

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042470.D
 Acq On : 27 Oct 2023 01:55
 Operator : MA/JU
 Sample : 05011-05 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-24313

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

Quant Time: Oct 27 02:44:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	213434	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	842491	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	448657	20.000	ng	0.00
64) Phenanthrene-d10	17.403	188	656530	20.000	ng	# 0.00
76) Chrysene-d12	21.574	240	528783	20.000	ng	# 0.00
86) Perylene-d12	24.032	264	614216	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	551563	36.523	ng	0.00
7) Phenol-d6	7.145	99	731277	36.134	ng	0.00
23) Nitrobenzene-d5	9.186	82	490302	25.734	ng	-0.01
42) 2,4,6-Tribromophenol	16.139	330	194268	45.663	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	959507	28.799	ng	-0.01
79) Terphenyl-d14	20.009	244	774431	25.974	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.445	178	186358	5.218	ng	# 70
75) Fluoranthene	19.456	202	435174	11.063	ng	89
78) Pyrene	19.821	202	401487	10.865	ng	# 92
81) Benzo(a)anthracene	21.556	228	198318	5.595	ng	96
83) Chrysene	21.609	228	255416m	7.502	ng	
84) Bis(2-ethylhexyl)phtha...	21.433	149	280163	14.309	ng	# 92
87) Indeno(1,2,3-cd)pyrene	26.603	276	185275	4.128	ng	# 91
88) Benzo(b)fluoranthene	23.268	252	373737	10.109	ng	97
89) Benzo(k)fluoranthene	23.315	252	118901m	3.098	ng	
90) Benzo(a)pyrene	23.921	252	219296	6.163	ng	98
92) Benzo(g,h,i)perylene	27.415	276	186060	5.134	ng	94

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

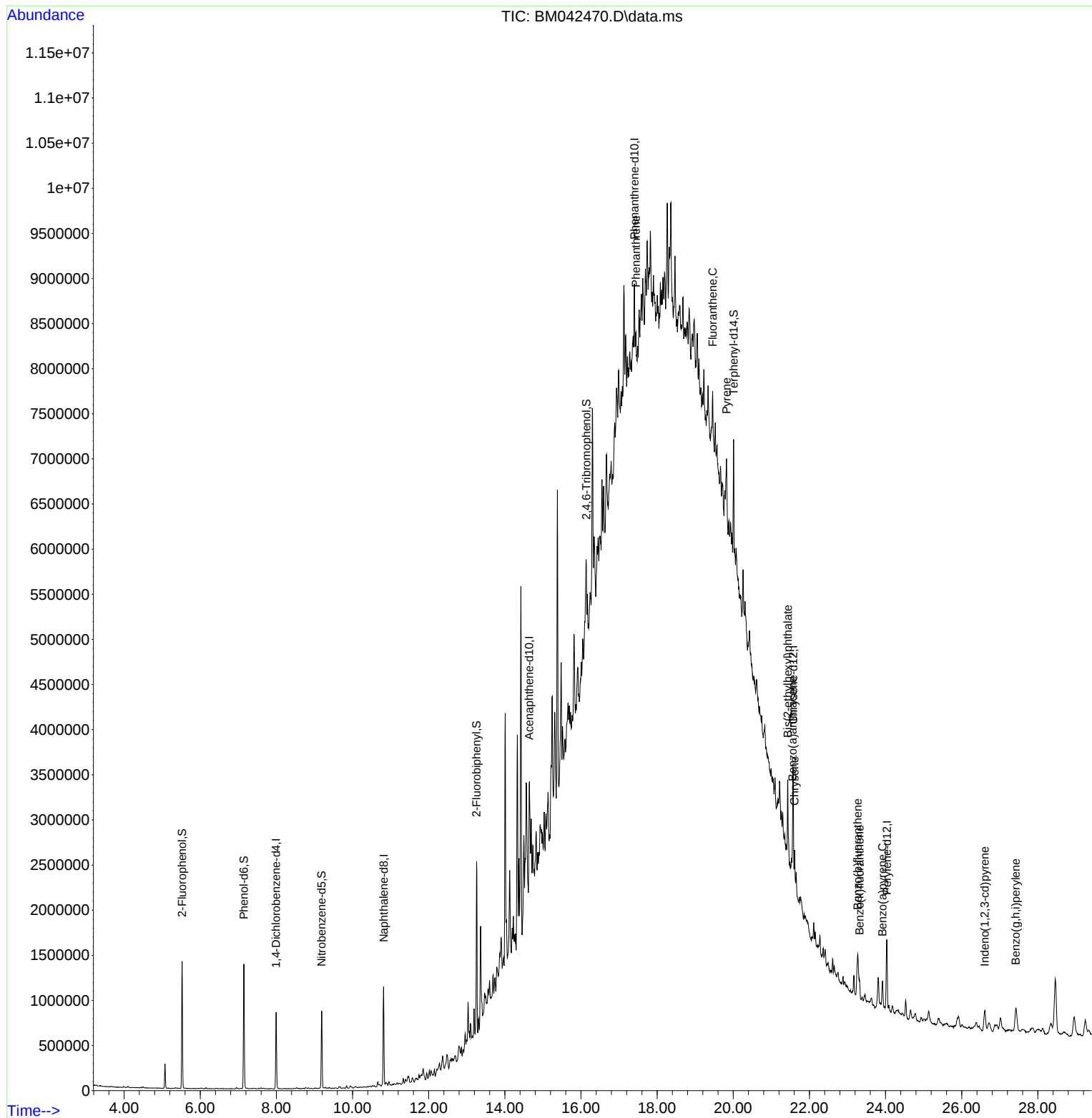
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042470.D
Acq On : 27 Oct 2023 01:55
Operator : MA/JU
Sample : 05011-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

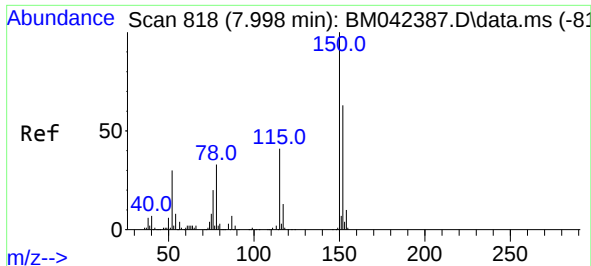
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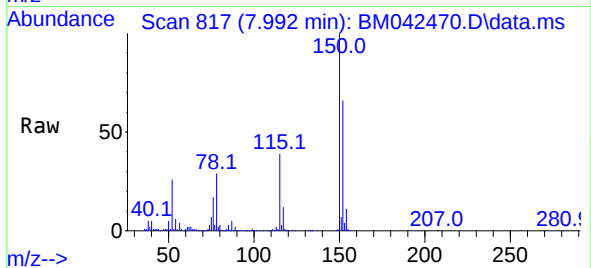
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

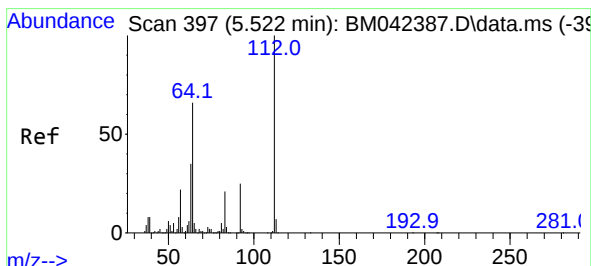
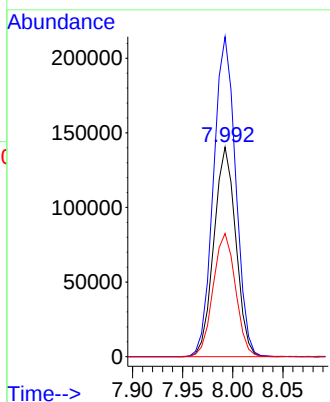
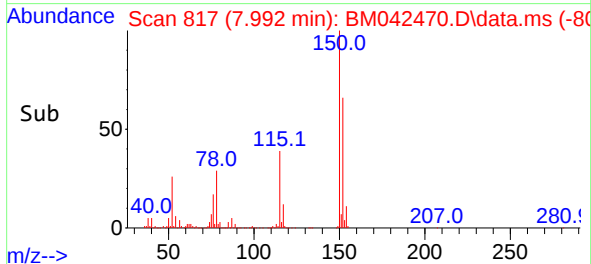
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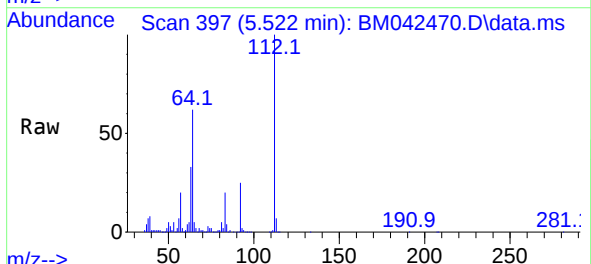
Tgt Ion:152 Resp: 213434
Ion Ratio Lower Upper
152 100
150 152.7 126.2 189.4
115 58.8 51.9 77.9

Manual Integrations
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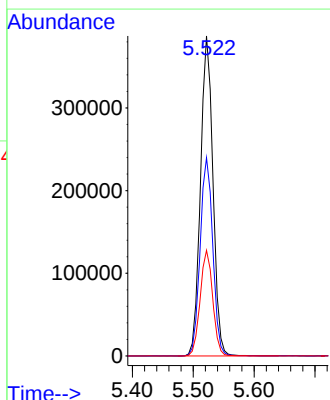
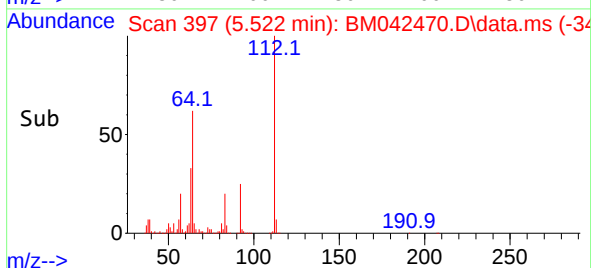
Reviewed By :Yogesh Patel 10/27/2023
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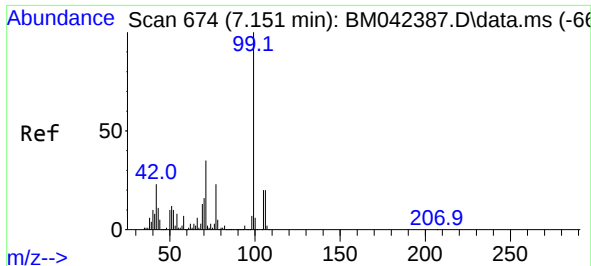


#5
2-Fluorophenol
Concen: 36.523 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55



Tgt Ion:112 Resp: 551563
Ion Ratio Lower Upper
112 100
64 61.9 52.7 79.1
63 33.0 28.3 42.5





#7
Phenol-d6
Concen: 36.134 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Instrument :

BNA_M

ClientSampleId :

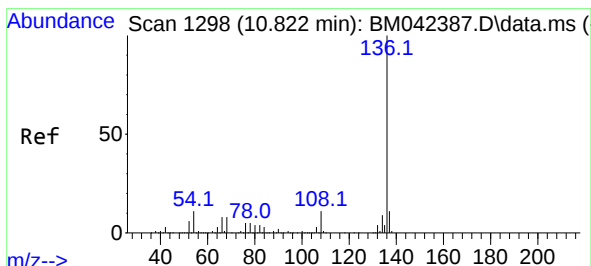
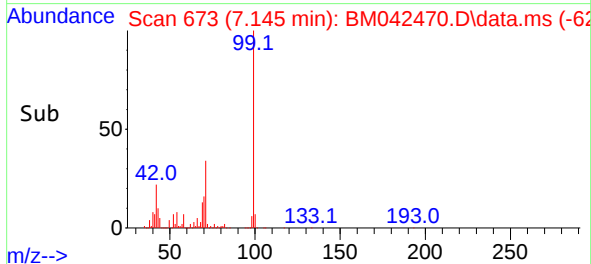
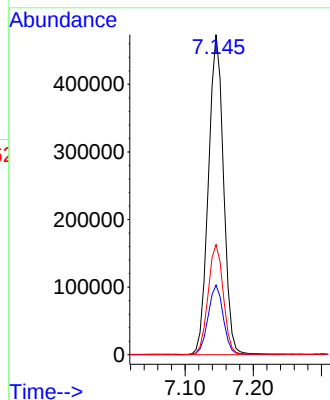
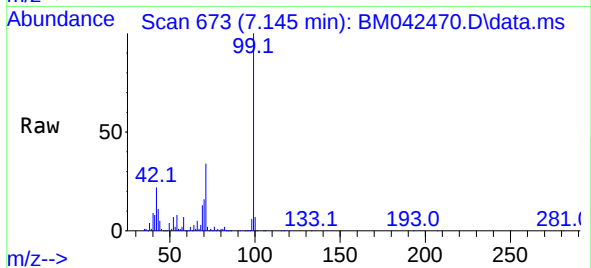
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Tgt Ion: 99 Resp: 73127
Ion Ratio Lower Upper
99 100
42 21.8 18.5 27.7
71 34.4 27.7 41.5

Manual Integrations

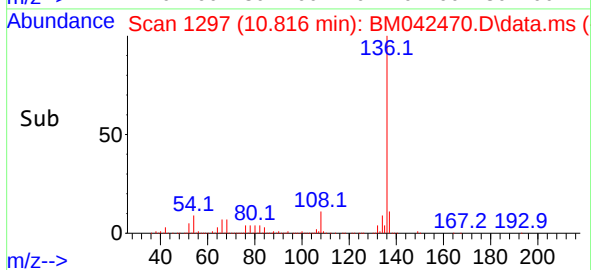
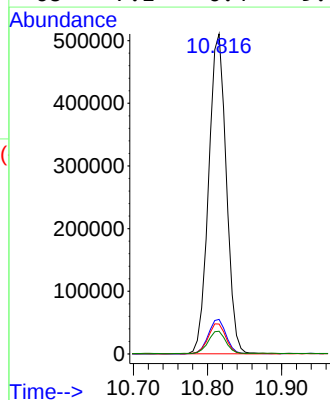
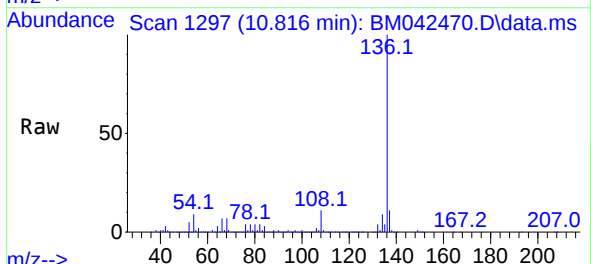
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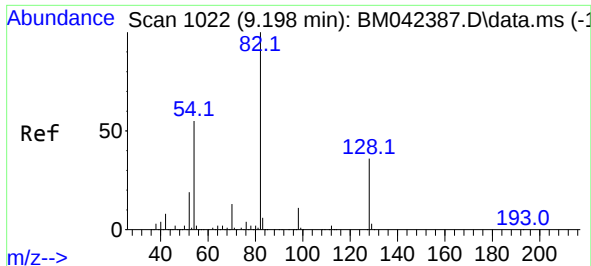
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Tgt Ion:136 Resp: 842491
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.4 8.6 12.8
68 7.1 6.4 9.6





#23
Nitrobenzene-d5
Concen: 25.734 ng
RT: 9.186 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Instrument :

BNA_M

ClientSampleId :

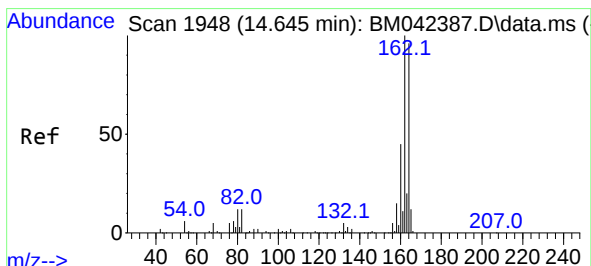
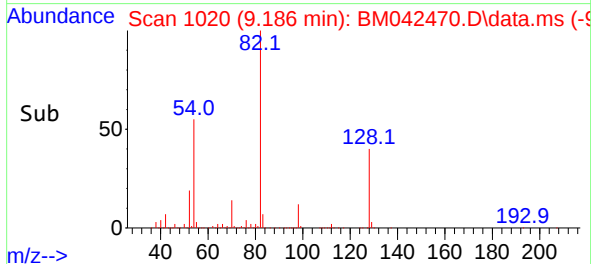
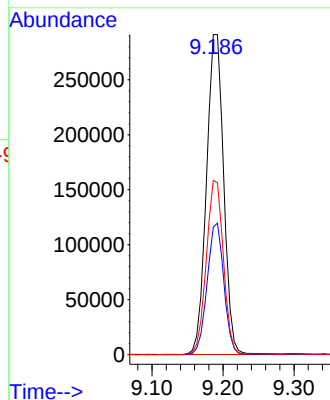
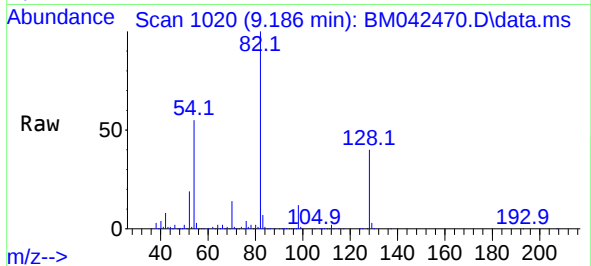
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Tgt Ion: 82 Resp: 490302
Ion Ratio Lower Upper
82 100
128 39.9 29.0 43.6
54 54.5 43.7 65.5

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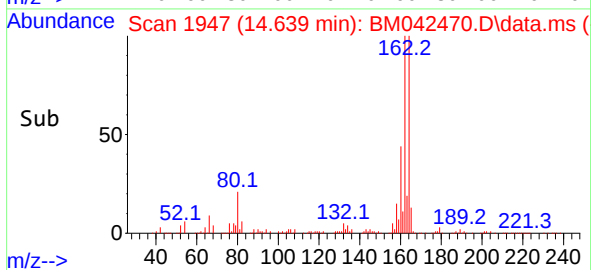
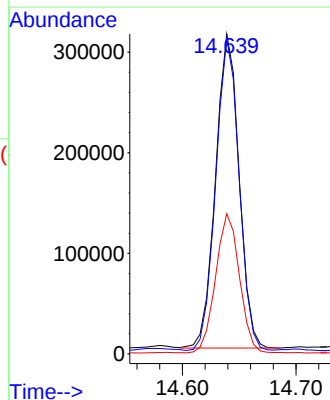
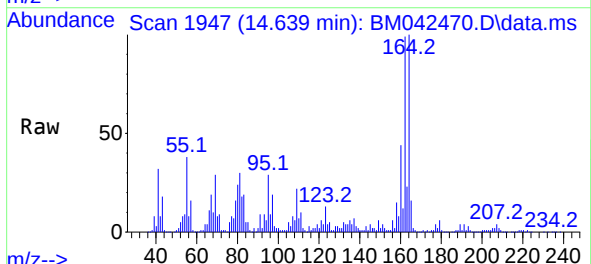
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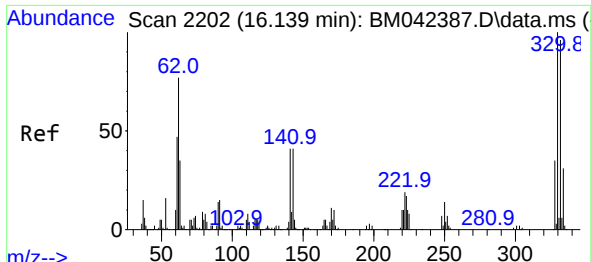
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Tgt Ion:164 Resp: 448657
Ion Ratio Lower Upper
164 100
162 98.6 83.0 124.4
160 43.8 37.0 55.4





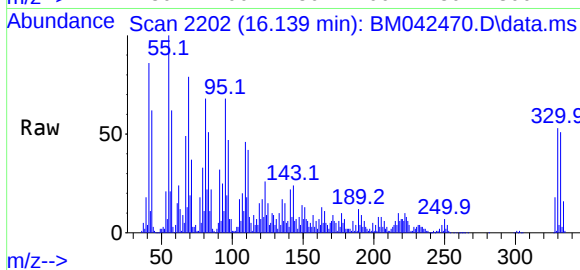
#42
2,4,6-Tribromophenol
Concen: 45.663 ng
RT: 16.139 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Instrument :

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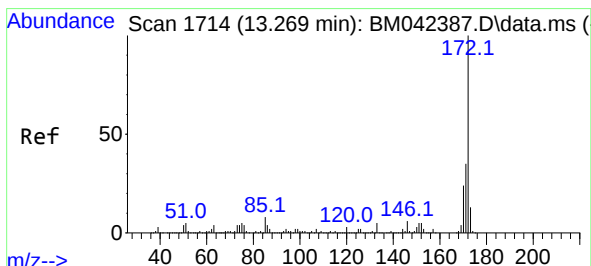
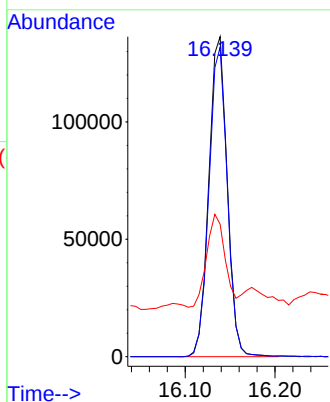
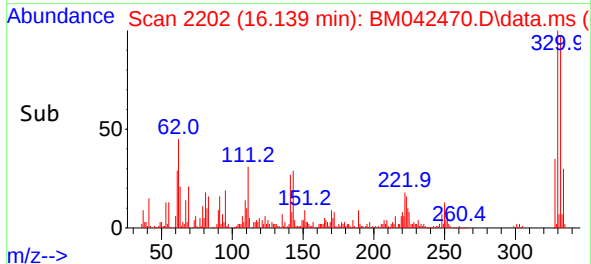


Tgt Ion:330 Resp: 194268
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 28.9 38.0 57.0

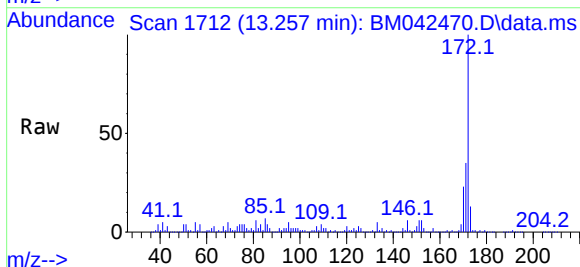
Manual Integrations

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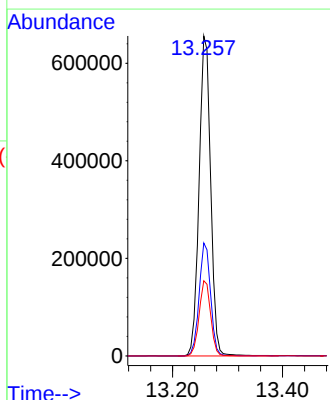
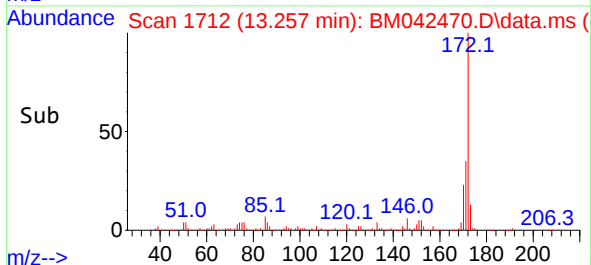
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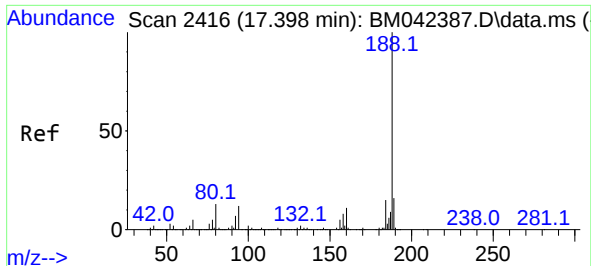


#45
2-Fluorobiphenyl
Concen: 28.799 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55



Tgt Ion:172 Resp: 959507
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.5 18.9 28.3





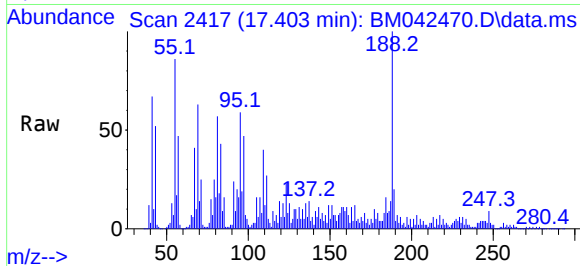
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.403 min Scan# 2417
Delta R.T. 0.006 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Instrument :

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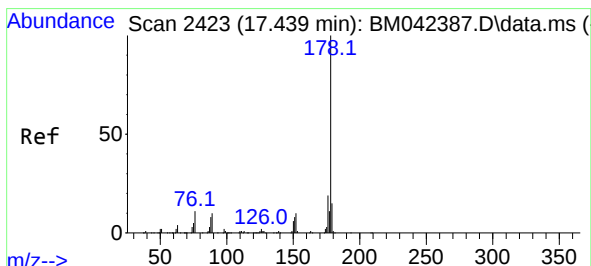
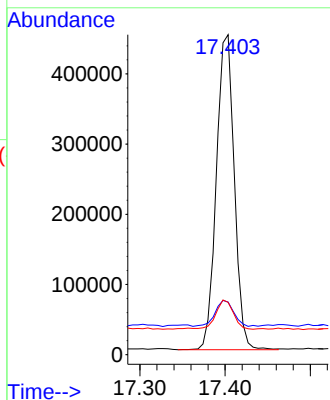
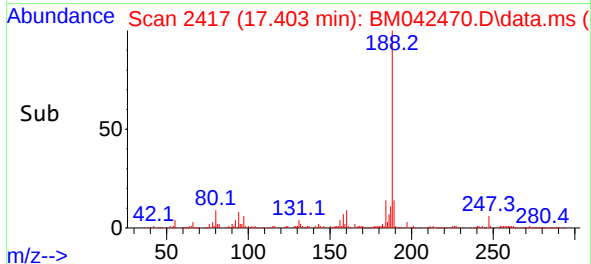


Tgt Ion:188 Resp: 656530
Ion Ratio Lower Upper
188 100
94 16.5 9.4 14.0#
80 16.4 10.7 16.1#

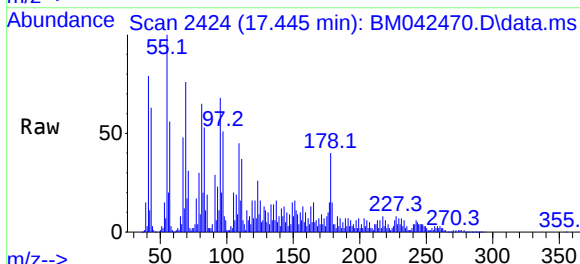
Manual Integrations

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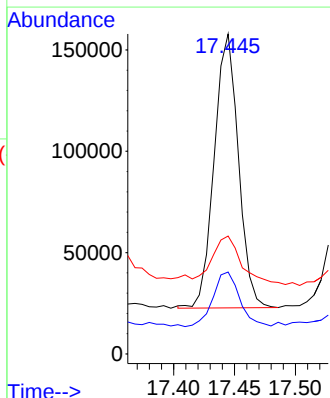
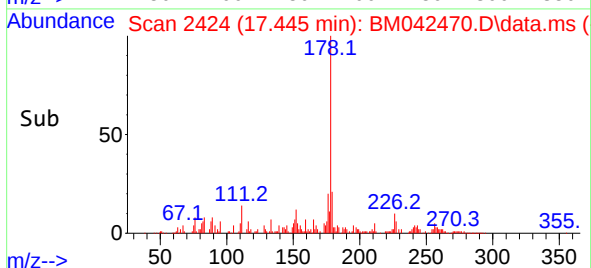
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Supervised By :mohammad ahmed 10/27/2023

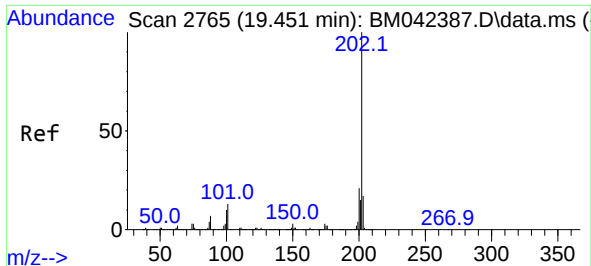


#71
Phenanthrene
Concen: 5.218 ng
RT: 17.445 min Scan# 2424
Delta R.T. 0.006 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55



Tgt Ion:178 Resp: 186358
Ion Ratio Lower Upper
178 100
176 25.6 15.4 23.2#
179 36.9 12.3 18.5#





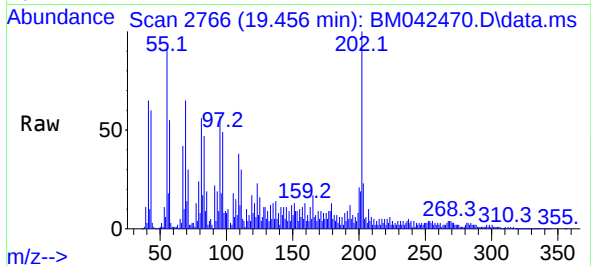
#75
Fluoranthene
Concen: 11.063 ng
RT: 19.456 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Instrument :

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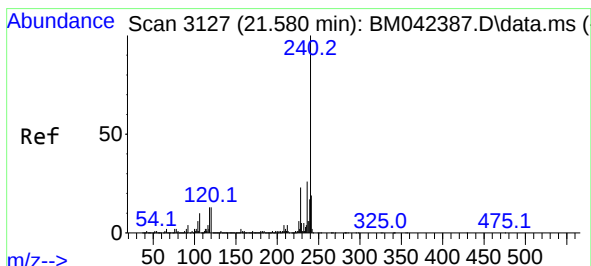
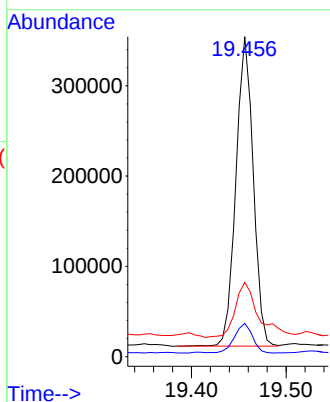
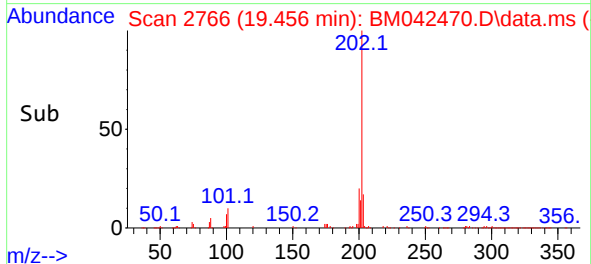


Tgt Ion:202 Resp: 435174
Ion Ratio Lower Upper
202 100
101 10.4 0.0 33.3
203 23.2 0.0 37.5

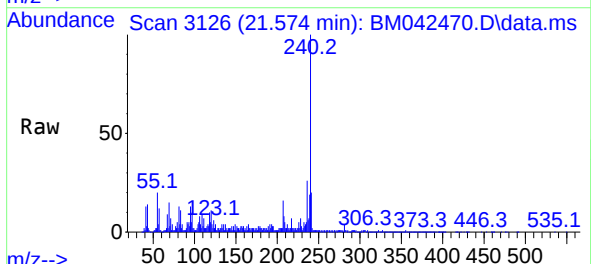
Manual Integrations

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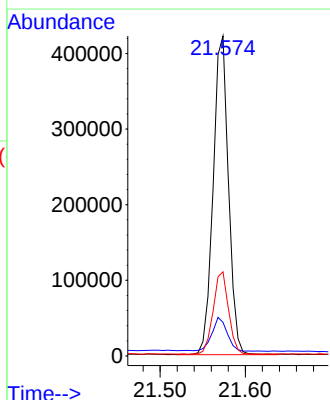
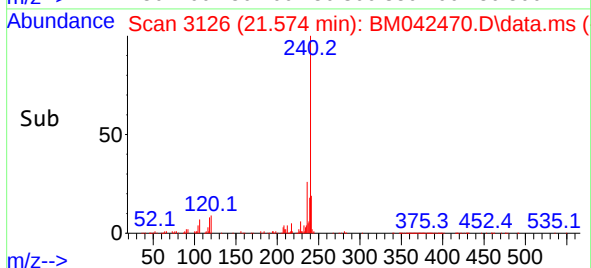
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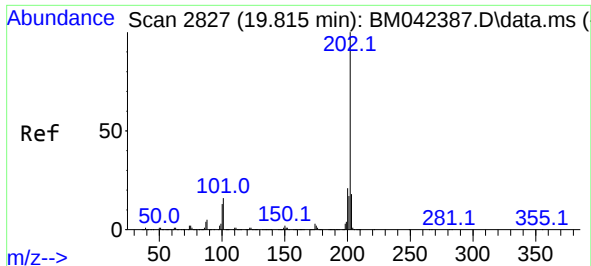


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55



Tgt Ion:240 Resp: 528783
Ion Ratio Lower Upper
240 100
120 10.5 10.7 16.1#
236 26.3 20.7 31.1





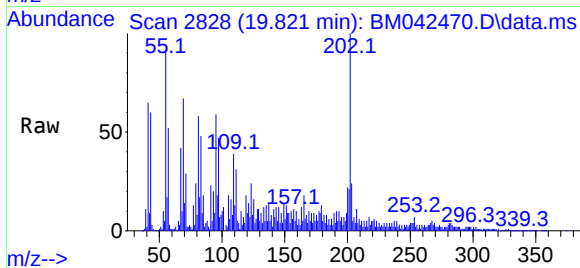
#78
Pyrene
Concen: 10.865 ng
RT: 19.821 min Scan# 2827
Delta R.T. 0.006 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

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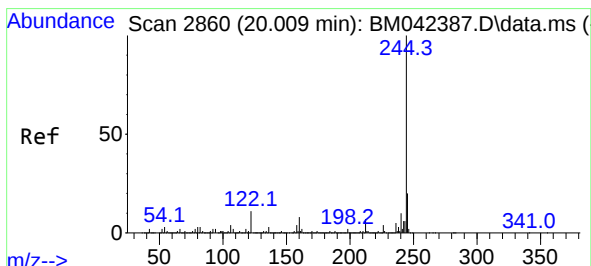
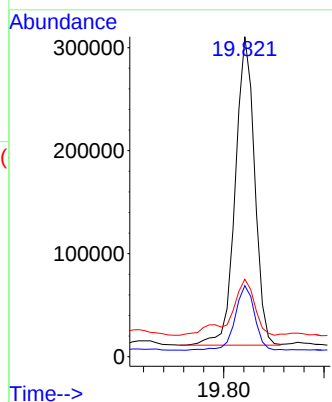
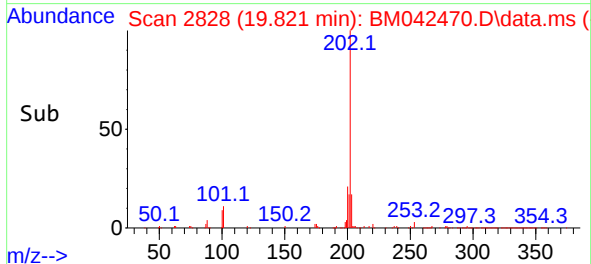


Tgt Ion:202 Resp: 401485
Ion Ratio Lower Upper
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200 22.2 17.1 25.7
203 24.2 14.1 21.1

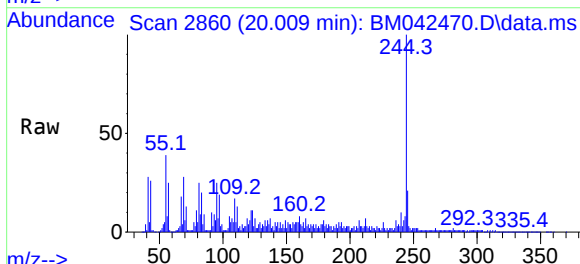
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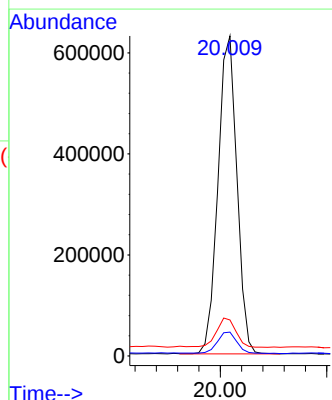
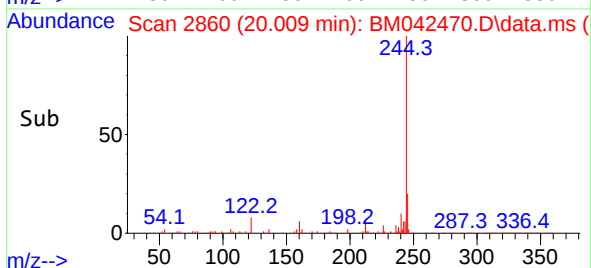
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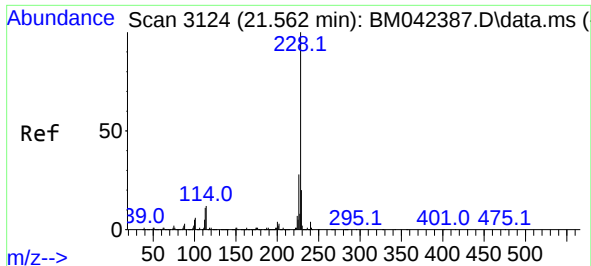


#79
Terphenyl-d14
Concen: 25.974 ng
RT: 20.009 min Scan# 2860
Delta R.T. 0.000 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55



Tgt Ion:244 Resp: 774431
Ion Ratio Lower Upper
244 100
212 7.5 5.6 8.4
122 11.3 8.8 13.2





#81
Benzo(a)anthracene
Concen: 5.595 ng
RT: 21.556 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Instrument :

BNA_M

ClientSampleId :

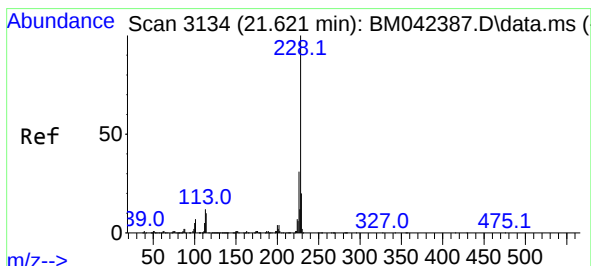
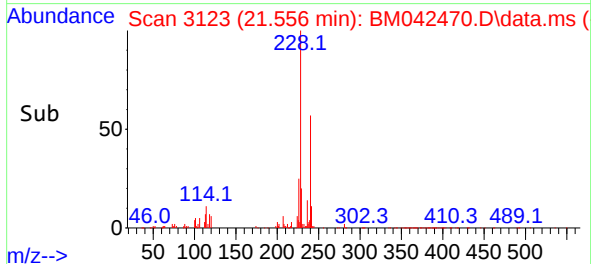
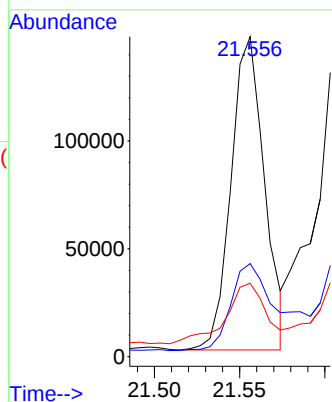
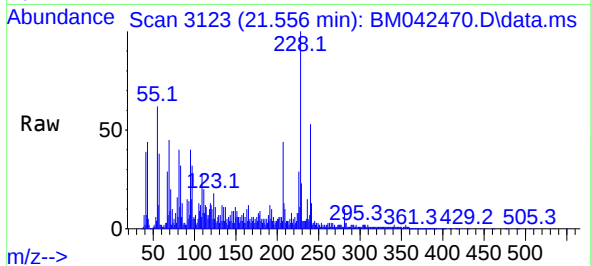
CHRT-24313

Tgt Ion:228 Resp: 198318
Ion Ratio Lower Upper
228 100
226 29.1 22.2 33.4
229 22.9 15.7 23.5

Manual Integrations

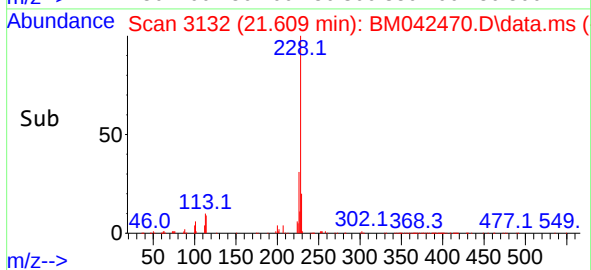
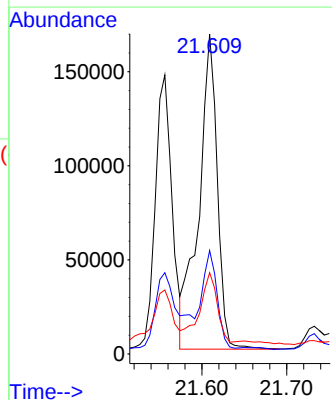
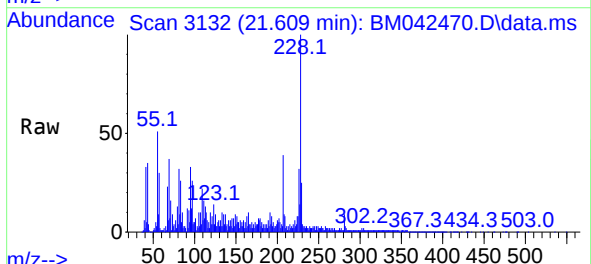
APPROVED

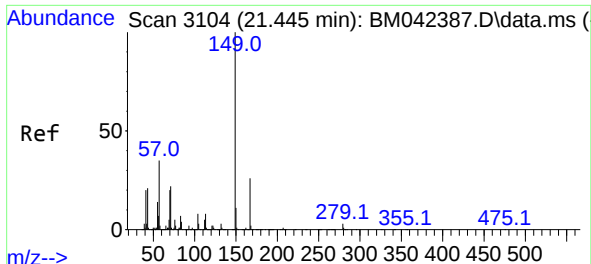
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#83
Chrysene
Concen: 7.502 ng m
RT: 21.609 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Tgt Ion:228 Resp: 255416
Ion Ratio Lower Upper
228 100
226 32.3 24.6 36.8
229 25.4 15.7 23.5#





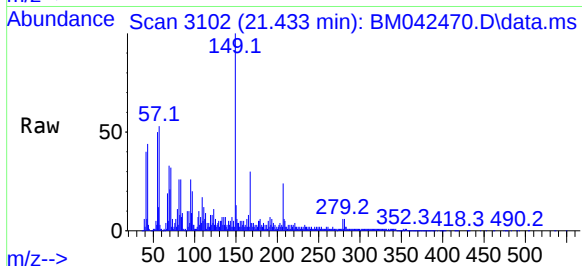
#84
Bis(2-ethylhexyl)phthalate
Concen: 14.309 ng
RT: 21.433 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Instrument :

BNA_M

ClientSampleId :

CHRT-24313

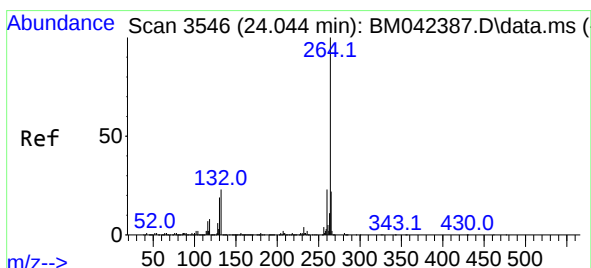
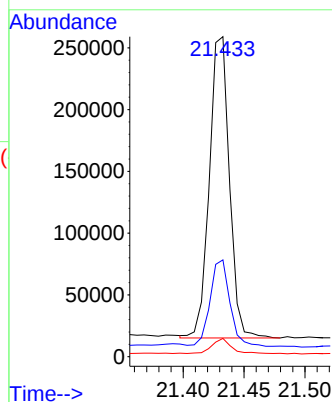
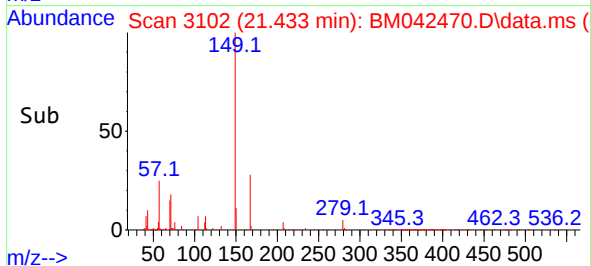


Tgt Ion:149 Resp: 28016
Ion Ratio Lower Upper
149 100
167 30.3 20.9 31.3
279 5.7 2.7 4.1

Manual Integrations

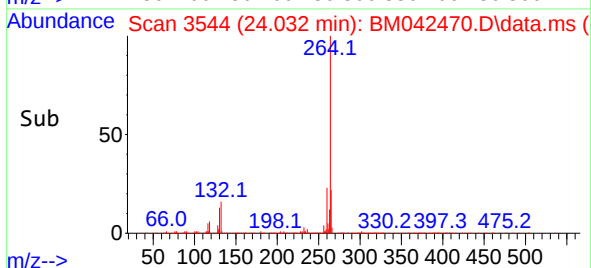
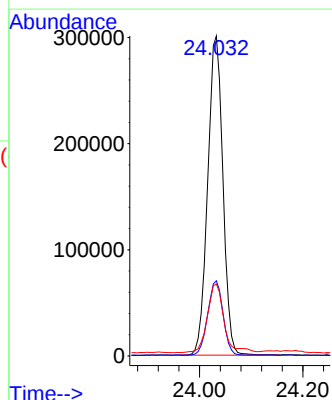
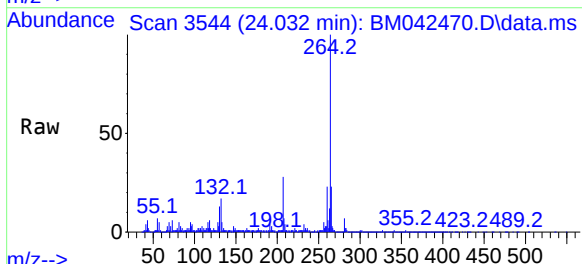
APPROVED

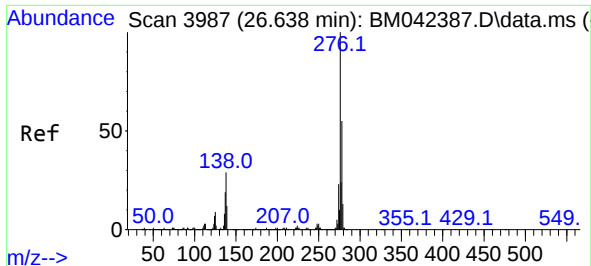
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.032 min Scan# 3544
Delta R.T. -0.012 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Tgt Ion:264 Resp: 614216
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 22.5 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.128 ng
RT: 26.603 min Scan# 3987
Delta R.T. -0.035 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Instrument :

BNA_M

ClientSampleId :

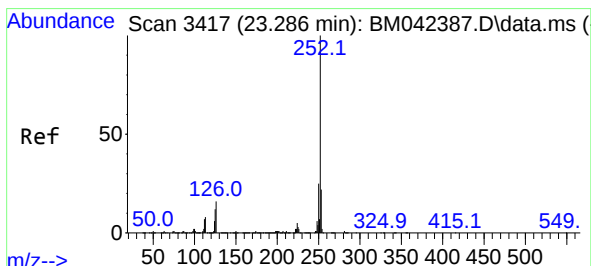
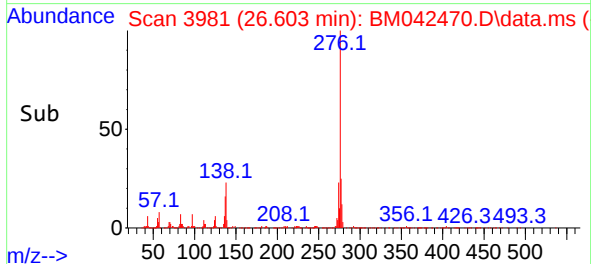
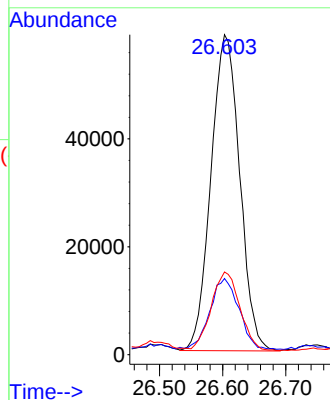
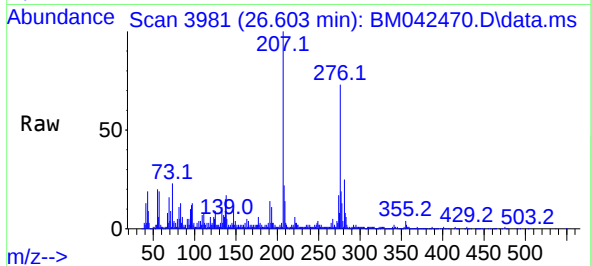
CHRT-24313

Tgt Ion:276 Resp: 185279
Ion Ratio Lower Upper
276 100
138 23.0 25.6 38.4
277 24.7 20.0 30.0

Manual Integrations

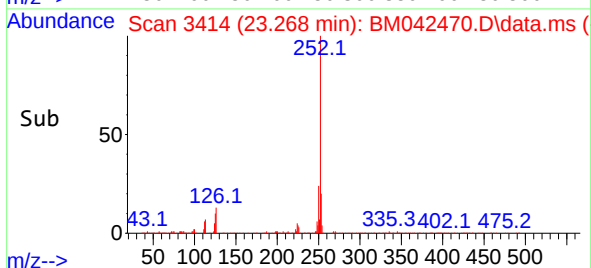
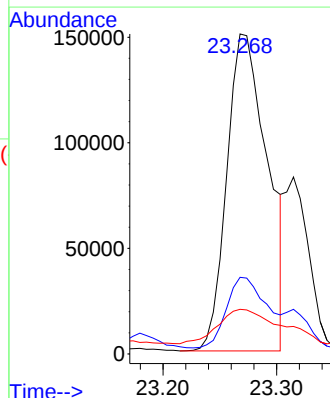
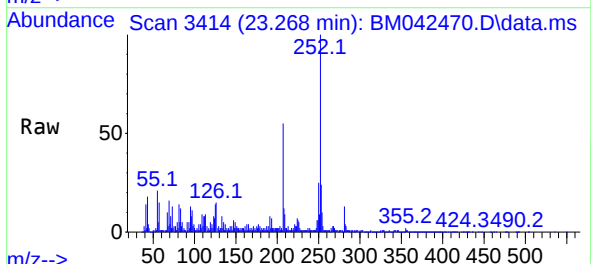
APPROVED

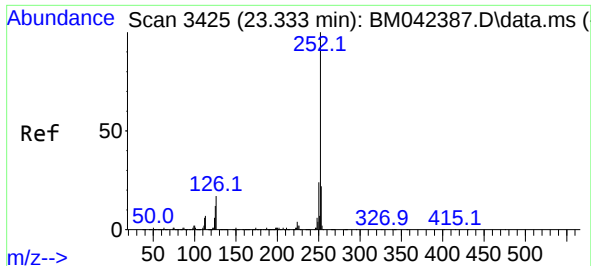
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#88
Benzo(b)fluoranthene
Concen: 10.109 ng
RT: 23.268 min Scan# 3414
Delta R.T. -0.018 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Tgt Ion:252 Resp: 373737
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 14.0 9.8 14.8





#89
Benzo(k)fluoranthene
Concen: 3.098 ng m
RT: 23.315 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Instrument :

BNA_M

ClientSampleId :

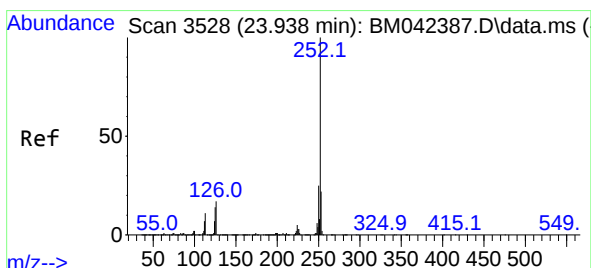
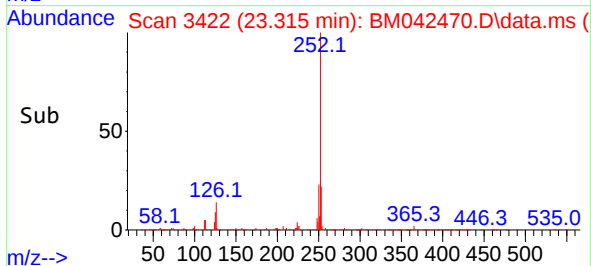
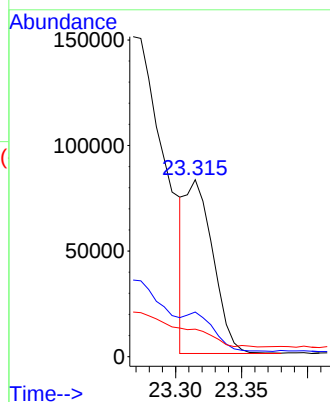
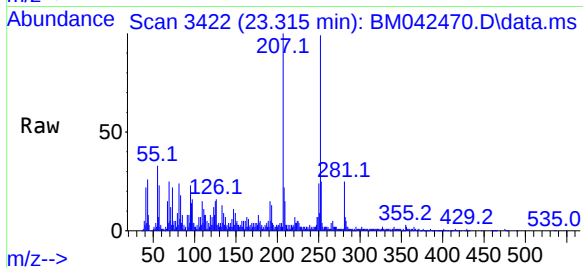
CHRT-24313

Tgt Ion:252 Resp: 11890
Ion Ratio Lower Upper
252 100
253 25.2 17.9 26.9
125 15.6 10.2 15.2

Manual Integrations

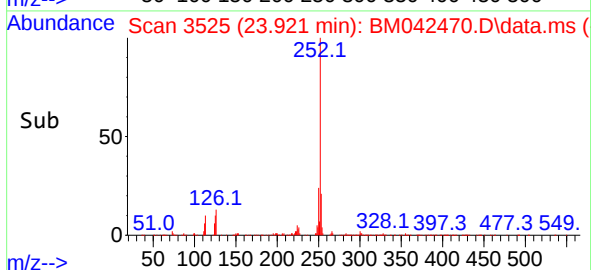
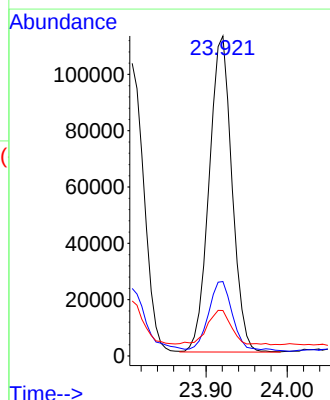
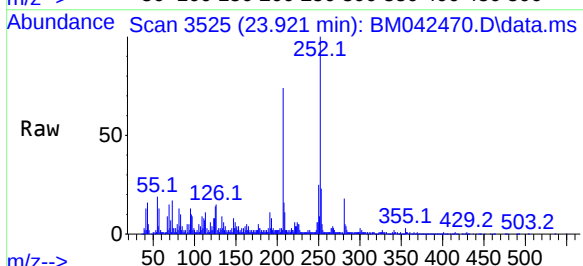
APPROVED

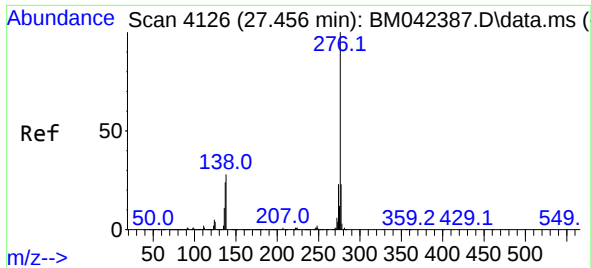
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#90
Benzo(a)pyrene
Concen: 6.163 ng
RT: 23.921 min Scan# 3525
Delta R.T. -0.018 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

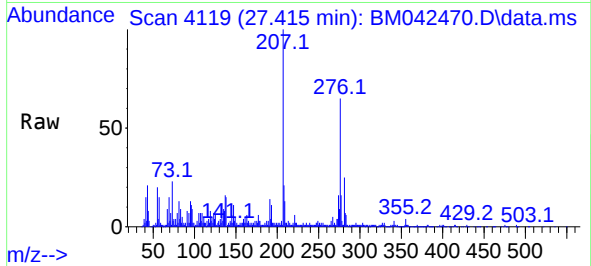
Tgt Ion:252 Resp: 219296
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 14.2 10.9 16.3





#92
Benzo(g,h,i)perylene
Concen: 5.134 ng
RT: 27.415 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM042470.D
Acq: 27 Oct 2023 01:55

Instrument :
BNA_M
ClientSampleId :
CHRT-24313



Tgt Ion:276 Resp: 186060
Ion Ratio Lower Upper
276 100
277 24.7 18.3 27.5
138 23.8 22.6 34.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

