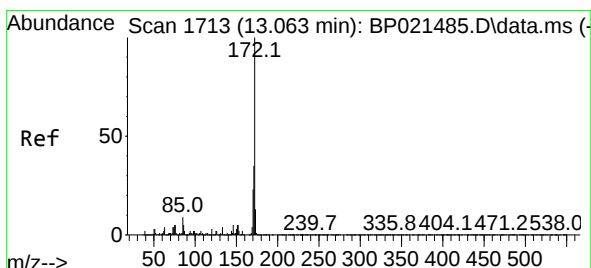
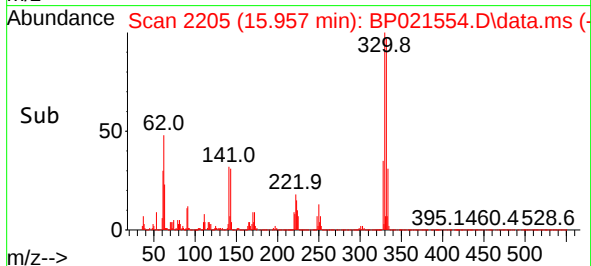
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#45

2-Fluorobiphenyl

Concen: 38.806 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP021554.D

Acq: 19 Aug 2024 15:15

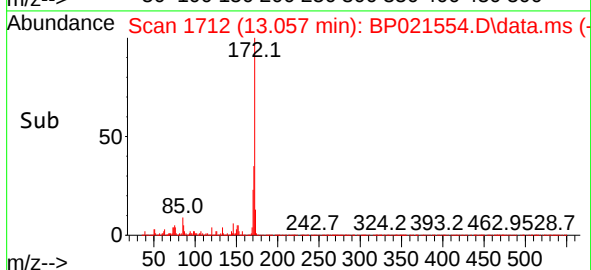
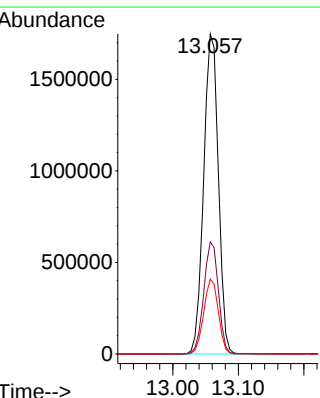
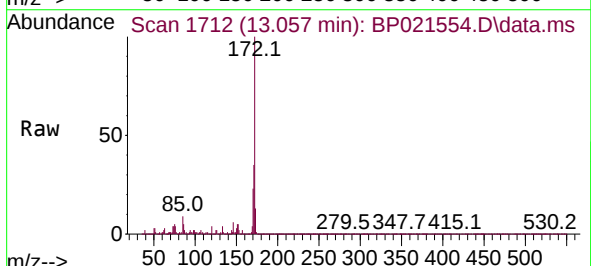
Tgt Ion:172 Resp: 2711670

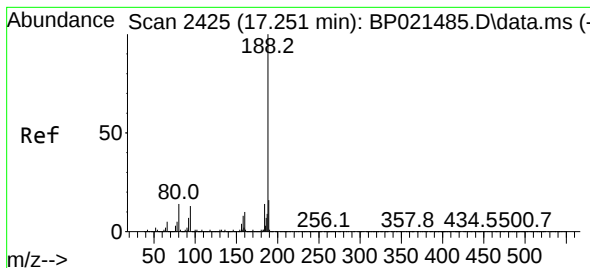
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.4 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BP021554.D

Acq: 19 Aug 2024 15:15

Instrument :

BNA_P

ClientSampleId :

OU4-TS-05-080724RE

Tgt Ion:188 Resp: 2220298

Ion Ratio Lower Upper

188 100

94 11.8 10.2 15.4

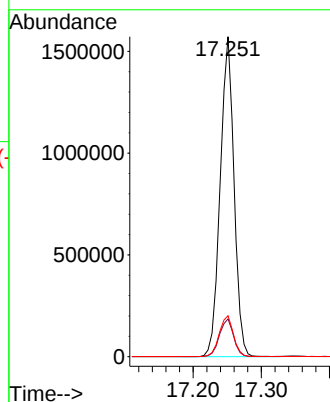
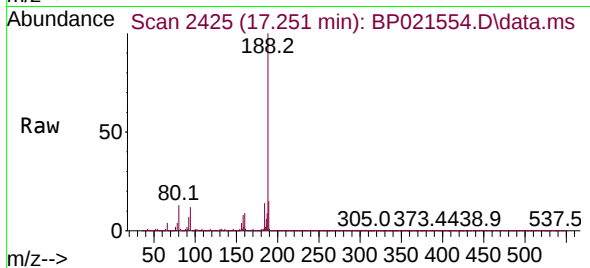
80 12.8 11.6 17.4

Manual Integrations

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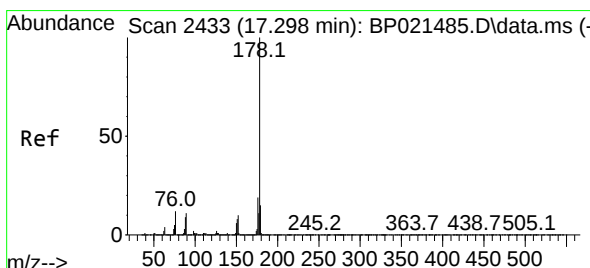
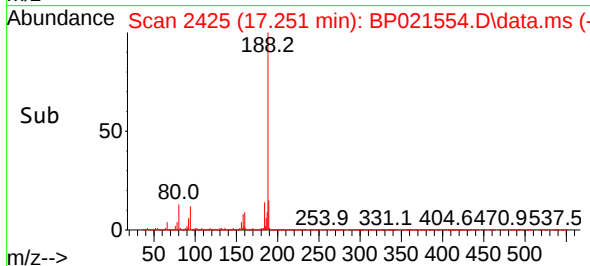
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ahmed

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#71

Phenanthrene

Concen: 2.420 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP021554.D

Acq: 19 Aug 2024 15:15

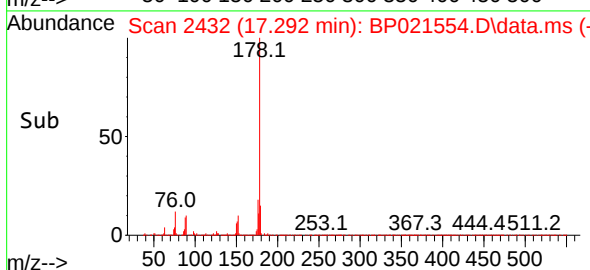
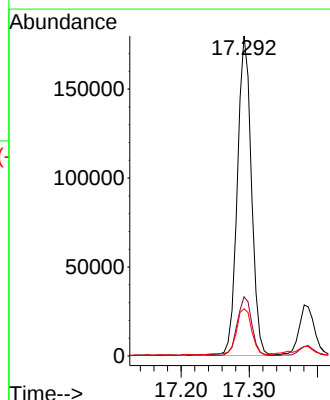
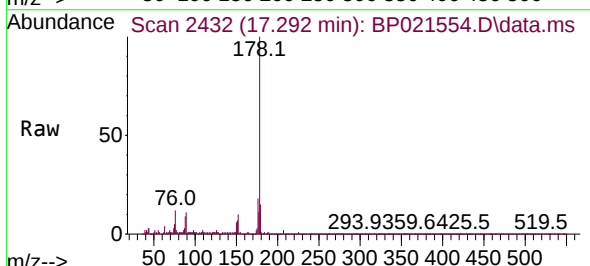
Tgt Ion:178 Resp: 258450

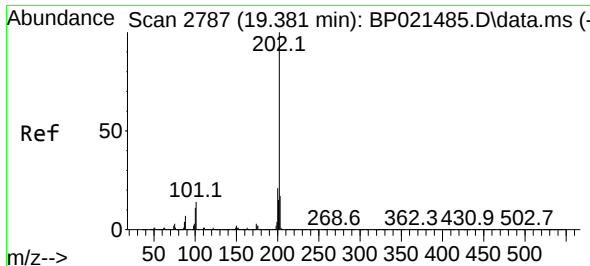
Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

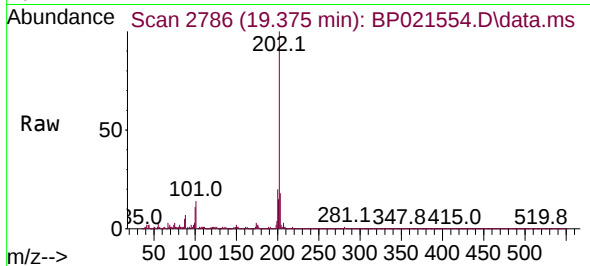
179 14.8 12.4 18.6





#75
Fluoranthene
Concen: 5.100 ng
RT: 19.375 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021554.D
Acq: 19 Aug 2024 15:15

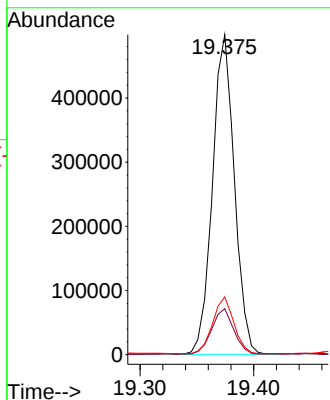
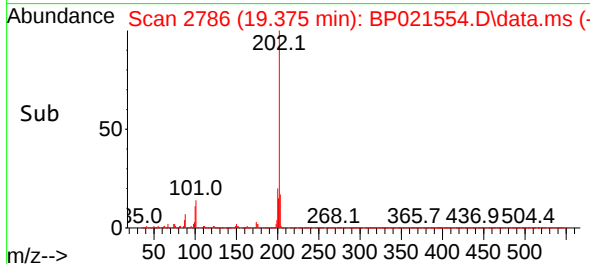
Instrument :
BNA_P
ClientSampleId :
OU4-TS-05-080724RE



Tgt Ion:202 Resp: 668199
Ion Ratio Lower Upper
202 100
101 14.4 0.0 34.0
203 18.1 0.0 37.5

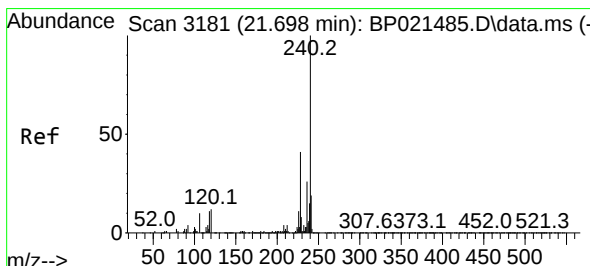
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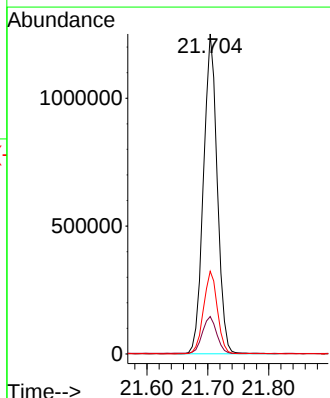
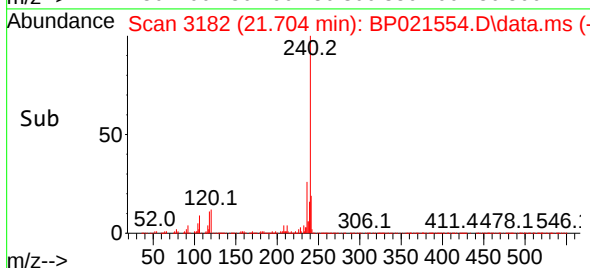
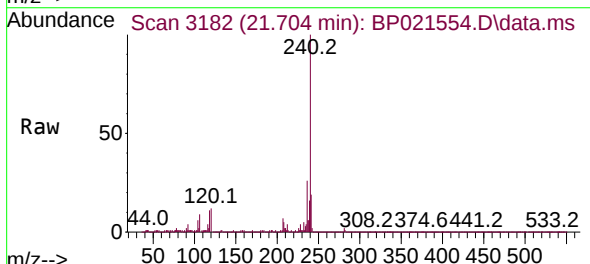
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ahmed

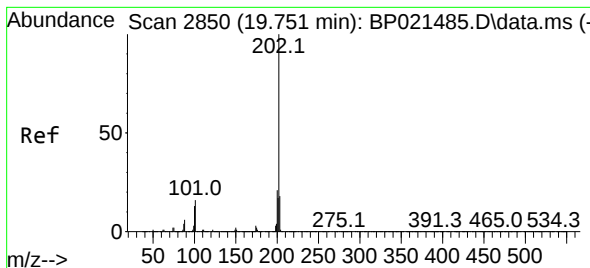
08/21/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.704 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP021554.D
Acq: 19 Aug 2024 15:15

Tgt Ion:240 Resp: 1966852
Ion Ratio Lower Upper
240 100
120 11.7 9.9 14.9
236 25.9 20.6 30.8





#78

Pyrene

Concen: 4.855 ng

RT: 19.745 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP021554.D

Acq: 19 Aug 2024 15:15

Instrument :

BNA_P

ClientSampleId :

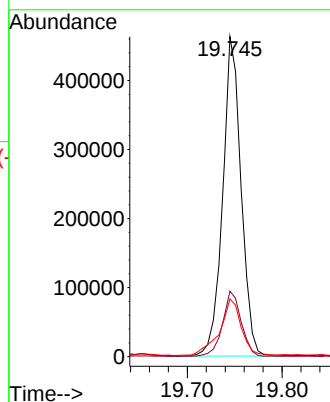
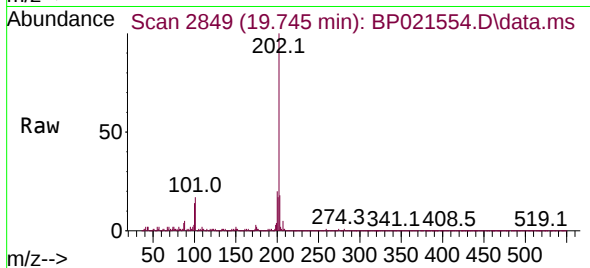
OU4-TS-05-080724RE

Tgt Ion:	202	Resp:	624189
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.7	25.1
203	18.1	14.1	21.1

Manual Integrations

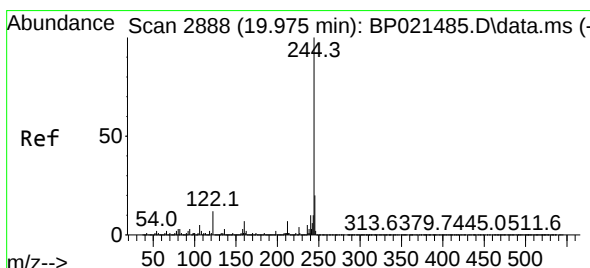
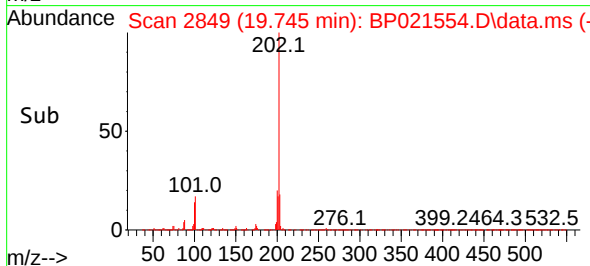
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Supervised By :mohammad ahmed 08/21/2024



08/20/2024
Supervised By :mohammad
ahmed

08/21/2024



#79

Terphenyl-d14

Concen: 40.593 ng

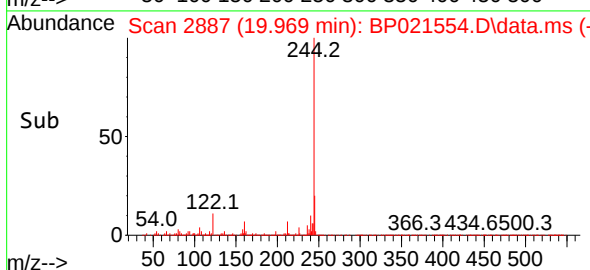
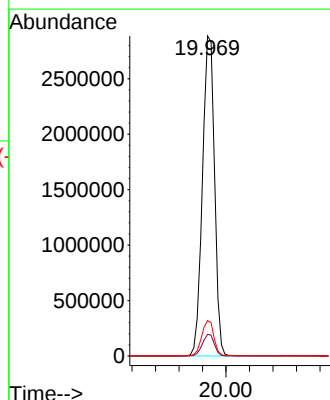
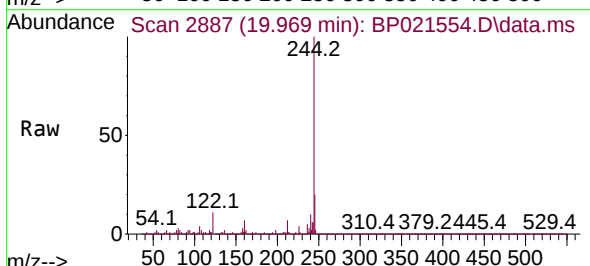
RT: 19.969 min Scan# 2887

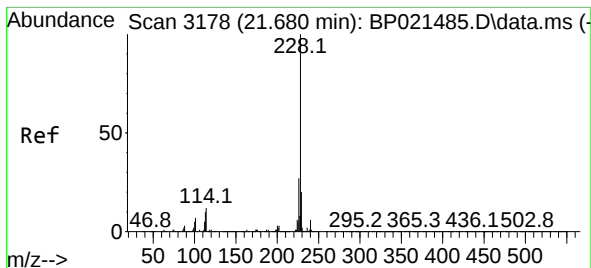
Delta R.T. -0.006 min

Lab File: BP021554.D

Acq: 19 Aug 2024 15:15

Tgt Ion:	244	Resp:	4109722
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.6	8.4
122	11.0	9.4	14.2





#81

Benzo(a)anthracene

Concen: 2.333 ng

RT: 21.686 min Scan# 3178

Delta R.T. 0.006 min

Lab File: BP021554.D

Acq: 19 Aug 2024 15:15

Instrument :

BNA_P

ClientSampleId :

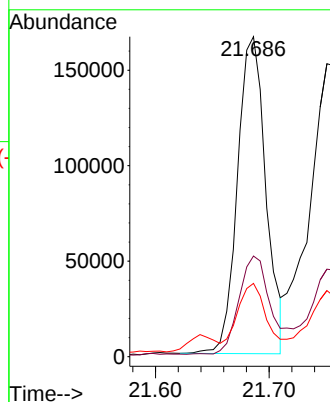
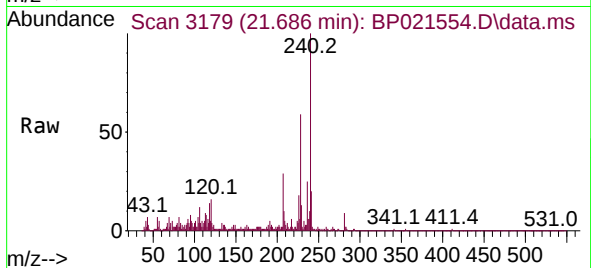
OU4-TS-05-080724RE

Tgt Ion:	228	Resp:	28803
Ion Ratio	Lower	Upper	
228	100		
226	31.4	21.4	32.2
229	22.9	15.8	23.6

Manual Integrations

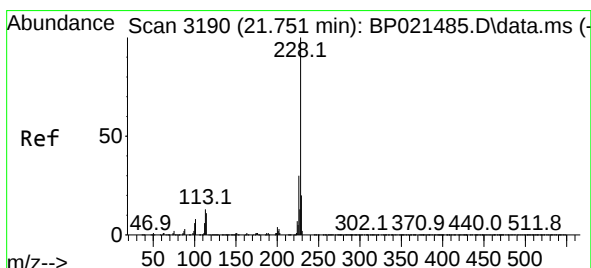
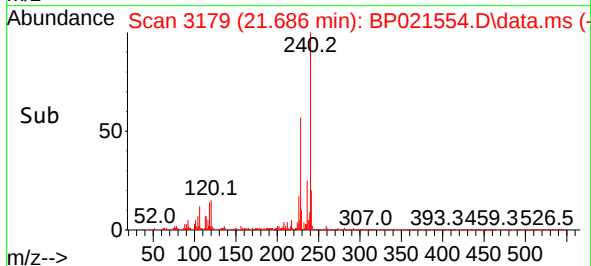
APPROVED

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#83

Chrysene

Concen: 2.837 ng m

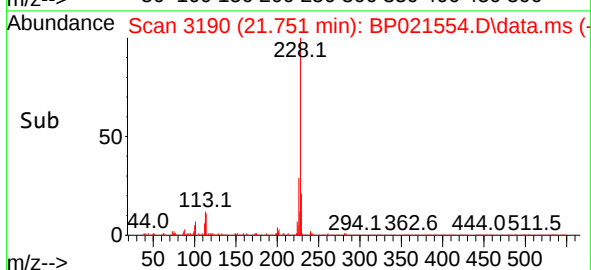
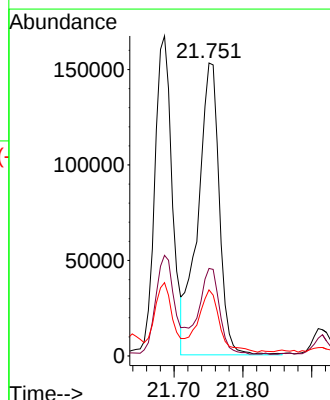
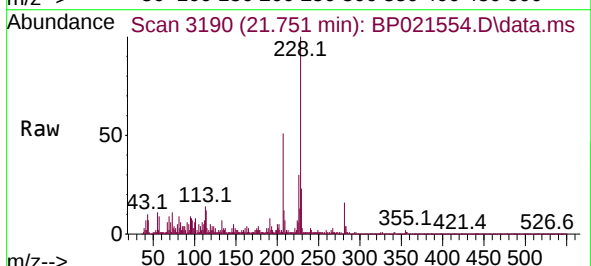
RT: 21.751 min Scan# 3190

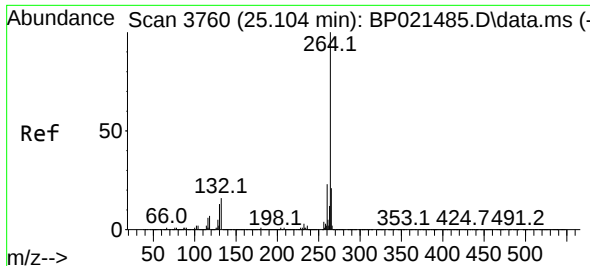
Delta R.T. -0.000 min

Lab File: BP021554.D

Acq: 19 Aug 2024 15:15

Tgt Ion:	228	Resp:	330765
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.9	35.9
229	22.5	15.8	23.6





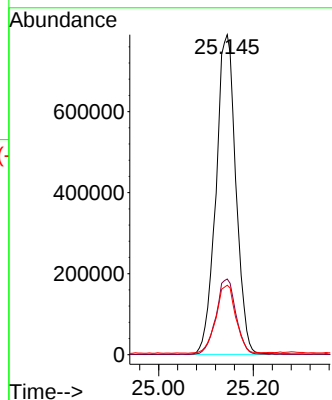
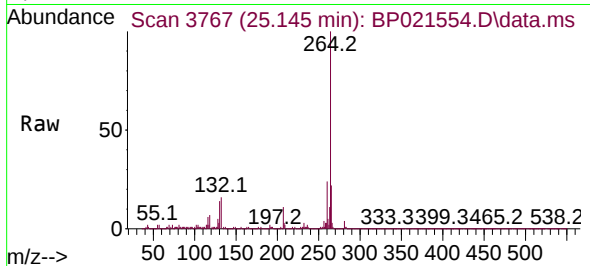
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.145 min Scan# 31
Delta R.T. 0.041 min
Lab File: BP021554.D
Acq: 19 Aug 2024 15:15

Instrument :
BNA_P
ClientSampleId :
OU4-TS-05-080724RE

Tgt Ion:264 Resp: 230325
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.7 17.1 25.7

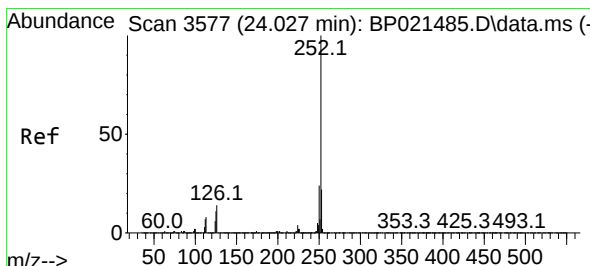
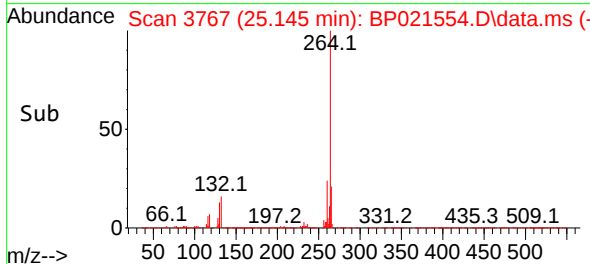
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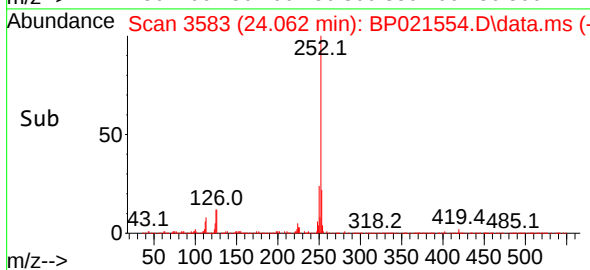
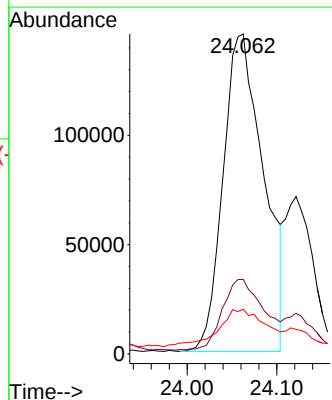
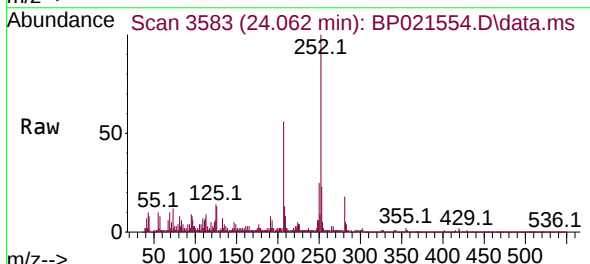
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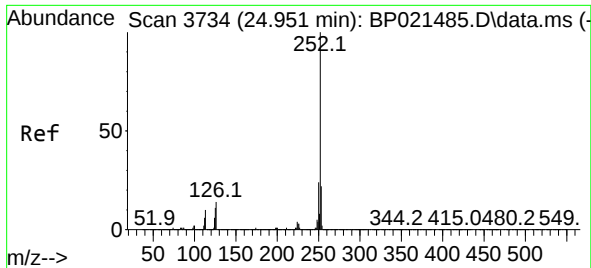
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#88
Benzo(b)fluoranthene
Concen: 3.443 ng
RT: 24.062 min Scan# 3583
Delta R.T. 0.035 min
Lab File: BP021554.D
Acq: 19 Aug 2024 15:15

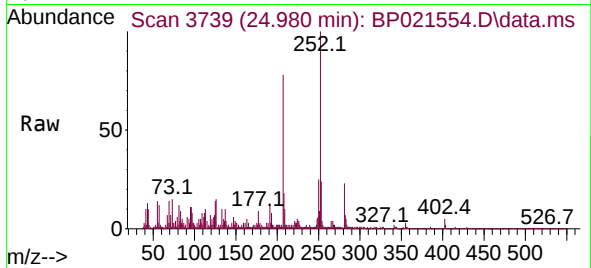
Tgt Ion:252 Resp: 455483
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 14.0 8.6 13.0#





#90
Benzo(a)pyrene
Concen: 2.624 ng
RT: 24.980 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP021554.D
Acq: 19 Aug 2024 15:15

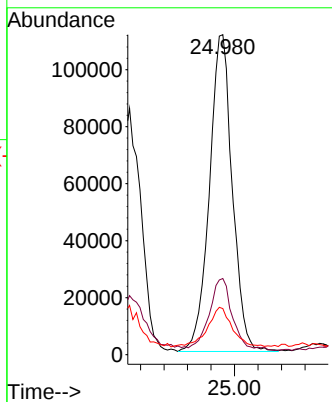
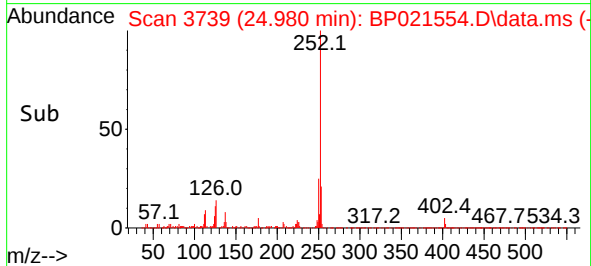
Instrument :
BNA_P
ClientSampleId :
OU4-TS-05-080724RE



Tgt Ion:252 Resp: 30120
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 14.4 8.7 13.1

Manual Integrations
APPROVED

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