

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023435.D
 Acq On : 16 Dec 2024 15:07
 Operator : RC/JU
 Sample : P5232-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28T3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 17 00:25:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	148564	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	555170	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.145	164	399319	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.951	188	824309	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	840919	20.000	ng/u1	0.00
88) Perylene-d12	24.574	264	949531	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	8069	2.000	ng/uL	0.00
4) Pyridine-d5	3.540	84	7275m	0.701	ng/u1	0.02
7) Phenol-d5	6.752	99	148882	12.772	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	97578	13.268	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	113857	13.234	ng/u1	0.00
15) 4-Methylphenol-d8	8.258	113	102455	10.890	ng/u1	0.00
21) Nitrobenzene-d5	8.681	128	56818	13.705	ng/u1	0.00
24) 2-Nitrophenol-d4	9.387	143	68360	14.307	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	124160	12.312	ng/u1	0.00
31) 4-Chloroaniline-d4	10.446	131	47162m	4.175	ng/u1	0.00
46) Dimethylphthalate-d6	13.551	166	425453	13.725	ng/u1	0.00
49) Acenaphthylene-d8	13.834	160	423054	12.938	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	35654m	9.386	ng/u1	0.06
60) Fluorene-d10	15.157	176	350029	12.837	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	20169	4.049	ng/u1	0.02
73) Anthracene-d10	17.051	188	517120	13.746	ng/u1	0.00
81) Pyrene-d10	19.439	212	510108	11.611	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.363	264	342533	6.739	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.781	94	24030	1.980	ng/u1	94
16) Acetophenone	8.357	105	27627	1.745	ng/u1	92
30) Naphthalene	10.328	128	76768	2.641	ng/u1	99
36) 2-Methylnaphthalene	11.940	142	30509	1.416	ng/u1	96
61) Fluorene	15.222	166	34037	1.131	ng/u1#	94
72) Phenanthrene	16.992	178	167287	3.925	ng/u1	96
74) Anthracene	17.092	178	125503	2.945	ng/u1	97
80) Fluoranthene	19.092	202	277852	5.519	ng/u1	98
82) Pyrene	19.469	202	237875	4.453	ng/u1	100
85) Benzo(a)anthracene	21.363	228	208914	3.705	ng/u1#	88
87) Chrysene	21.433	228	246793	4.567	ng/u1#	88
90) Benzo(b)fluoranthene	23.574	252	427160	7.160	ng/u1#	87
91) Benzo(k)fluoranthene	23.633	252	168984m	2.847	ng/u1	
93) Benzo(a)pyrene	24.433	252	154542	2.857	ng/u1#	73
94) Indeno(1,2,3-cd)pyrene	28.180	276	181523m	2.611	ng/u1	
95) Dibenzo(a,h)anthracene	28.227	278	65200m	1.172	ng/u1	

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

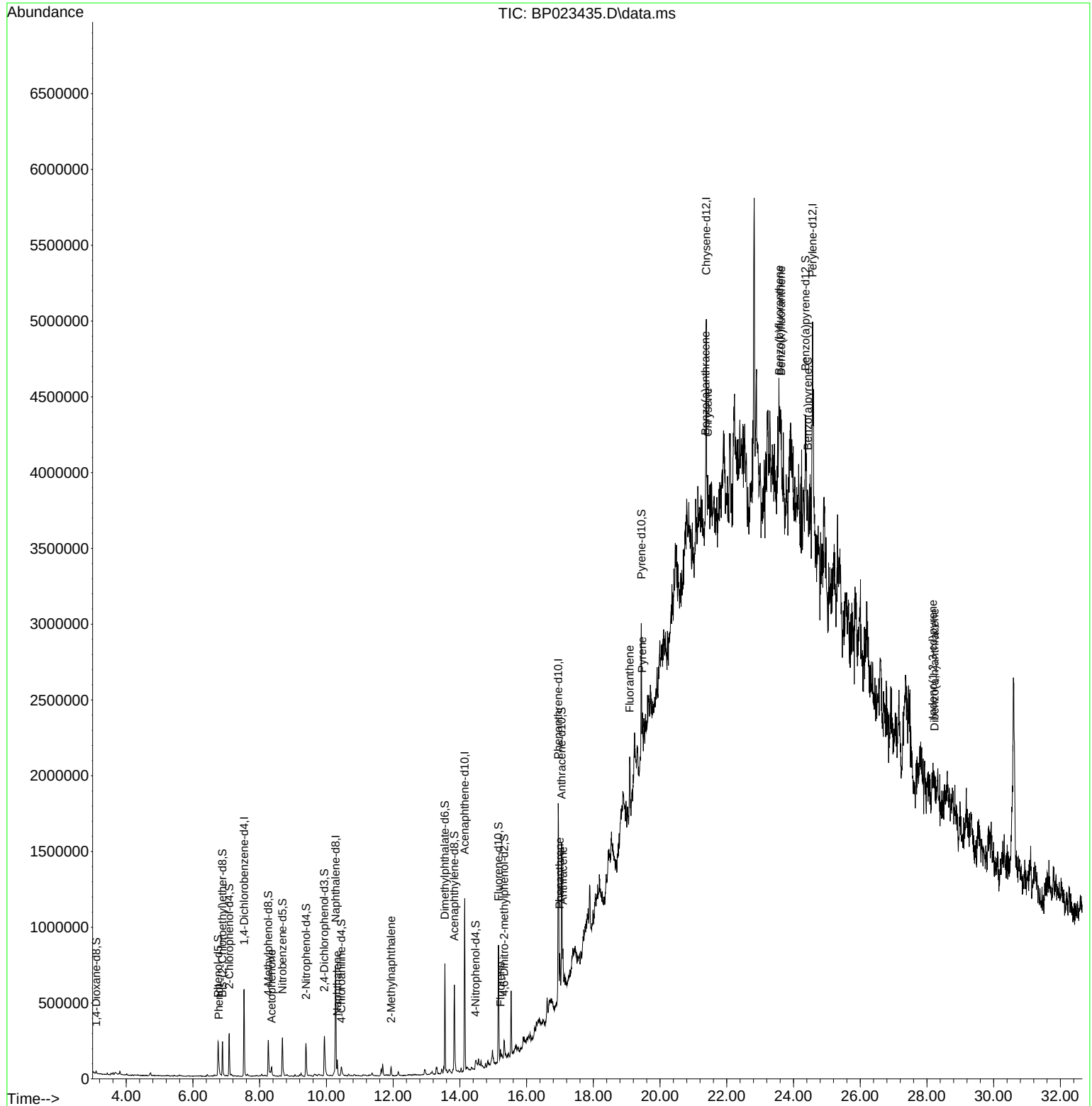
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023435.D
Acq On : 16 Dec 2024 15:07
Operator : RC/JU
Sample : P5232-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

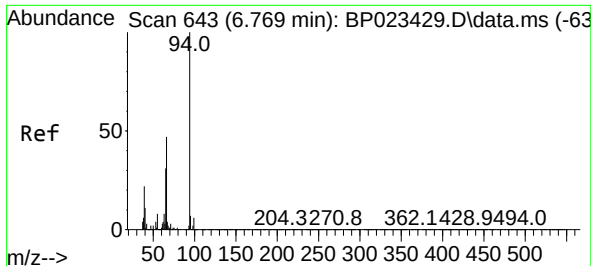
Instrument :
BNA_P
ClientSampleId :
E28T3

Quant Time: Dec 17 00:25:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
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#8

Phenol

Concen: 1.980 ng/ul

RT: 6.781 min Scan# 643

Delta R.T. 0.006 min

Lab File: BP023435.D

Acq: 16 Dec 2024 15:07

Instrument :

BNA_P

ClientSampleId :

E28T3

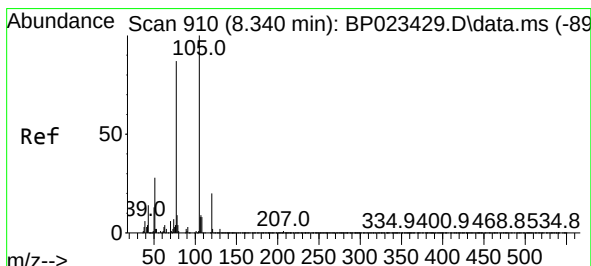
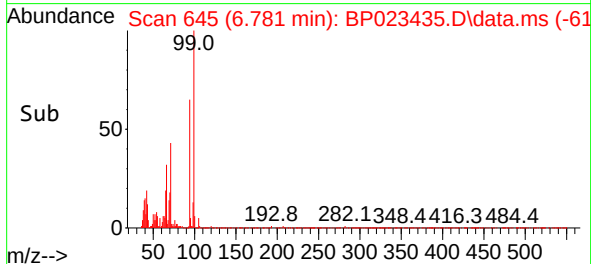
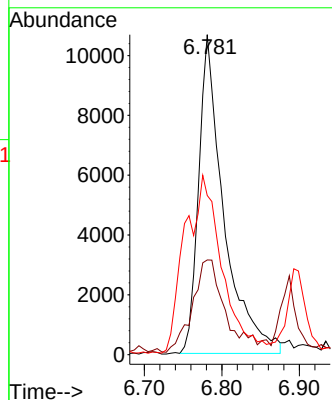
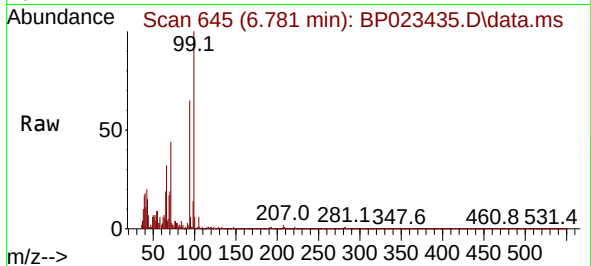
Tgt Ion: 94	Resp: 24030
Ion Ratio	Lower Upper
94 100	
65 29.6	28.0 42.0
66 49.7	42.0 63.0

Manual Integrations

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Supervised By :mohammad ahmed 12/19/2024



#16

Acetophenone

Concen: 1.745 ng/ul

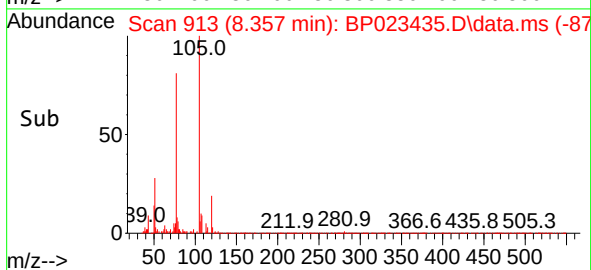
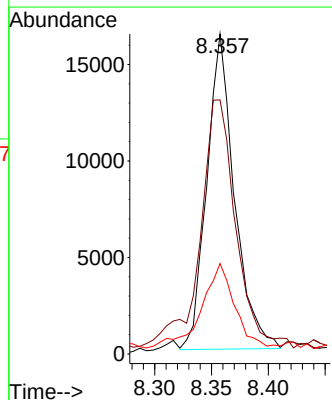
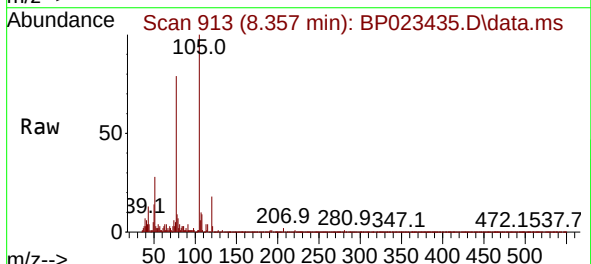
RT: 8.357 min Scan# 913

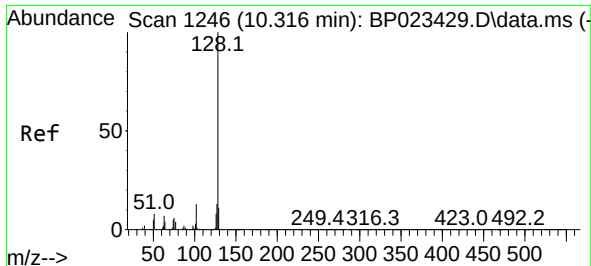
Delta R.T. -0.000 min

Lab File: BP023435.D

Acq: 16 Dec 2024 15:07

Tgt Ion:105	Resp: 27627
Ion Ratio	Lower Upper
105 100	
77 79.4	71.2 106.8
51 28.2	22.9 34.3





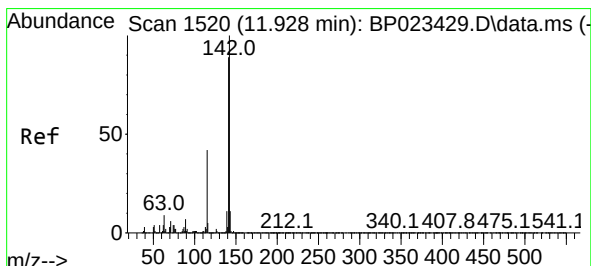
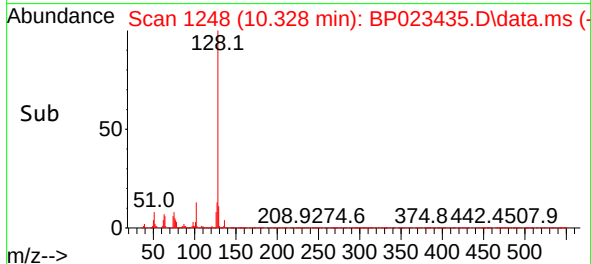
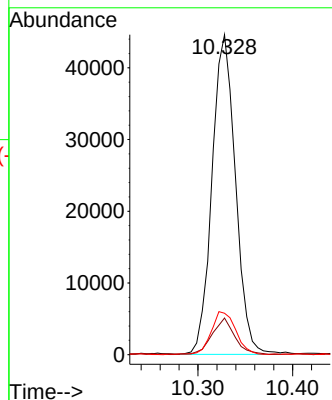
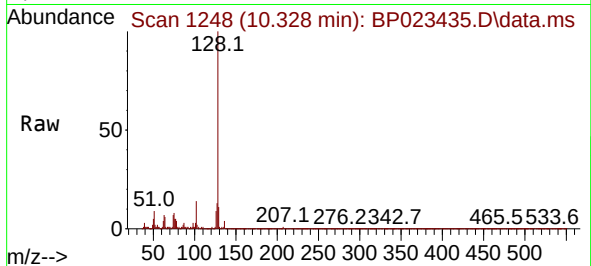
#30
Naphthalene
Concen: 2.641 ng/ul
RT: 10.328 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP023435.D
Acq: 16 Dec 2024 15:07

Instrument :
BNA_P
ClientSampleId :
E28T3

Tgt Ion:128 Resp: 76768
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 12.9 10.5 15.7

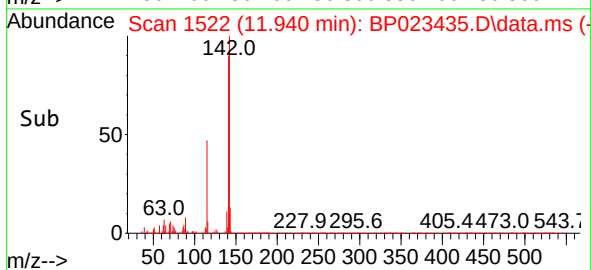
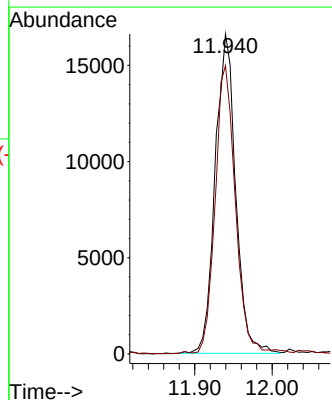
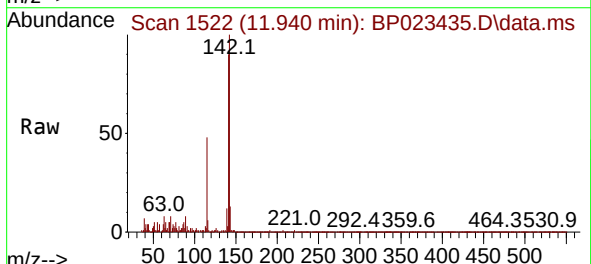
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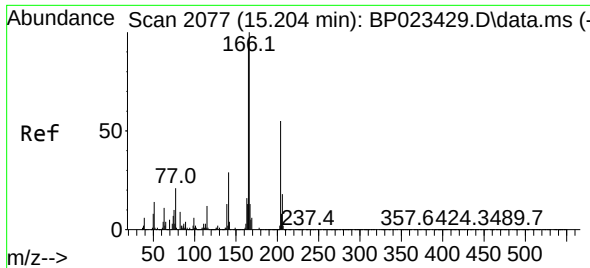
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



#36
2-Methylnaphthalene
Concen: 1.416 ng/ul
RT: 11.940 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BP023435.D
Acq: 16 Dec 2024 15:07

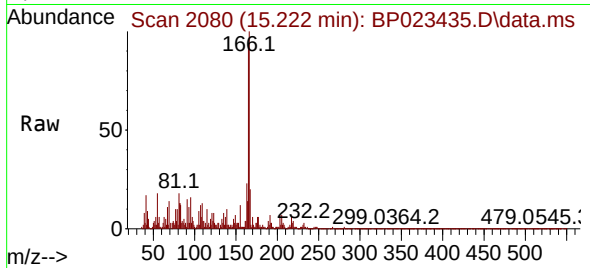
Tgt Ion:142 Resp: 30509
Ion Ratio Lower Upper
142 100
141 90.1 69.0 103.6





#61
Fluorene
Concen: 1.131 ng/ul
RT: 15.222 min Scan# 2077
Delta R.T. 0.006 min
Lab File: BP023435.D
Acq: 16 Dec 2024 15:07

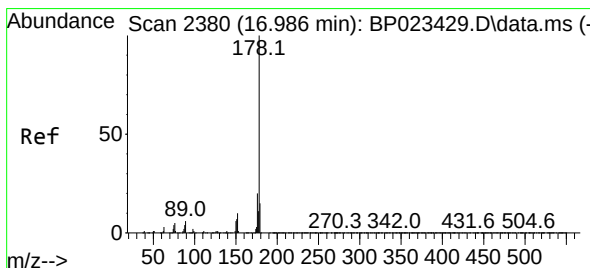
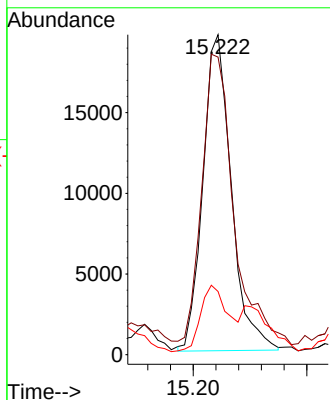
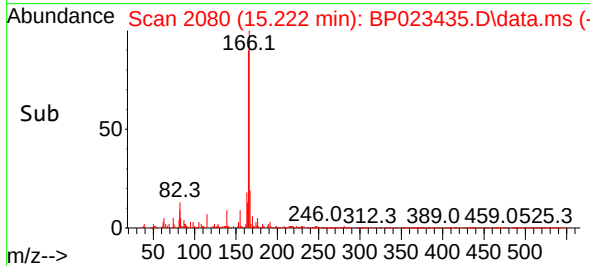
Instrument :
BNA_P
ClientSampleId :
E28T3



Tgt Ion:166 Resp: 3403
Ion Ratio Lower Upper
166 100
165 93.0 78.5 117.7
167 19.7 11.1 16.7

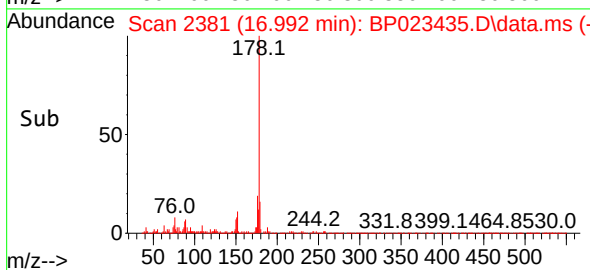
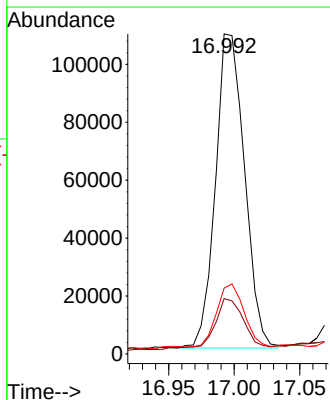
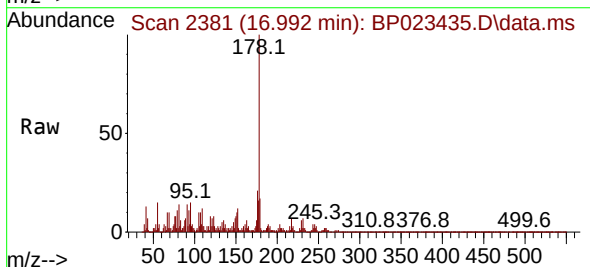
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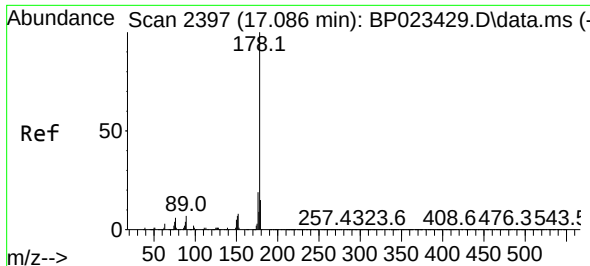
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



#72
Phenanthrene
Concen: 3.925 ng/ul
RT: 16.992 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP023435.D
Acq: 16 Dec 2024 15:07

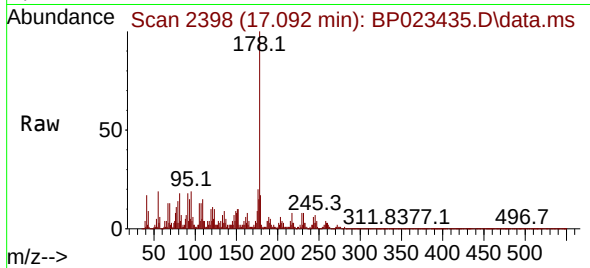
Tgt Ion:178 Resp: 167287
Ion Ratio Lower Upper
178 100
179 17.3 12.1 18.1
176 20.5 15.4 23.0





#74
 Anthracene
 Concen: 2.945 ng/ul
 RT: 17.092 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP023435.D
 Acq: 16 Dec 2024 15:07

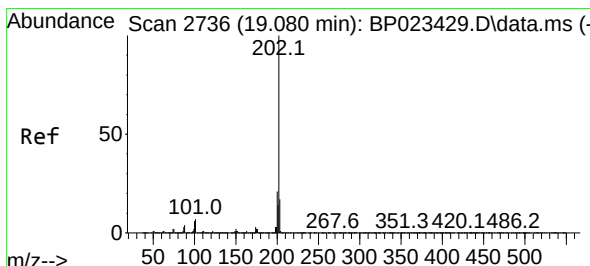
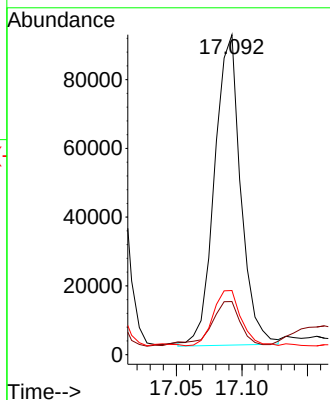
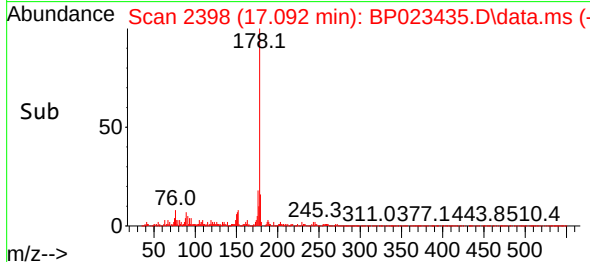
Instrument :
 BNA_P
 ClientSampleId :
 E28T3



Tgt Ion:178 Resp: 12550
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.3 18.5
 176 20.1 14.7 22.1

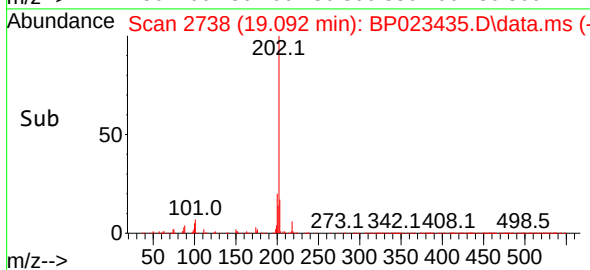
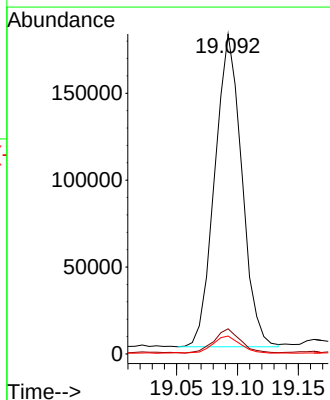
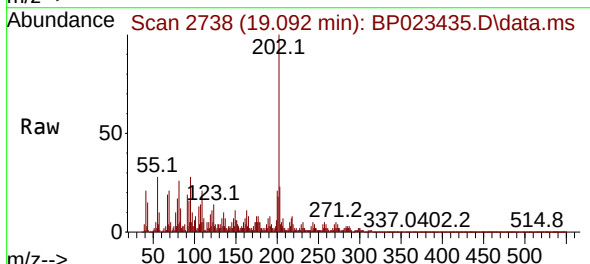
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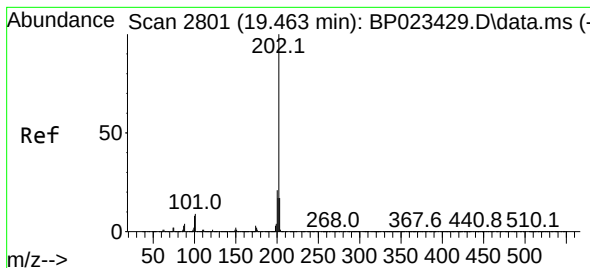
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/19/2024



#80
 Fluoranthene
 Concen: 5.519 ng/ul
 RT: 19.092 min Scan# 2738
 Delta R.T. -0.006 min
 Lab File: BP023435.D
 Acq: 16 Dec 2024 15:07

Tgt Ion:202 Resp: 277852
 Ion Ratio Lower Upper
 202 100
 101 7.8 5.6 8.4
 100 5.6 4.6 7.0





#82

Pyrene

Concen: 4.453 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP023435.D

Acq: 16 Dec 2024 15:07

Instrument :

BNA_P

ClientSampleId :

E28T3

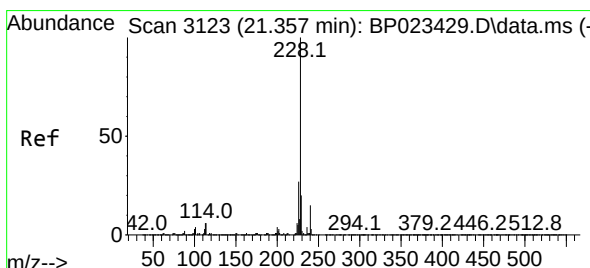
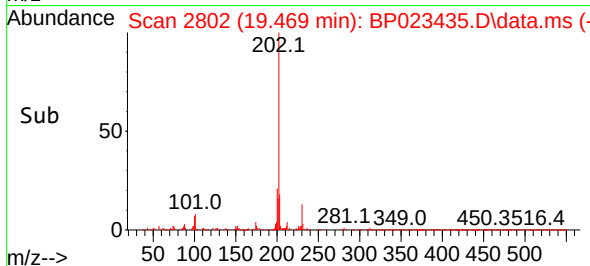
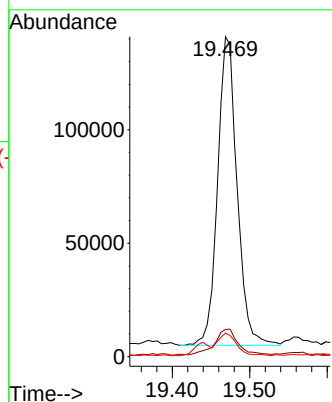
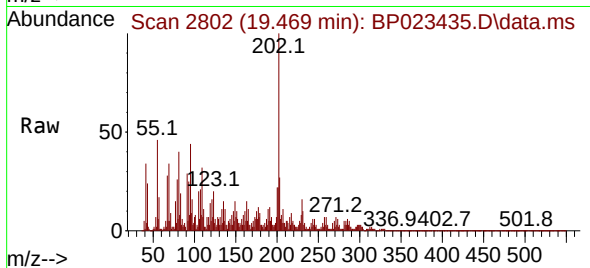
Tgt Ion:	202	Resp:	23787
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.7	10.1
100	7.4	5.8	8.8

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 3.705 ng/ul

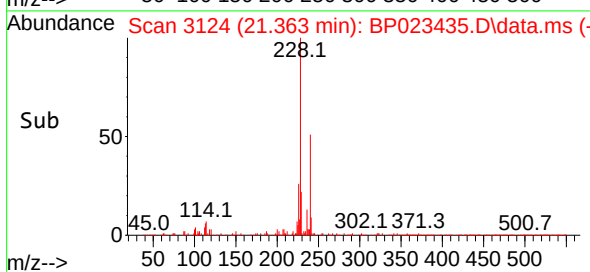
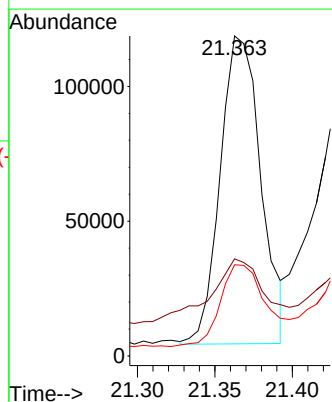
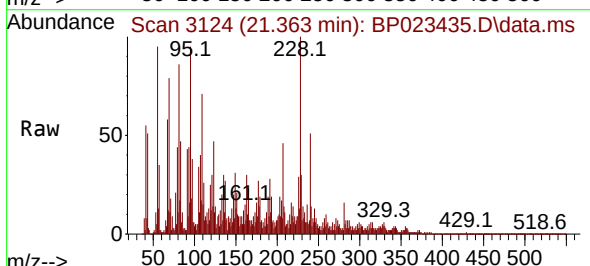
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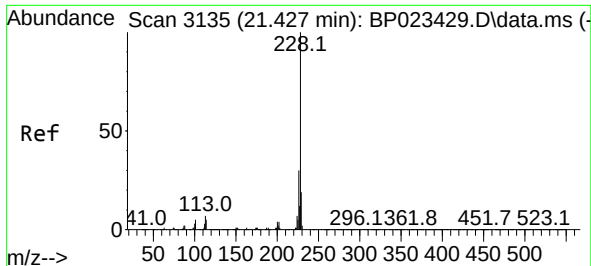
Delta R.T. -0.006 min

Lab File: BP023435.D

Acq: 16 Dec 2024 15:07

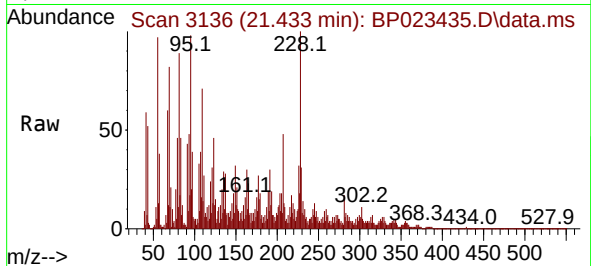
Tgt Ion:	228	Resp:	208914
Ion Ratio	Lower	Upper	
228	100		
229	30.3	15.7	23.5
226	28.5	21.6	32.4





#87
Chrysene
Concen: 4.567 ng/ul
RT: 21.433 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BP023435.D
Acq: 16 Dec 2024 15:07

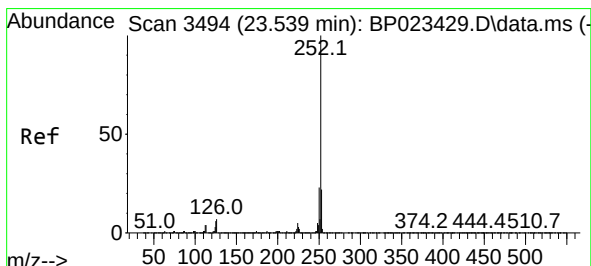
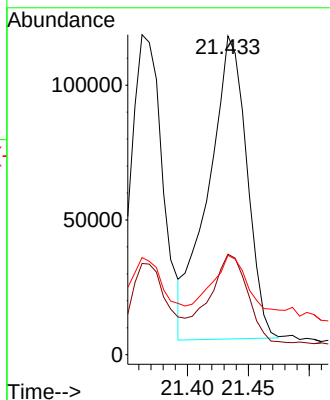
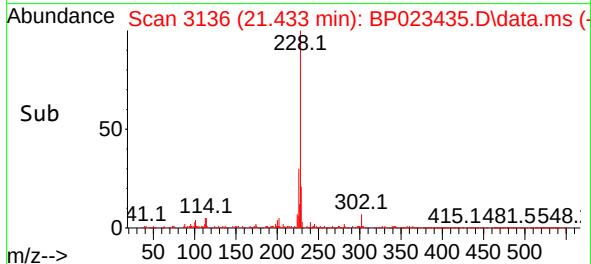
Instrument :
BNA_P
ClientSampleId :
E28T3



Tgt Ion:228 Resp: 246790
Ion Ratio Lower Upper
228 100
226 31.5 24.2 36.2
229 31.2 15.6 23.4

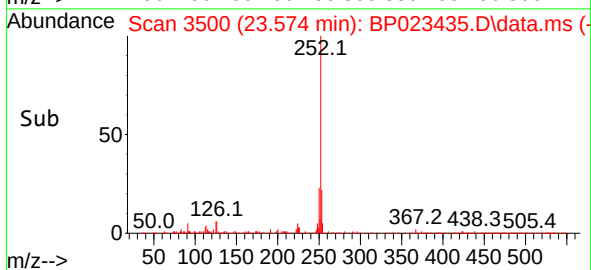
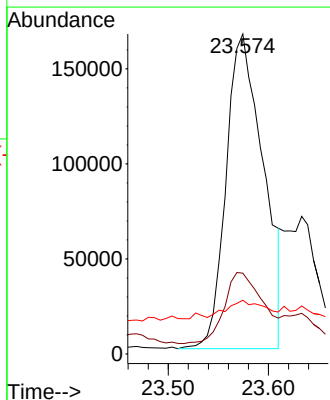
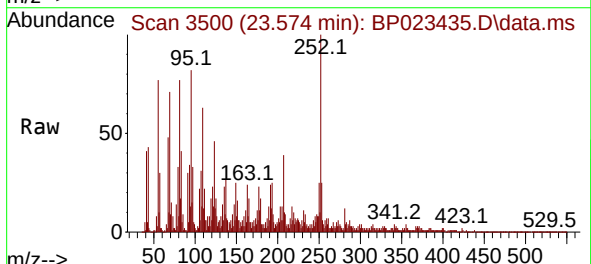
Manual Integrations
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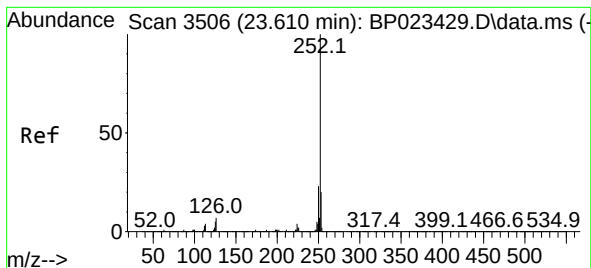
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024



#90
Benzo(b)fluoranthene
Concen: 7.160 ng/ul
RT: 23.574 min Scan# 3500
Delta R.T. 0.018 min
Lab File: BP023435.D
Acq: 16 Dec 2024 15:07

Tgt Ion:252 Resp: 427160
Ion Ratio Lower Upper
252 100
253 25.2 17.3 25.9
125 16.8 4.4 6.6





#91

Benzo(k)fluoranthene

Concen: 2.847 ng/ul m

RT: 23.633 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP023435.D

Acq: 16 Dec 2024 15:07

Instrument :

BNA_P

ClientSampleId :

E28T3

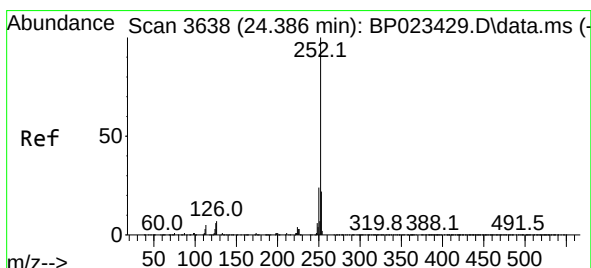
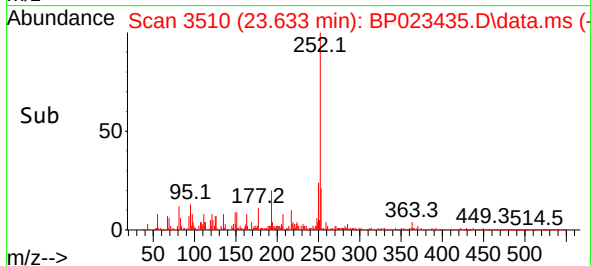
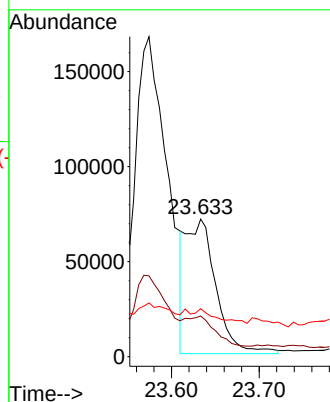
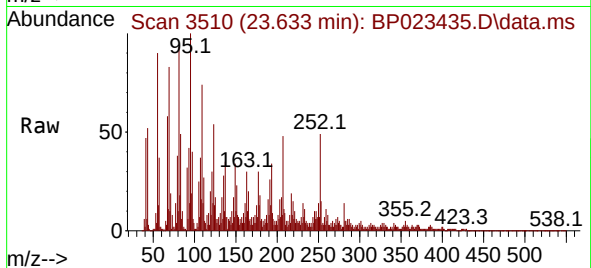
Tgt Ion:252 Resp: 168984
 Ion Ratio Lower Upper
 252 100
 253 29.5 17.5 26.3#
 125 34.8 4.3 6.5#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/19/2024



#93

Benzo(a)pyrene

Concen: 2.857 ng/ul

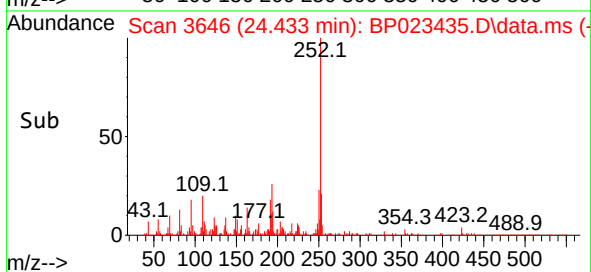
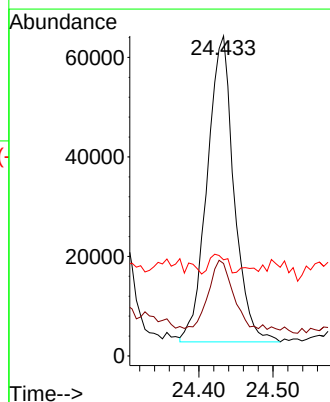
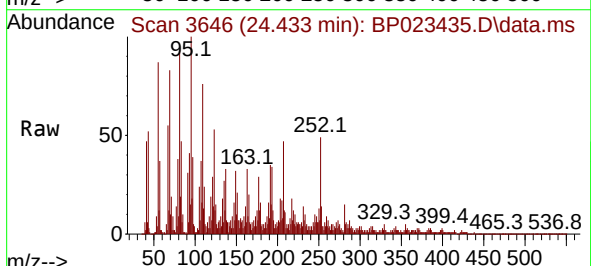
RT: 24.433 min Scan# 3646

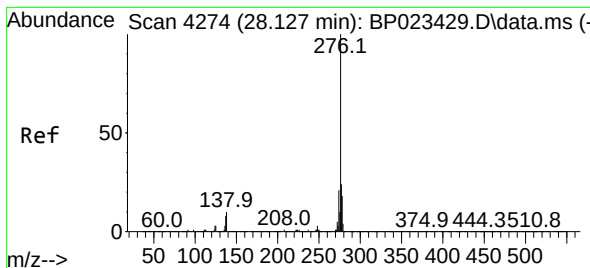
Delta R.T. 0.023 min

Lab File: BP023435.D

Acq: 16 Dec 2024 15:07

Tgt Ion:252 Resp: 154542
 Ion Ratio Lower Upper
 252 100
 253 28.9 17.4 26.0#
 125 30.0 5.0 7.4#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.611 ng/ul m

RT: 28.180 min Scan# 4283

Delta R.T. 0.035 min

Lab File: BP023435.D

Acq: 16 Dec 2024 15:07

Instrument :

BNA_P

ClientSampleId :

E28T3

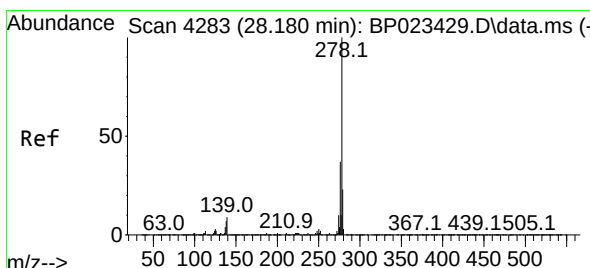
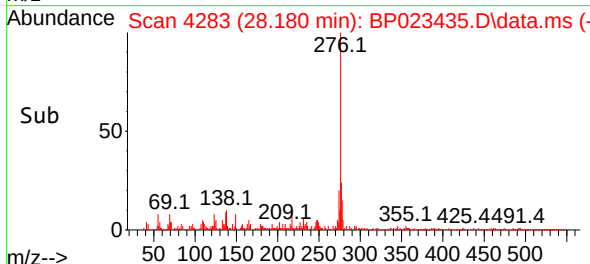
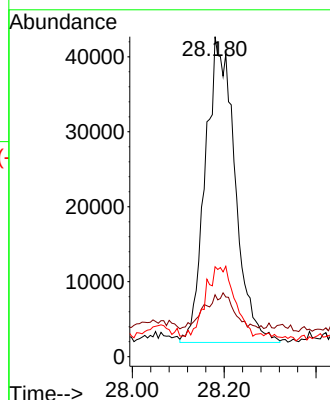
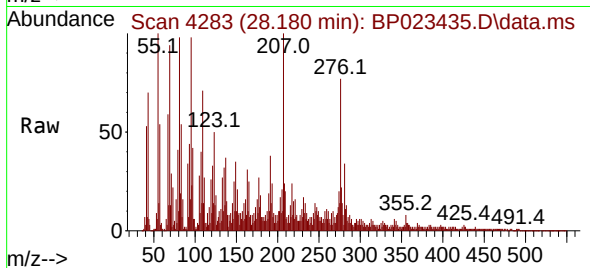
Tgt Ion:	276	Resp:	18152
Ion Ratio	Lower	Upper	
276	100		
138	19.3	7.8	11.6
277	28.1	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/19/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.172 ng/ul m

RT: 28.227 min Scan# 4291

Delta R.T. 0.012 min

Lab File: BP023435.D

Acq: 16 Dec 2024 15:07

Tgt Ion:	278	Resp:	65200
Ion Ratio	Lower	Upper	
278	100		
139	44.9	6.0	9.0#
279	47.0	19.2	28.8#

