

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
 Data File : BP022440.D
 Acq On : 17 Oct 2024 10:02
 Operator : RC/JU
 Sample : P4264-02ME
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN6ME

Quant Time: Oct 18 00:53:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 05:42:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	113778	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	426244	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	331628	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.092	188	784330	20.000	ng/u1	0.02
79) Chrysene-d12	21.510	240	858736	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	1067267	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	11919	4.071	ng/uL	0.00
4) Pyridine-d5	3.611	84	160567	19.977	ng/u1	0.00
7) Phenol-d5	6.857	99	251773	26.288	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	151387	26.894	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	198098	29.150	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	216580	28.336	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	105375	32.152	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	128743	33.930	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	257218	31.895	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	295769	31.038	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	799990	30.362	ng/u1	0.01
49) Acenaphthylene-d8	13.975	160	883948	31.586	ng/u1	0.01
54) 4-Nitrophenol-d4	14.504	143	116018	26.247	ng/u1	0.00
60) Fluorene-d10	15.292	176	722129	31.598	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.439	200	122070	23.664	ng/u1	0.02
73) Anthracene-d10	17.186	188	1205945	32.684	ng/u1	0.00
81) Pyrene-d10	19.569	212	1535691	33.817	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1850511	32.467	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.493	128	17044352	750.754	ng/u1	97
36) 2-Methylnaphthalene	12.087	142	3879812	232.811	ng/u1	97
37) 1-Methylnaphthalene	12.310	142	1799365	105.785	ng/u1	99
52) Acenaphthene	14.357	153	3000613	146.100	ng/u1	99
61) Fluorene	15.357	166	3555284	141.435	ng/u1	98
71) Pentachlorophenol	16.739	266	65550	8.757	ng/u1	94
72) Phenanthrene	17.139	178	18019978m	429.431	ng/u1	
74) Anthracene	17.222	178	2206999	52.703	ng/u1	99
80) Fluoranthene	19.233	202	14163338	271.297	ng/u1	98
82) Pyrene	19.604	202	9487976	169.566	ng/u1	96
85) Benzo(a)anthracene	21.486	228	2769828	46.010	ng/u1	99
87) Chrysene	21.557	228	2166267	38.808	ng/u1	97
90) Benzo(b)fluoranthene	23.727	252	1491622	22.203	ng/u1	99
91) Benzo(k)fluoranthene	23.792	252	610986m	9.289	ng/u1	
93) Benzo(a)pyrene	24.610	252	767674	12.416	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.468	276	307725m	3.730	ng/u1	
95) Dibenzo(a,h)anthracene	28.498	278	87106m	1.304	ng/u1	
96) Benzo(g,h,i)perylene	29.609	276	233431m	3.637	ng/u1	

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

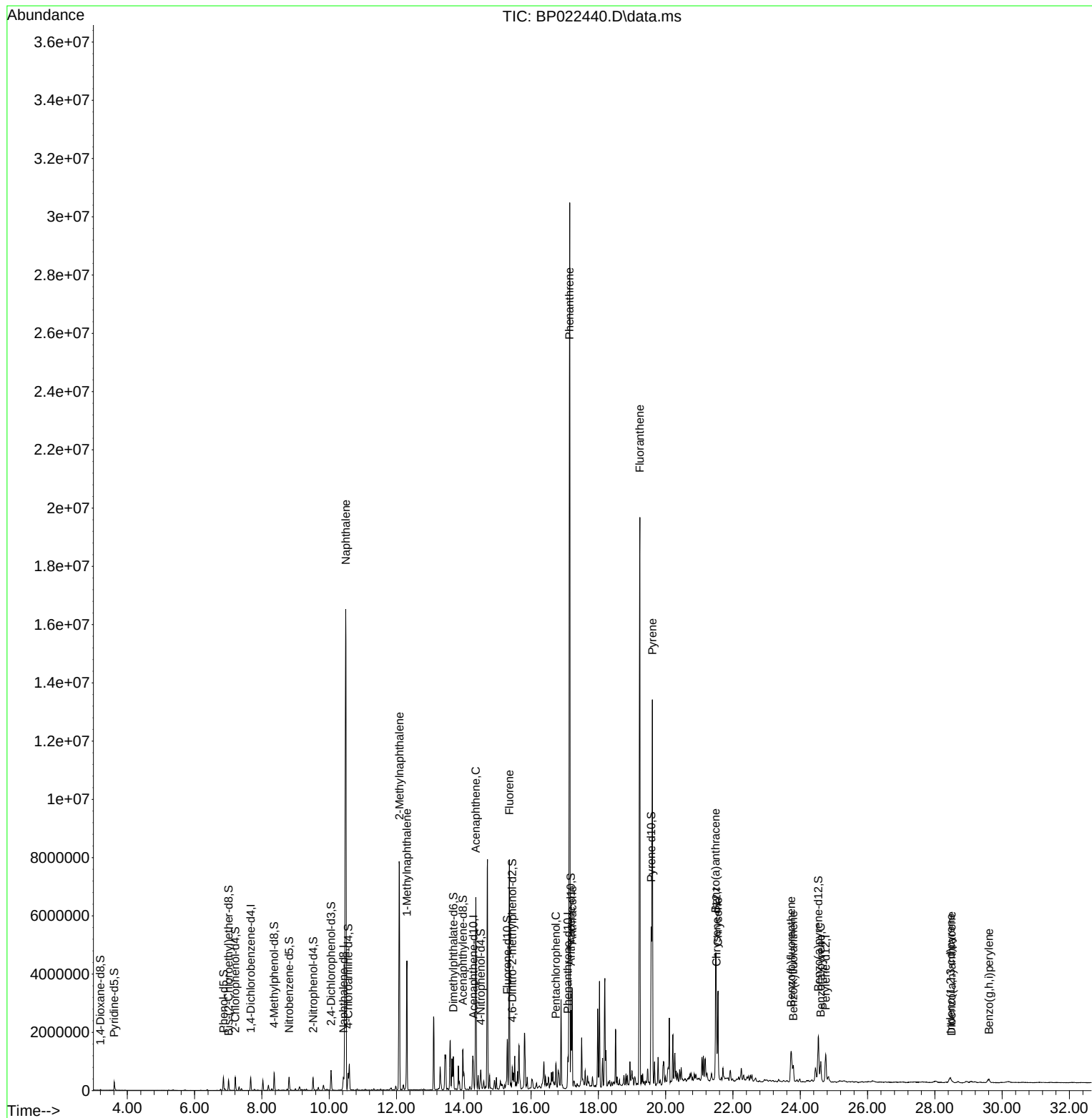
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022440.D
Acq On : 17 Oct 2024 10:02
Operator : RC/JU
Sample : P4264-02ME
Misc :
ALS Vial : 32 Sample Multiplier: 1

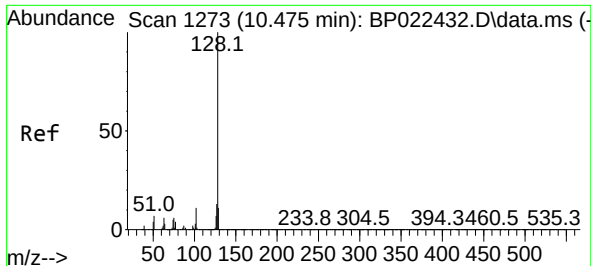
Instrument :
BNA_P
ClientSampleId :
DCYN6ME

Quant Time: Oct 18 00:53:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 05:42:26 2024
Response via : Initial Calibration

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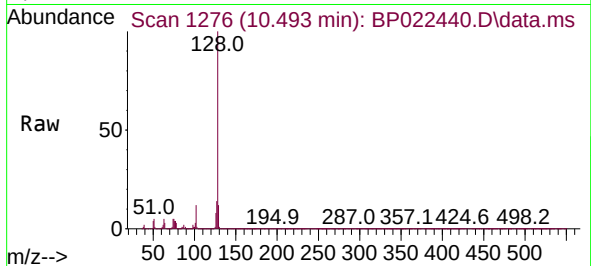
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024





#30
Naphthalene
Concen: 750.754 ng/ul
RT: 10.493 min Scan# 10435
Delta R.T. 0.018 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

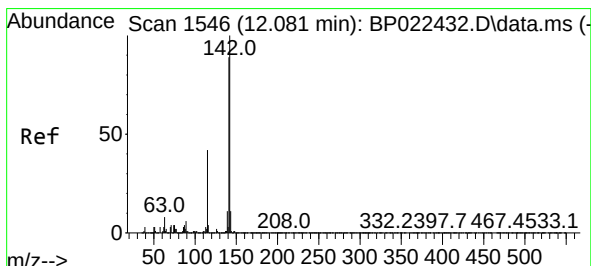
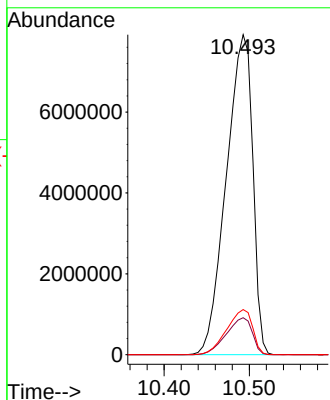
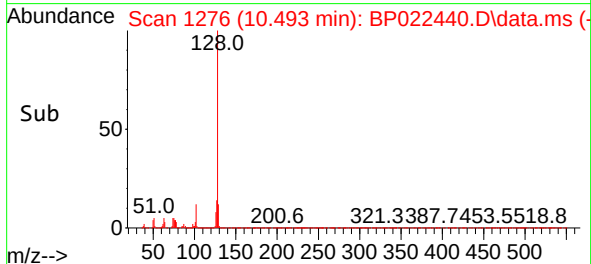
Instrument :
BNA_P
ClientSampleId :
DCYN6ME



Tgt Ion:128 Resp:17044352
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 14.1 9.9 14.9

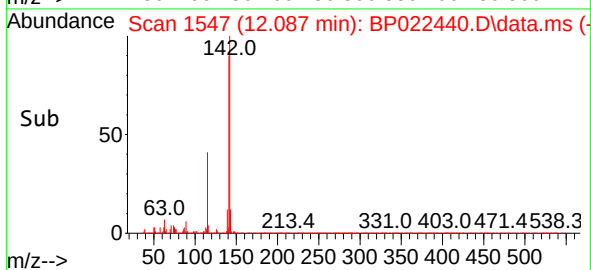
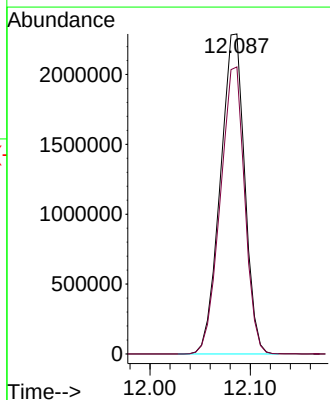
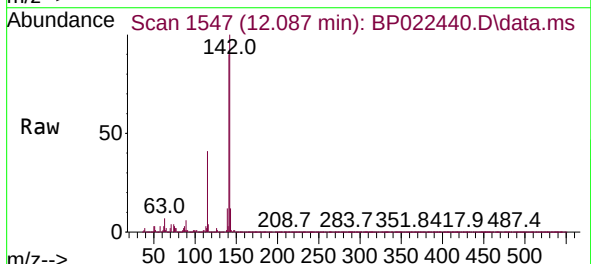
Manual Integrations
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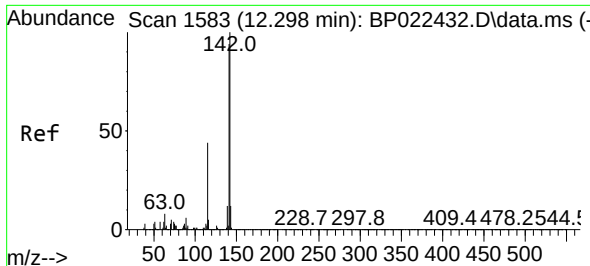
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



#36
2-Methylnaphthalene
Concen: 232.811 ng/ul
RT: 12.087 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

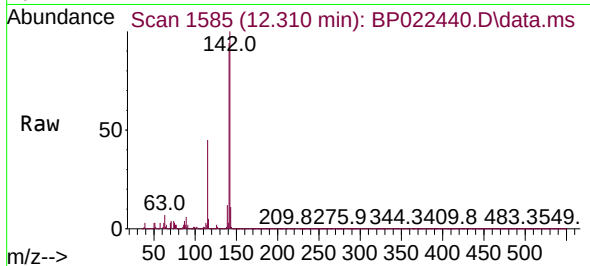
Tgt Ion:142 Resp: 3879812
Ion Ratio Lower Upper
142 100
141 89.7 69.8 104.6





#37
1-Methylnaphthalene
Concen: 105.785 ng/ul
RT: 12.310 min Scan# 1583
Delta R.T. 0.012 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

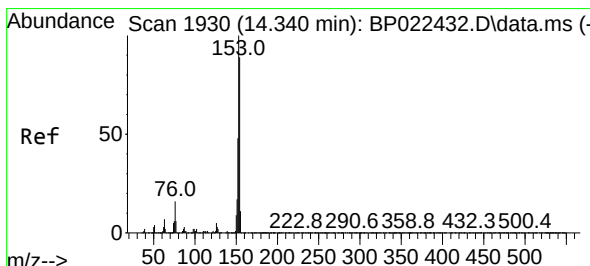
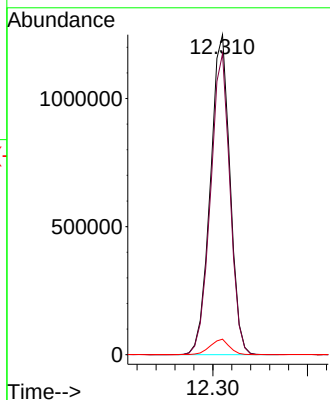
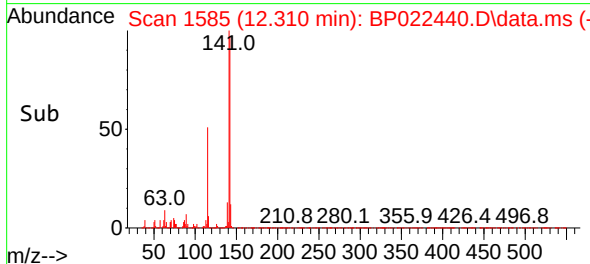
Instrument :
BNA_P
ClientSampleId :
DCYN6ME



Tgt Ion:142 Resp: 179936
Ion Ratio Lower Upper
142 100
141 94.1 74.8 112.2
116 4.8 4.1 6.1

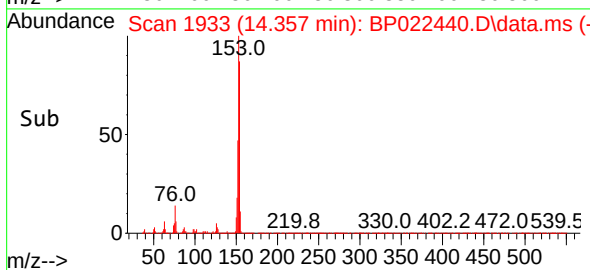
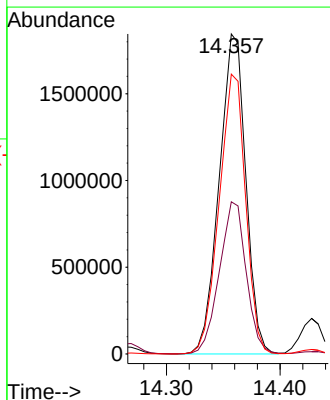
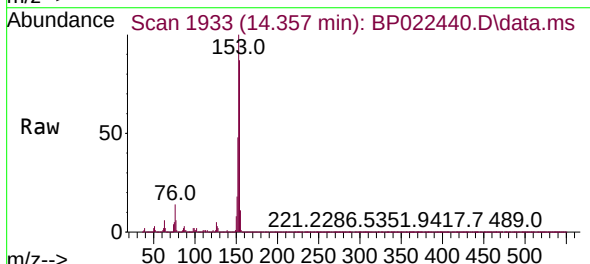
Manual Integrations
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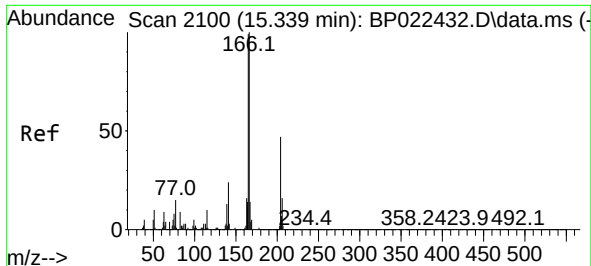
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



#52
Acenaphthene
Concen: 146.100 ng/ul
RT: 14.357 min Scan# 1933
Delta R.T. 0.018 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

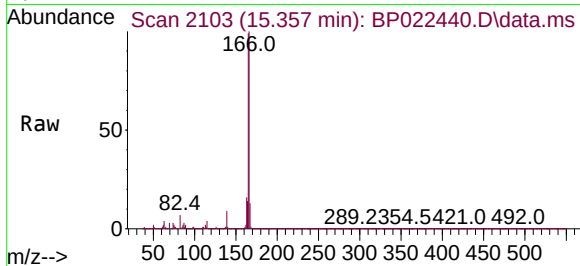
Tgt Ion:153 Resp: 3000613
Ion Ratio Lower Upper
153 100
152 47.6 37.8 56.6
154 87.5 69.5 104.3





#61
Fluorene
Concen: 141.435 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. 0.018 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

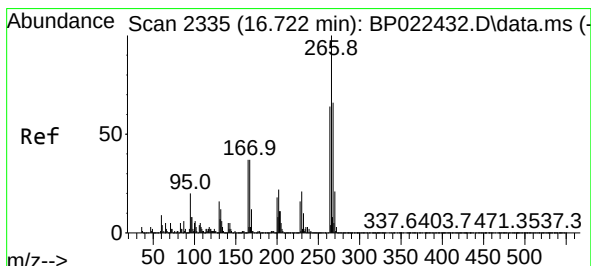
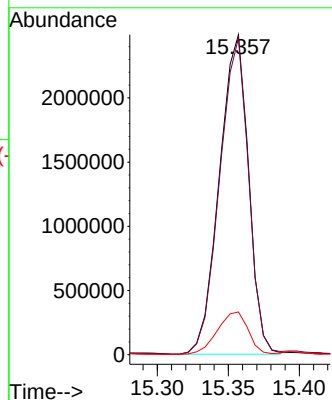
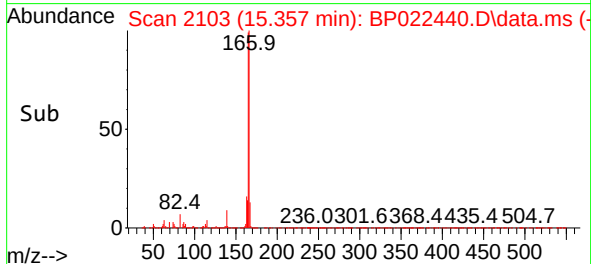
Instrument :
BNA_P
ClientSampleId :
DCYN6ME



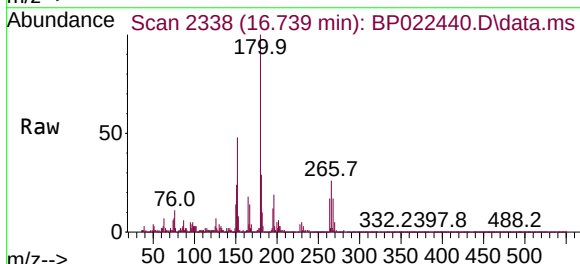
Tgt Ion:166 Resp: 3555284
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.6
167 13.4 11.1 16.7

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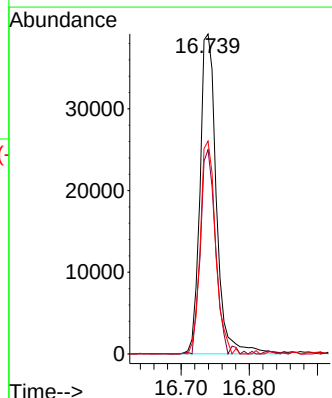
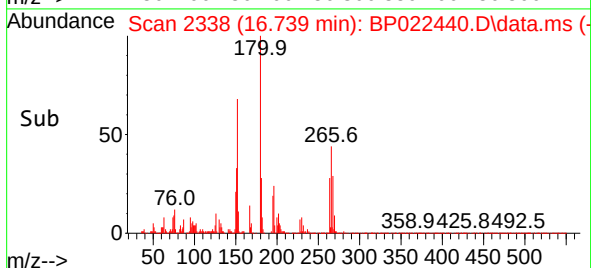
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024

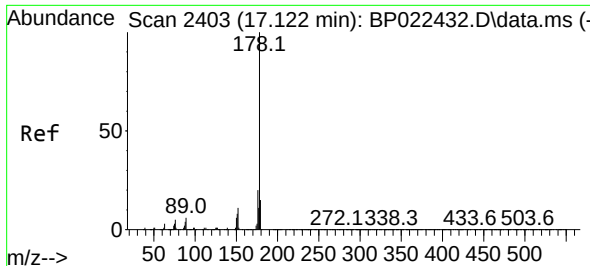


#71
Pentachlorophenol
Concen: 8.757 ng/ul
RT: 16.739 min Scan# 2338
Delta R.T. 0.018 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02



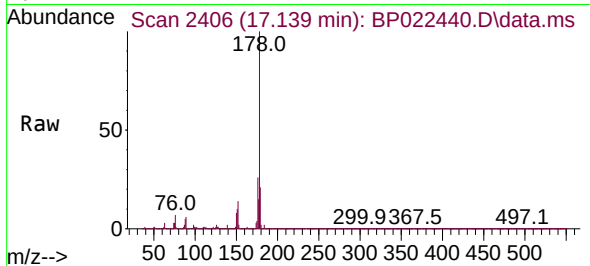
Tgt Ion:266 Resp: 65550
Ion Ratio Lower Upper
266 100
264 70.1 52.4 78.6
268 71.6 53.0 79.4





#72
Phenanthrene
Concen: 429.431 ng/ul m
RT: 17.139 min Scan# 2406
Delta R.T. 0.018 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

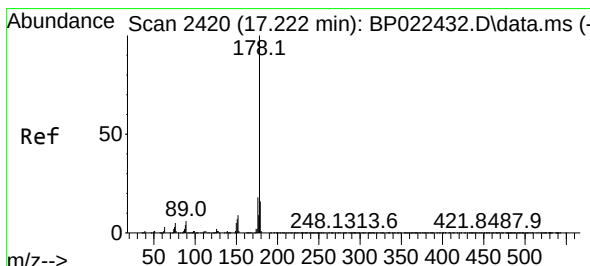
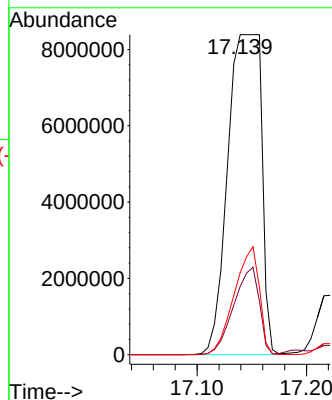
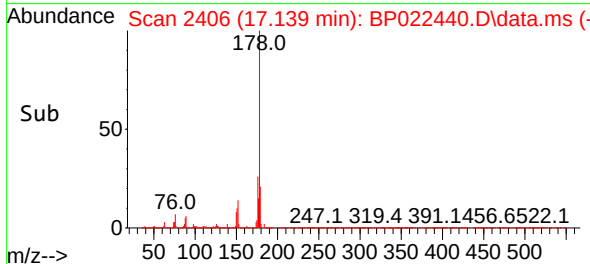
Instrument :
BNA_P
ClientSampleId :
DCYN6ME



Tgt Ion:178 Resp:18019978
Ion Ratio Lower Upper
178 100
179 21.4 12.2 18.4
176 25.6 15.7 23.5

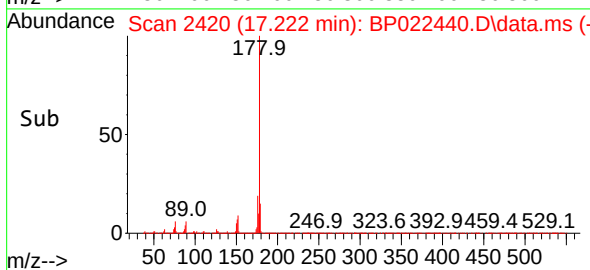
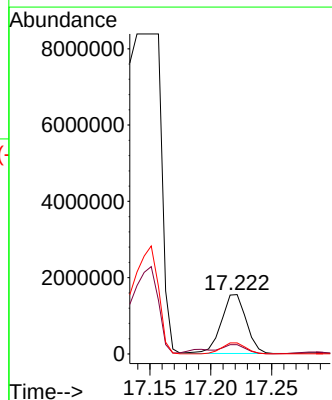
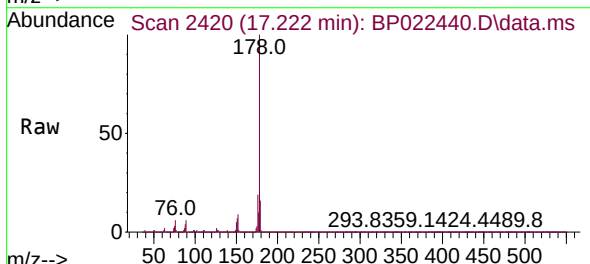
Manual Integrations
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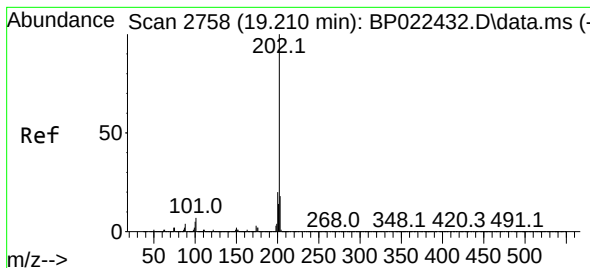
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



#74
Anthracene
Concen: 52.703 ng/ul
RT: 17.222 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

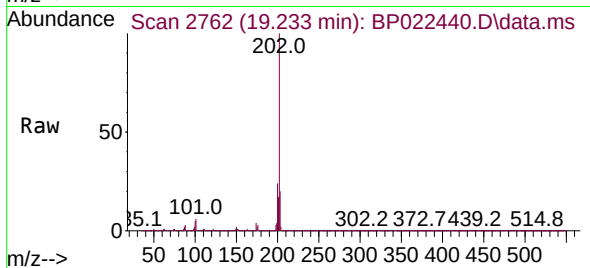
Tgt Ion:178 Resp: 2206999
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 18.6 15.0 22.4





#80
Fluoranthene
Concen: 271.297 ng/u1
RT: 19.233 min Scan# 21
Delta R.T. 0.023 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

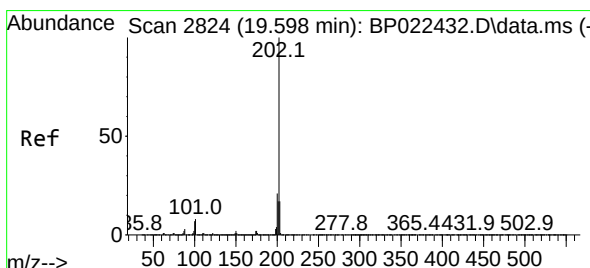
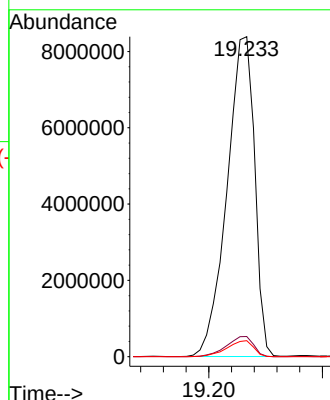
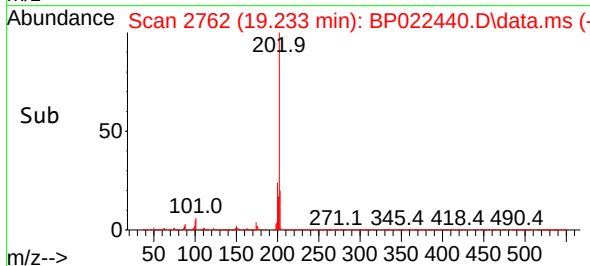
Instrument :
BNA_P
ClientSampleId :
DCYN6ME



Tgt Ion:202 Resp:14163338
Ion Ratio Lower Upper
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101 6.3 5.8 8.8
100 5.0 4.5 6.7

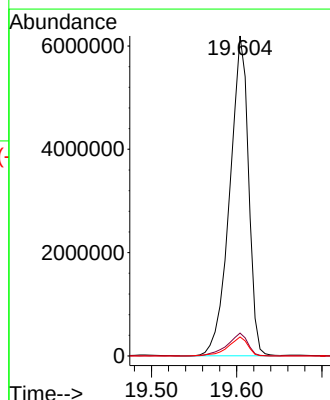
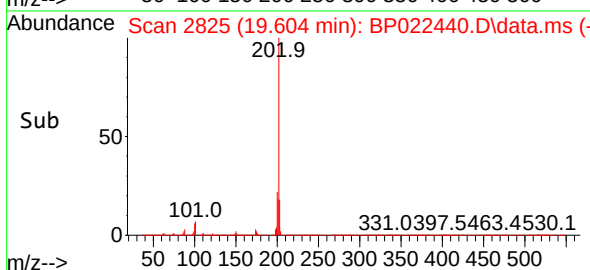
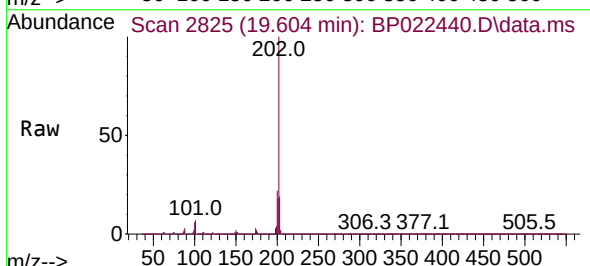
Manual Integrations
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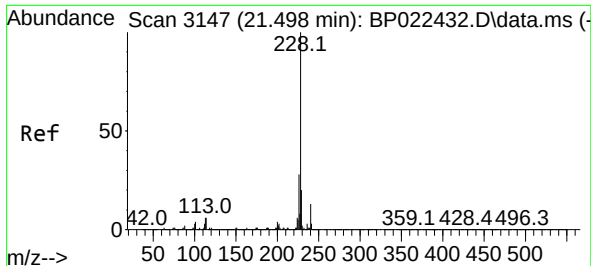
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



#82
Pyrene
Concen: 169.566 ng/u1
RT: 19.604 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

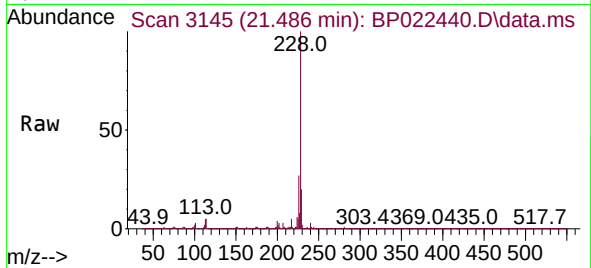
Tgt Ion:202 Resp: 9487976
Ion Ratio Lower Upper
202 100
101 7.2 6.7 10.1
100 6.0 5.8 8.6





#85
Benzo(a)anthracene
Concen: 46.010 ng/u1
RT: 21.486 min Scan# 3145
Delta R.T. -0.012 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

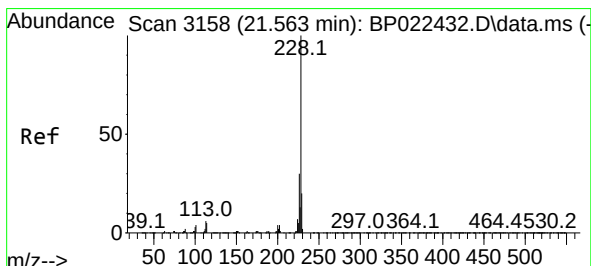
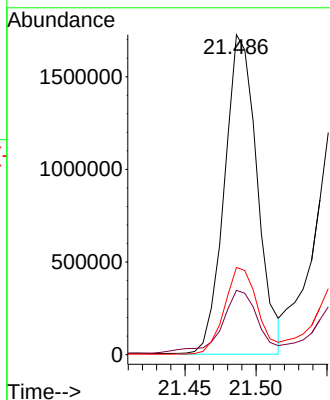
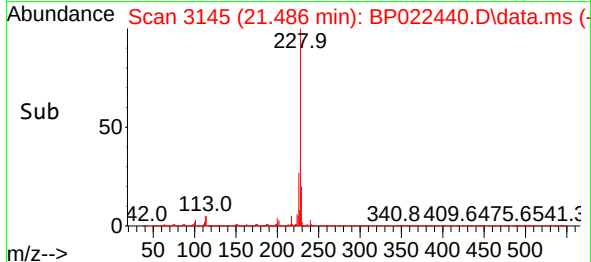
Instrument :
BNA_P
ClientSampleId :
DCYN6ME



Tgt Ion:228 Resp: 2769828
Ion Ratio Lower Upper
228 100
229 20.1 15.4 23.0
226 27.2 21.5 32.3

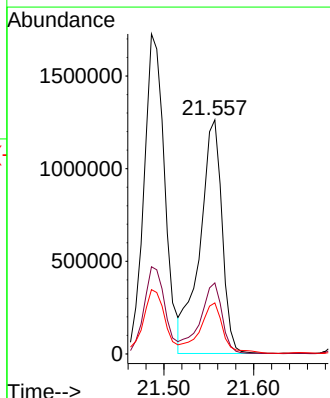
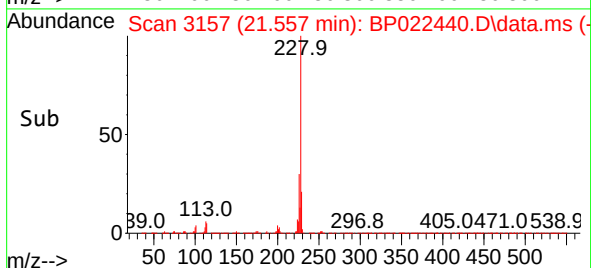
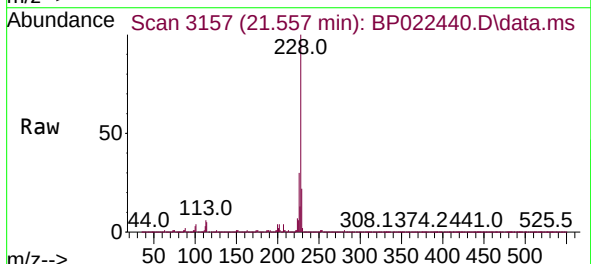
Manual Integrations
APPROVED

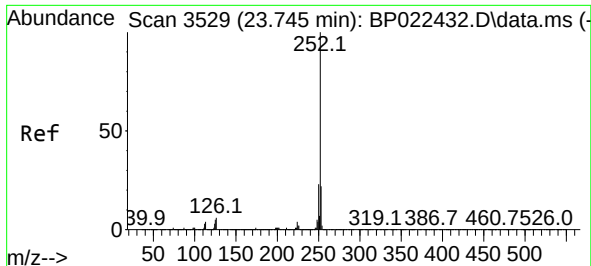
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



#87
Chrysene
Concen: 38.808 ng/u1
RT: 21.557 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

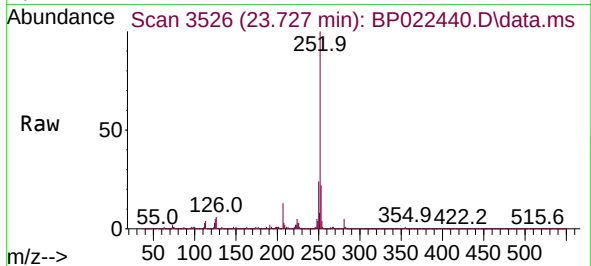
Tgt Ion:228 Resp: 2166267
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 21.8 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 22.203 ng/ul
RT: 23.727 min Scan# 3526
Delta R.T. -0.018 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

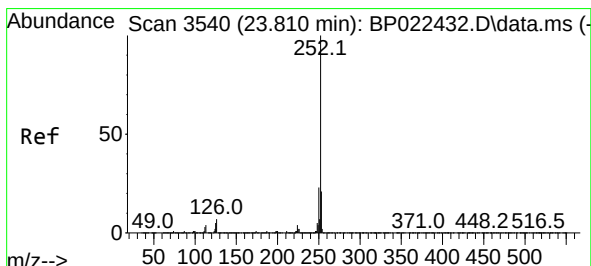
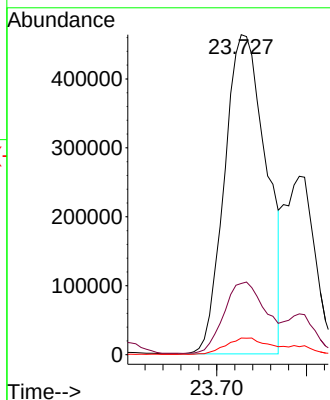
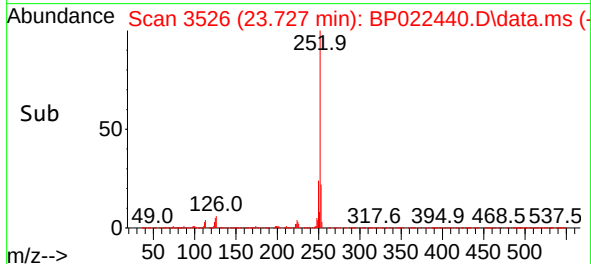
Instrument :
BNA_P
ClientSampleId :
DCYN6ME



Tgt Ion:252 Resp: 149162
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 5.2 5.0 7.4

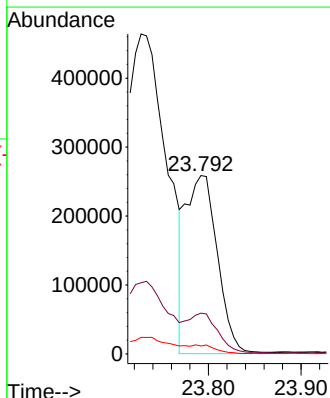
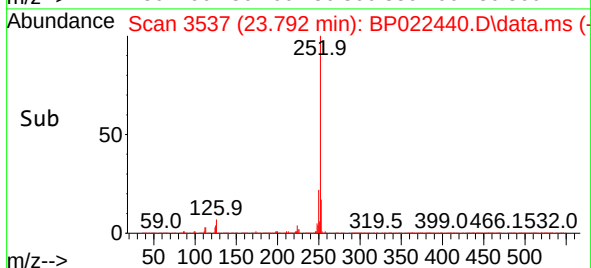
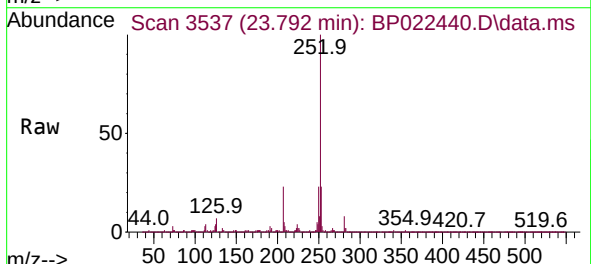
Manual Integrations
APPROVED

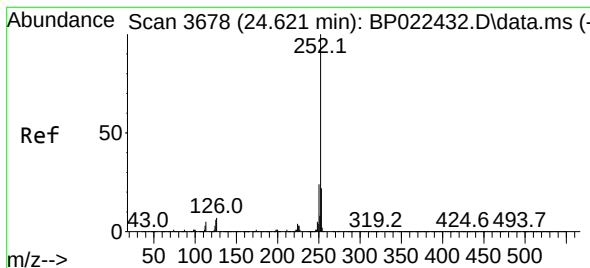
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/18/2024



#91
Benzo(k)fluoranthene
Concen: 9.289 ng/ul m
RT: 23.792 min Scan# 3537
Delta R.T. -0.018 min
Lab File: BP022440.D
Acq: 17 Oct 2024 10:02

Tgt Ion:252 Resp: 610986
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 4.5 4.6 6.8#





#93

Benzo(a)pyrene

Concen: 12.416 ng/ul

RT: 24.610 min Scan# 30

Delta R.T. -0.012 min

Lab File: BP022440.D

Acq: 17 Oct 2024 10:02

Instrument :

BNA_P

ClientSampleId :

DCYN6ME

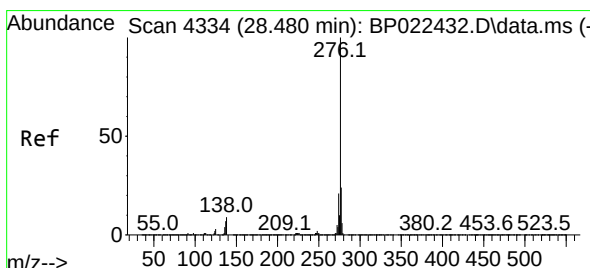
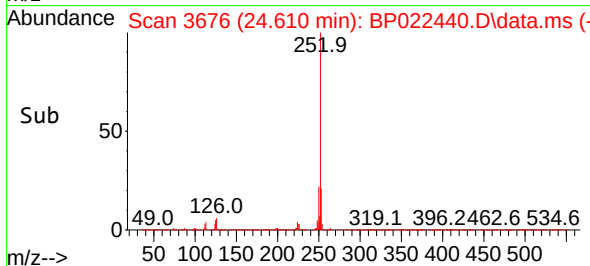
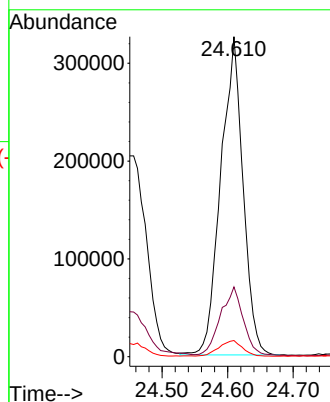
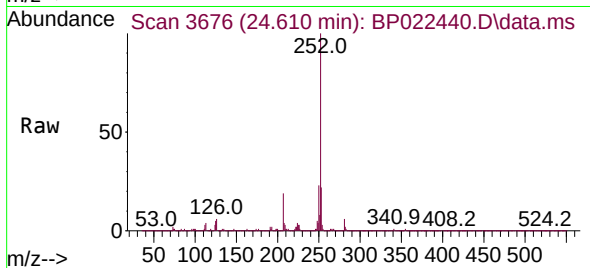
Tgt Ion:	252	Resp:	767674
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.7	26.5
125	5.0	4.9	7.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2024

Supervised By :mohammad ahmed 10/18/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.730 ng/ul m

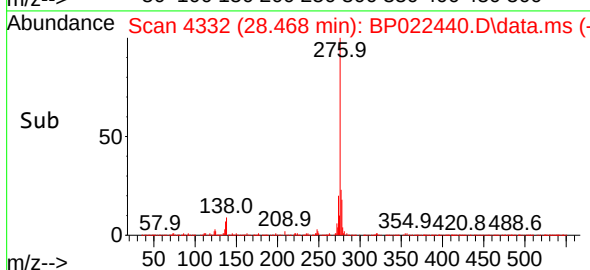
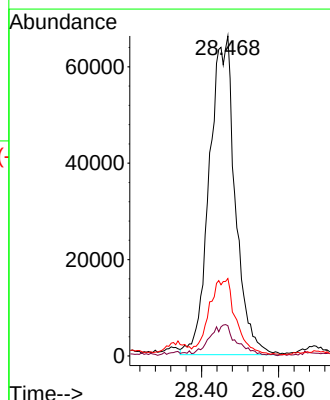
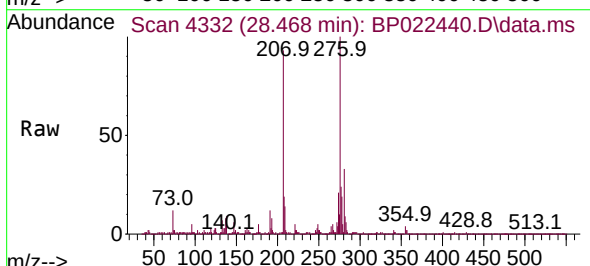
RT: 28.468 min Scan# 4332

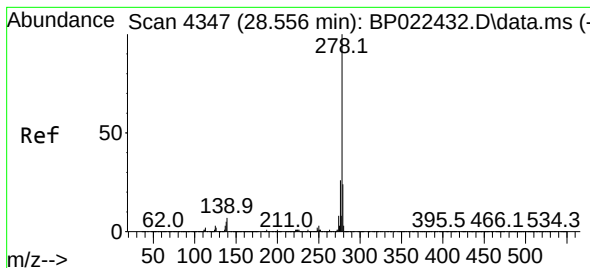
Delta R.T. -0.012 min

Lab File: BP022440.D

Acq: 17 Oct 2024 10:02

Tgt Ion:	276	Resp:	307725
Ion Ratio	Lower	Upper	
276	100		
138	9.4	9.1	13.7
277	24.2	18.6	27.8





#95

Dibenzo(a,h)anthracene

Concen: 1.304 ng/ul m

RT: 28.498 min Scan# 4337

Delta R.T. -0.059 min

Lab File: BP022440.D

Acq: 17 Oct 2024 10:02

Instrument :

BNA_P

ClientSampleId :

DCYN6ME

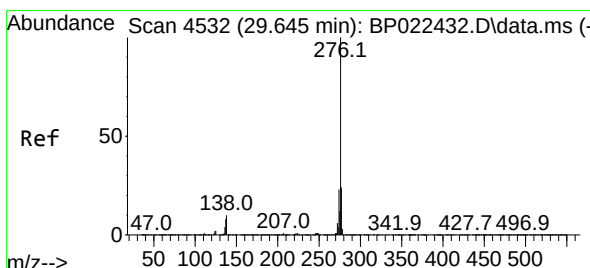
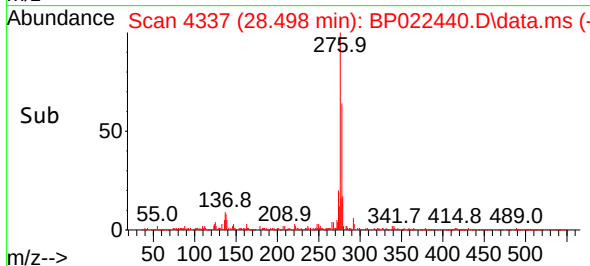
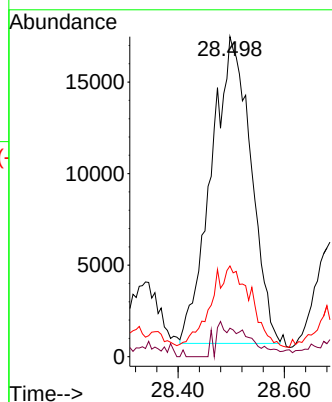
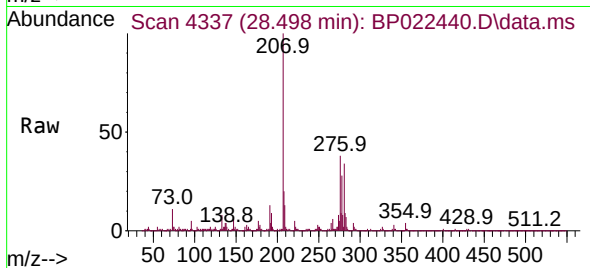
Tgt Ion:	278	Resp:	87100
Ion Ratio	Lower	Upper	
278	100		
139	8.9	7.3	10.9
279	28.4	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2024

Supervised By :mohammad ahmed 10/18/2024



#96

Benzo(g,h,i)perylene

Concen: 3.637 ng/ul m

RT: 29.609 min Scan# 4526

Delta R.T. -0.035 min

Lab File: BP022440.D

Acq: 17 Oct 2024 10:02

Tgt Ion:	276	Resp:	233431
Ion Ratio	Lower	Upper	
276	100		
138	10.0	8.5	12.7
277	23.0	19.0	28.4

