

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
 Data File : BP023415.D
 Acq On : 13 Dec 2024 11:28
 Operator : RC/JU
 Sample : P5153-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28R3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 13 23:01:19 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	7.505	152	124279	20.000	ng/u1	-0.04
20) Naphthalene-d8	10.257	136	462499	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.140	164	360511	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.951	188	804994	20.000	ng/u1	0.00
79) Chrysene-d12	21.369	240	837602	20.000	ng/u1	-0.02
88) Perylene-d12	24.539	264	941282	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	11232	3.327	ng/uL	-0.02
4) Pyridine-d5	3.493	84	165822	19.103	ng/u1	-0.02
7) Phenol-d5	6.716	99	197738	20.278	ng/u1	-0.03
9) Bis-(2-Chloroethyl)eth...	6.858	67	126114	20.499	ng/u1	-0.04
11) 2-Chlorophenol-d4	7.058	132	145128	20.165	ng/u1	-0.03
15) 4-Methylphenol-d8	8.222	113	139801	17.763	ng/u1	-0.04
21) Nitrobenzene-d5	8.652	128	68773	19.913	ng/u1	-0.04
24) 2-Nitrophenol-d4	9.363	143	83450	20.965	ng/u1	-0.03
28) 2,4-Dichlorophenol-d3	9.905	165	170183	20.258	ng/u1	-0.03
31) 4-Chloroaniline-d4	10.422	131	69150m	7.348	ng/u1	-0.02
46) Dimethylphthalate-d6	13.540	166	533887	19.077	ng/u1	-0.02
49) Acenaphthylene-d8	13.822	160	566677	19.197	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.434	143	73115m	21.319	ng/u1	0.02
60) Fluorene-d10	15.163	176	472292	19.186	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	20512m	4.216	ng/u1	0.00
73) Anthracene-d10	17.045	188	774455	21.080	ng/u1	0.00
81) Pyrene-d10	19.433	212	900989	20.589	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.333	264	888581	17.634	ng/u1	-0.01
Target Compounds						Qvalue
8) Phenol	6.746	94	19884	1.959	ng/u1	94
30) Naphthalene	10.305	128	65537	2.707	ng/u1	97
36) 2-Methylnaphthalene	11.928	142	31097	1.732	ng/u1	97
72) Phenanthrene	16.992	178	156702	3.765	ng/u1	100
80) Fluoranthene	19.092	202	255750	5.100	ng/u1#	96
82) Pyrene	19.469	202	268595	5.048	ng/u1	99
85) Benzo(a)anthracene	21.357	228	226589	4.034	ng/u1	96
87) Chrysene	21.416	228	286987	5.332	ng/u1	95
90) Benzo(b)fluoranthene	23.545	252	531247	8.983	ng/u1#	96
91) Benzo(k)fluoranthene	23.604	252	157908m	2.684	ng/u1	
93) Benzo(a)pyrene	24.398	252	366957	6.843	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.139	276	337664m	4.900	ng/u1	
95) Dibenzo(a,h)anthracene	28.168	278	74824	1.357	ng/u1#	95
96) Benzo(g,h,i)perylene	29.256	276	367955m	6.974	ng/u1	

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

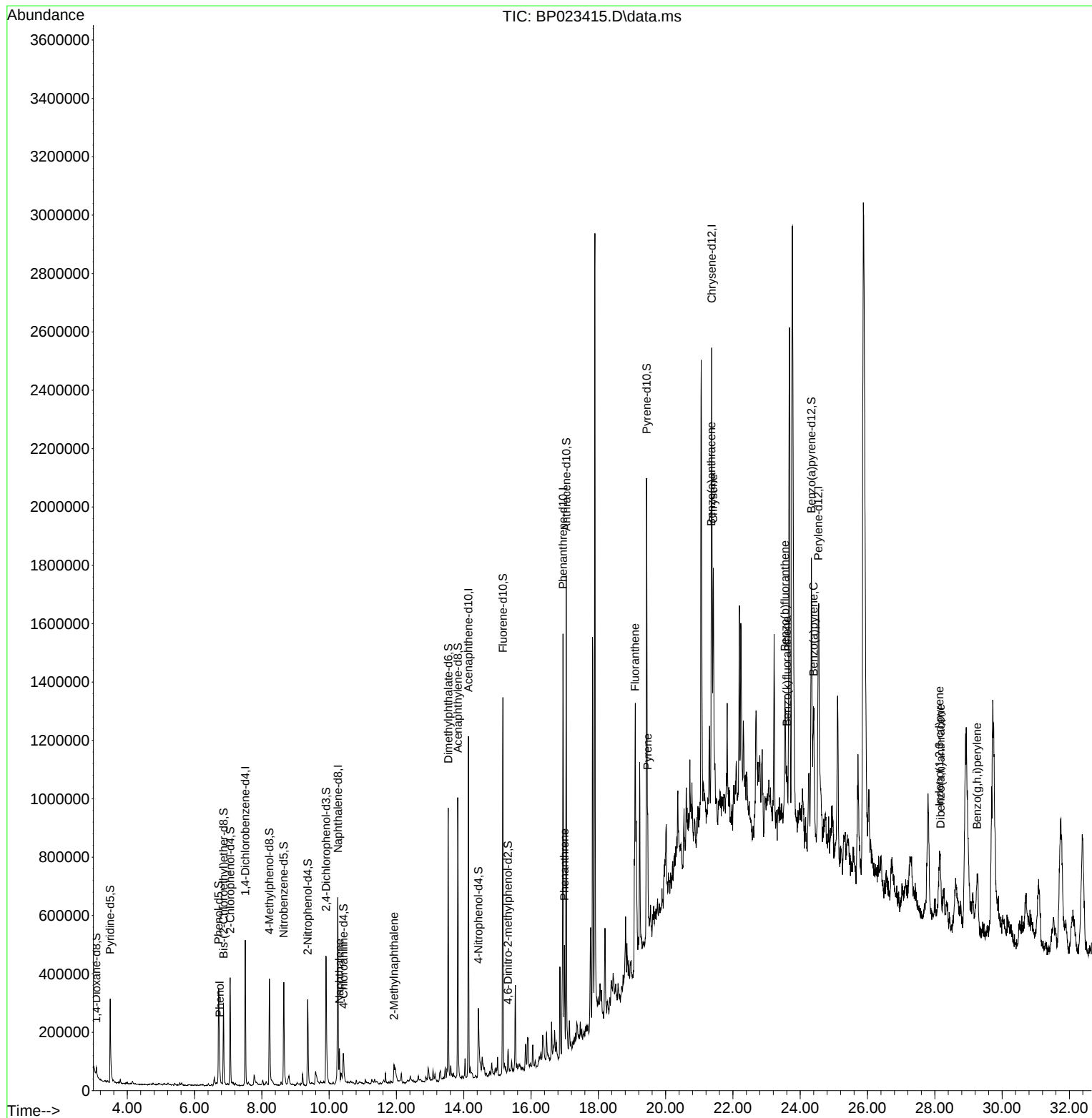
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
 Data File : BP023415.D
 Acq On : 13 Dec 2024 11:28
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 Sample : P5153-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

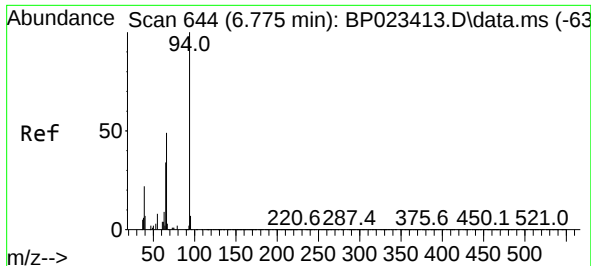
Instrument :
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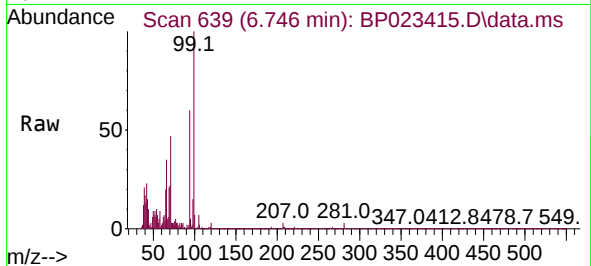
Quant Time: Dec 13 23:01:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
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#8
Phenol
Concen: 1.959 ng/ul
RT: 6.746 min Scan# 61
Delta R.T. -0.029 min
Lab File: BP023415.D
Acq: 13 Dec 2024 11:28

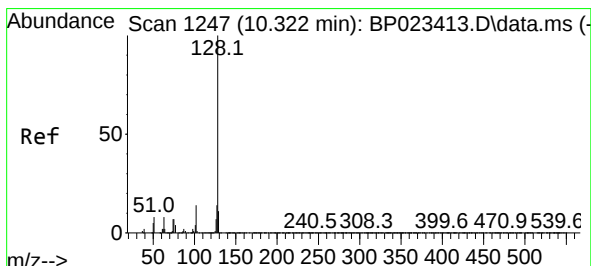
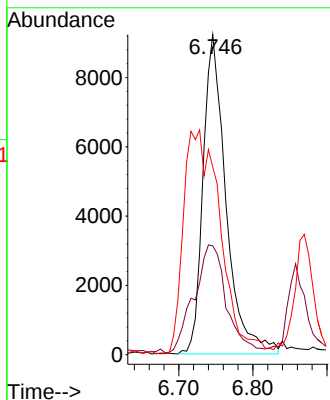
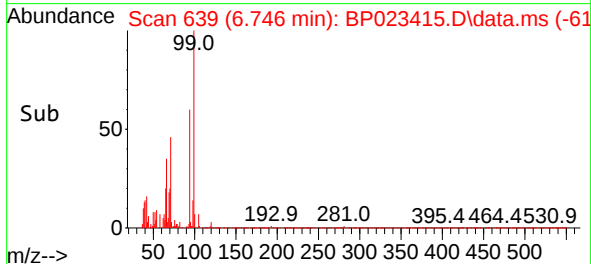
Instrument :
BNA_P
ClientSampleId :
E28R3



Tgt Ion: 94 Resp: 19884
Ion Ratio Lower Upper
94 100
65 34.0 28.0 42.0
66 58.6 42.0 63.0

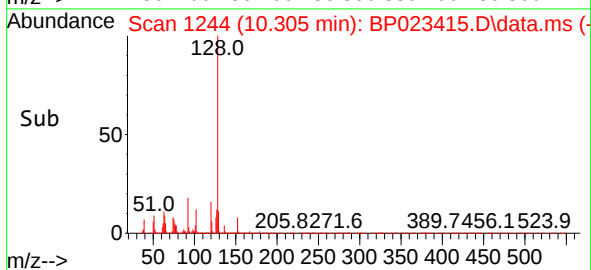
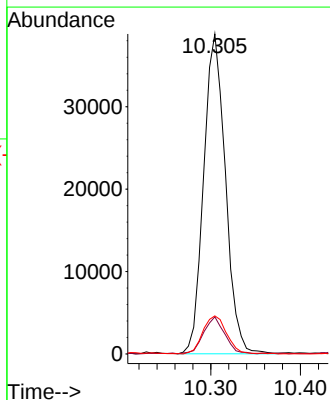
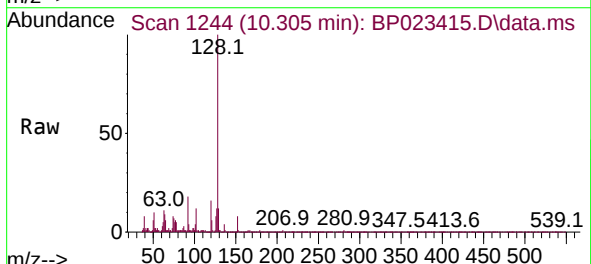
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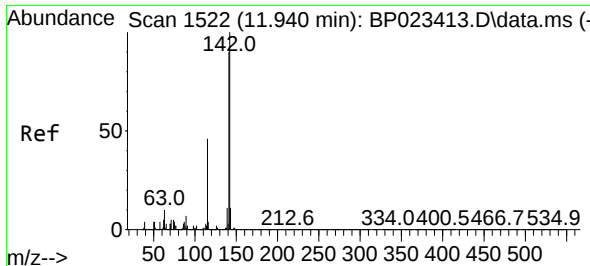
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#30
Naphthalene
Concen: 2.707 ng/ul
RT: 10.305 min Scan# 1244
Delta R.T. -0.024 min
Lab File: BP023415.D
Acq: 13 Dec 2024 11:28

Tgt Ion:128 Resp: 65537
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 11.9 10.5 15.7





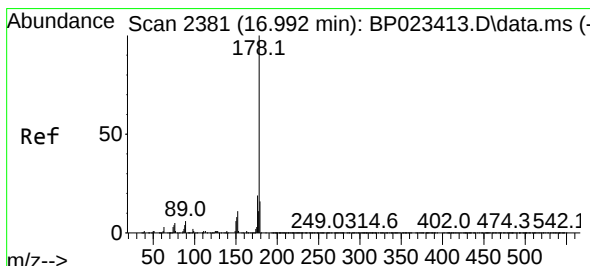
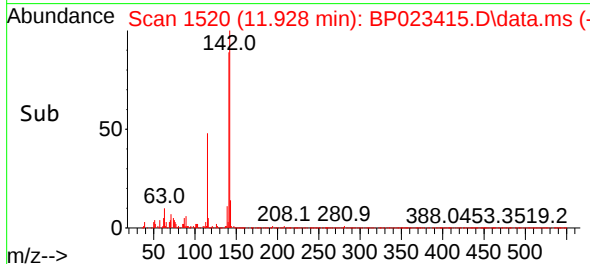
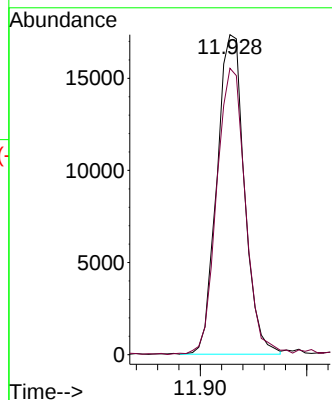
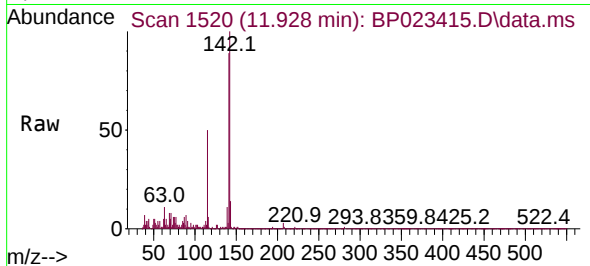
#36
2-Methylnaphthalene
Concen: 1.732 ng/ul
RT: 11.928 min Scan# 1520
Delta R.T. -0.018 min
Lab File: BP023415.D
Acq: 13 Dec 2024 11:28

Instrument :
BNA_P
ClientSampleId :
E28R3

Tgt Ion:142 Resp: 3109
Ion Ratio Lower Upper
142 100
141 89.5 69.0 103.6

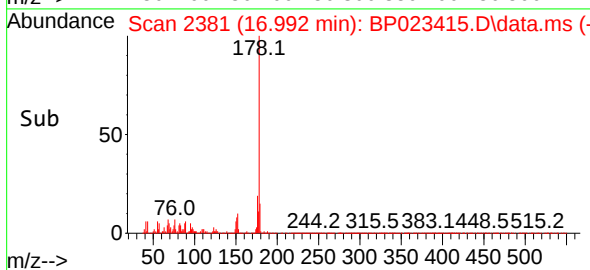
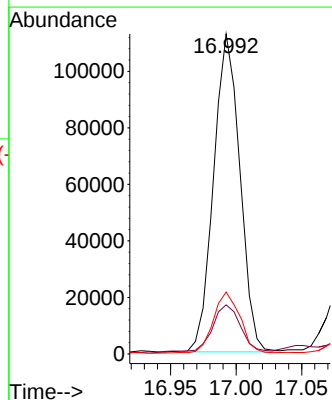
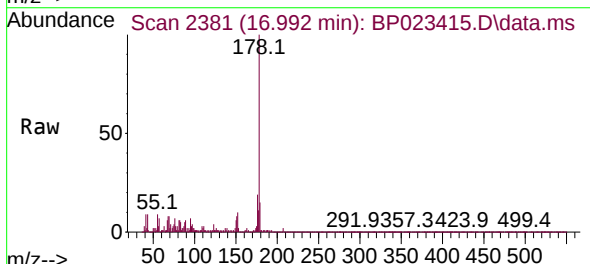
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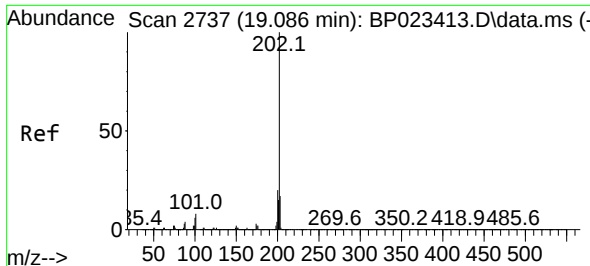
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#72
Phenanthrene
Concen: 3.765 ng/ul
RT: 16.992 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP023415.D
Acq: 13 Dec 2024 11:28

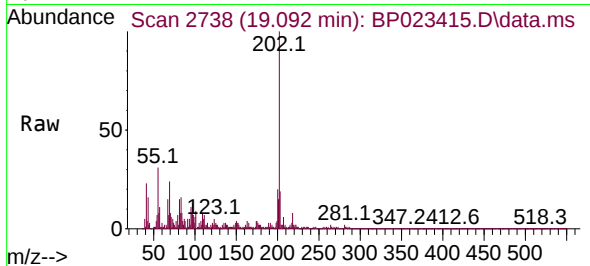
Tgt Ion:178 Resp: 156702
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 19.4 15.4 23.0





#80
Fluoranthene
Concen: 5.100 ng/u1
RT: 19.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP023415.D
Acq: 13 Dec 2024 11:28

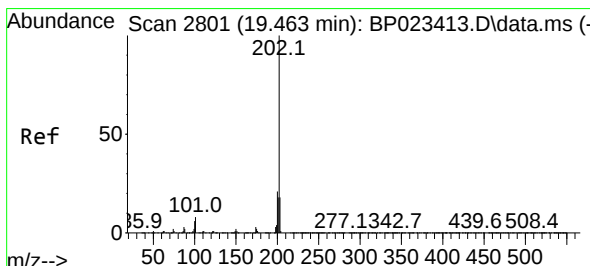
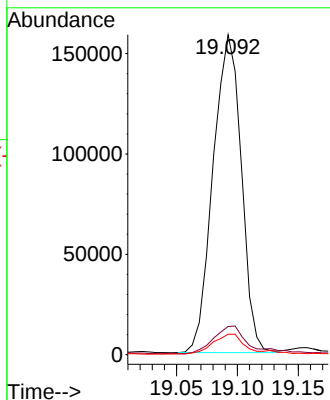
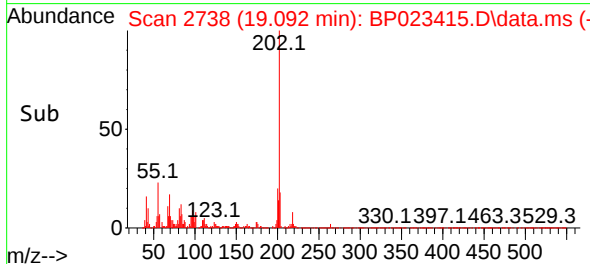
Instrument :
BNA_P
ClientSampleId :
E28R3



Tgt Ion:202 Resp: 255750
Ion Ratio Lower Upper
202 100
101 8.8 5.6 8.4
100 6.4 4.6 7.0

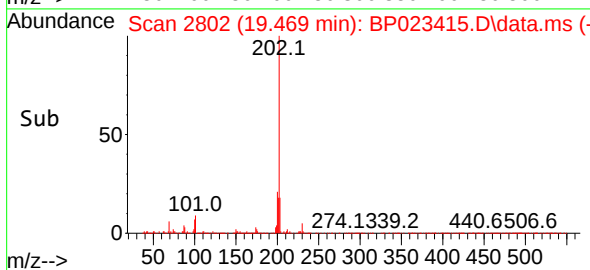
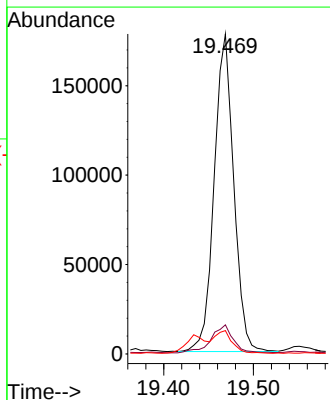
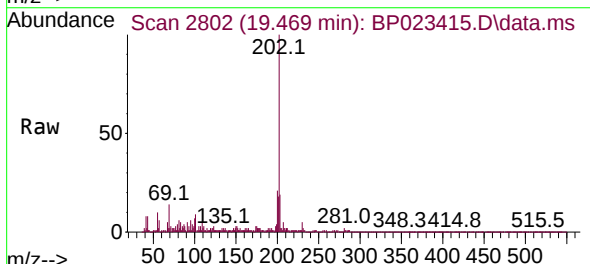
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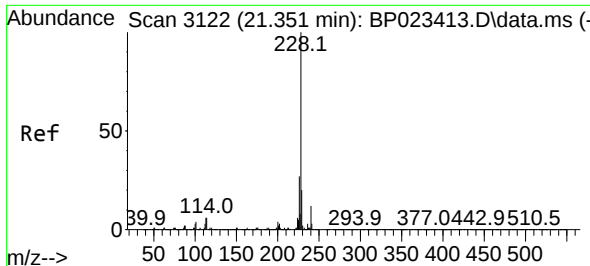
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#82
Pyrene
Concen: 5.048 ng/u1
RT: 19.469 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BP023415.D
Acq: 13 Dec 2024 11:28

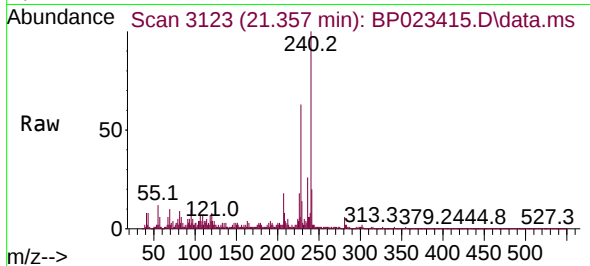
Tgt Ion:202 Resp: 268595
Ion Ratio Lower Upper
202 100
101 9.1 6.7 10.1
100 7.3 5.8 8.8





#85
Benzo(a)anthracene
Concen: 4.034 ng/u1
RT: 21.357 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP023415.D
Acq: 13 Dec 2024 11:28

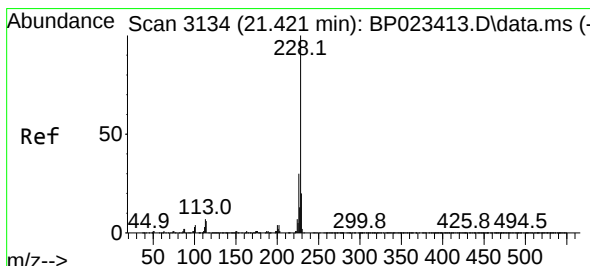
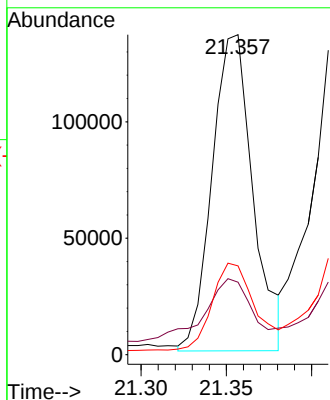
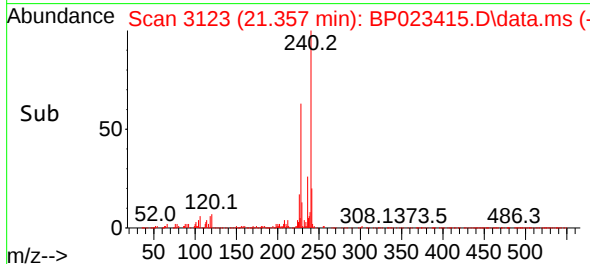
Instrument :
BNA_P
ClientSampleId :
E28R3



Tgt Ion:228 Resp: 226589
Ion Ratio Lower Upper
228 100
229 22.7 15.7 23.5
226 27.7 21.6 32.4

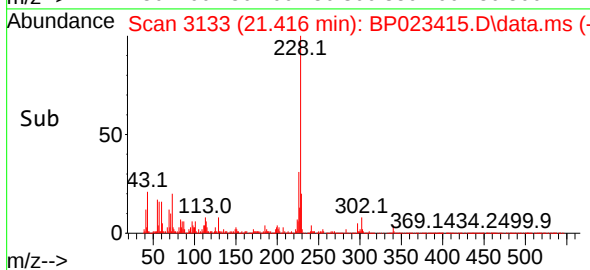
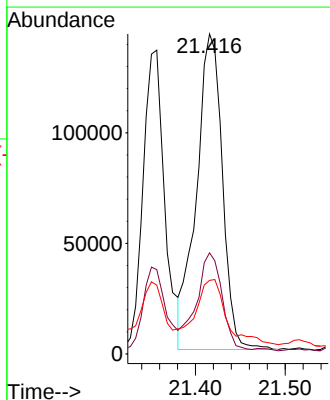
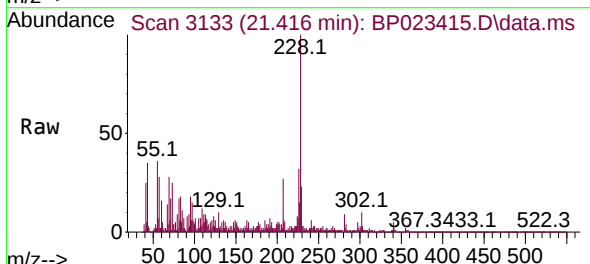
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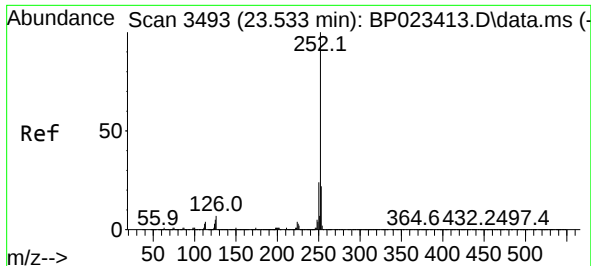
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#87
Chrysene
Concen: 5.332 ng/u1
RT: 21.416 min Scan# 3133
Delta R.T. -0.024 min
Lab File: BP023415.D
Acq: 13 Dec 2024 11:28

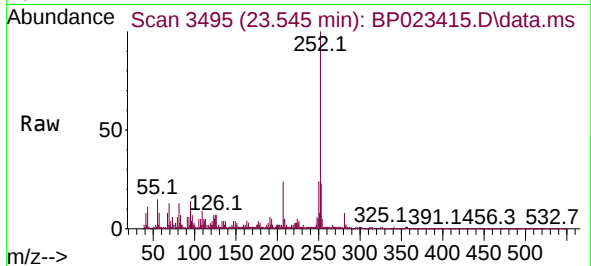
Tgt Ion:228 Resp: 286987
Ion Ratio Lower Upper
228 100
226 31.6 24.2 36.2
229 23.0 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 8.983 ng/ul
RT: 23.545 min Scan# 3495
Delta R.T. -0.012 min
Lab File: BP023415.D
Acq: 13 Dec 2024 11:28

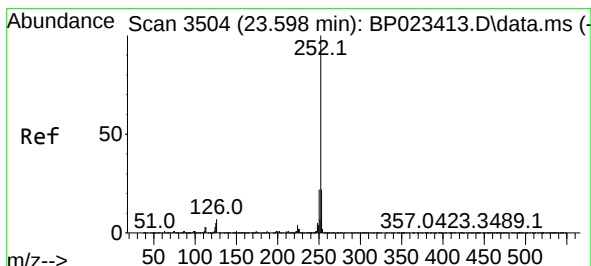
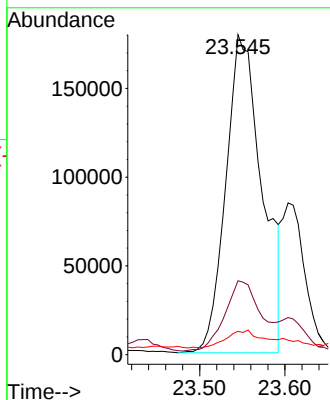
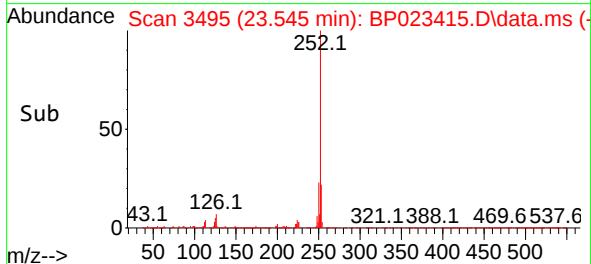
Instrument :
BNA_P
ClientSampleId :
E28R3



Tgt Ion:252 Resp: 53124
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 7.3 4.4 6.6

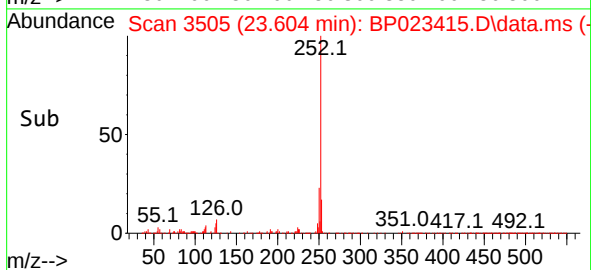
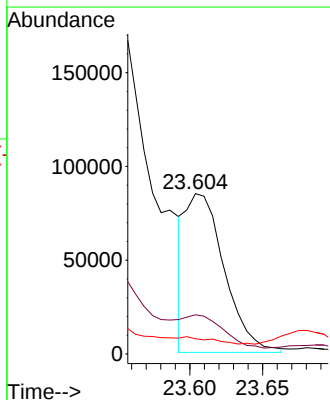
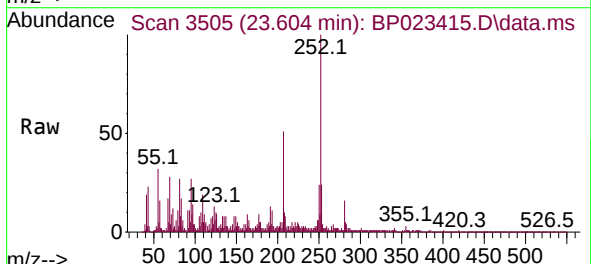
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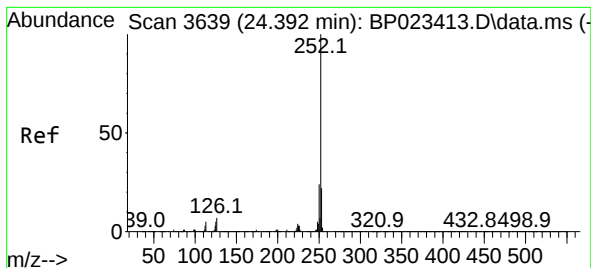
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#91
Benzo(k)fluoranthene
Concen: 2.684 ng/ul m
RT: 23.604 min Scan# 3505
Delta R.T. -0.018 min
Lab File: BP023415.D
Acq: 13 Dec 2024 11:28

Tgt Ion:252 Resp: 157908
Ion Ratio Lower Upper
252 100
253 24.5 17.5 26.3
125 9.5 4.3 6.5





#93

Benzo(a)pyrene

Concen: 6.843 ng/ul

RT: 24.398 min Scan# 30

Delta R.T. -0.012 min

Lab File: BP023415.D

Acq: 13 Dec 2024 11:28

Instrument :

BNA_P

ClientSampleId :

E28R3

Tgt Ion:252 Resp: 36695

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

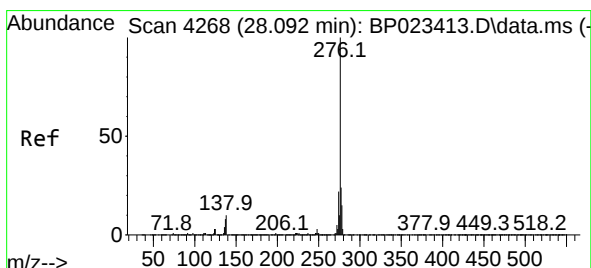
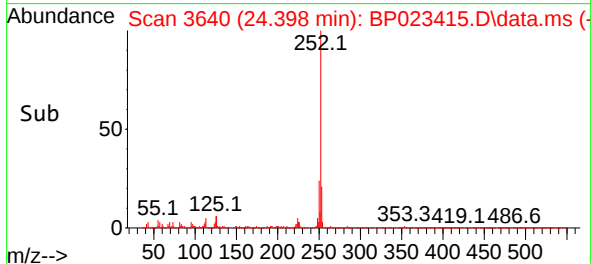
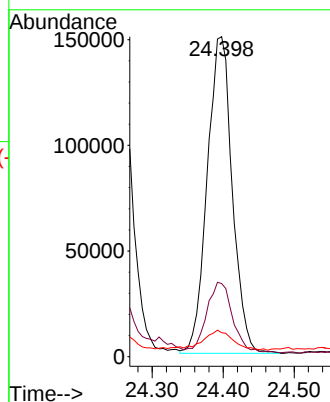
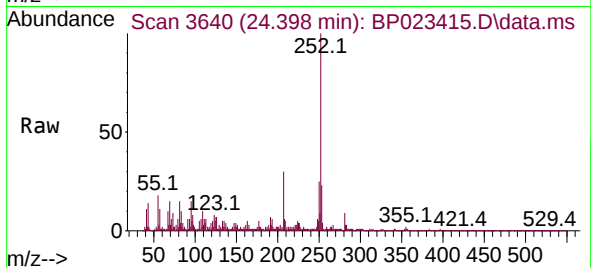
125 7.5 5.0 7.4

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.900 ng/ul m

RT: 28.139 min Scan# 4276

Delta R.T. -0.006 min

Lab File: BP023415.D

Acq: 13 Dec 2024 11:28

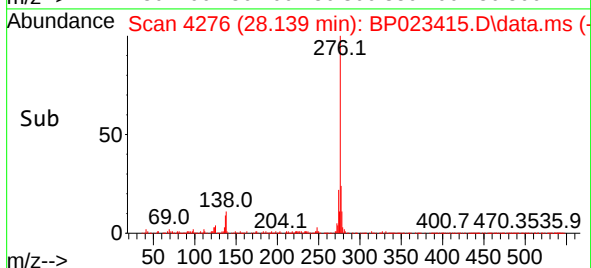
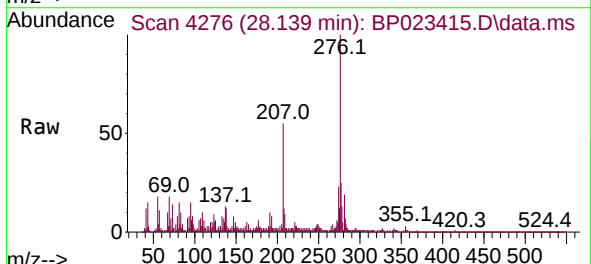
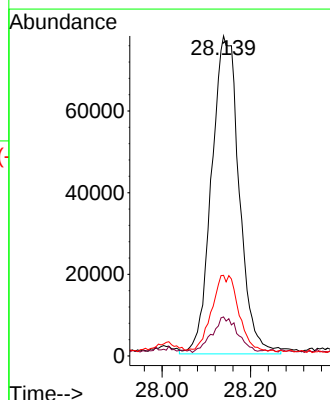
Tgt Ion:276 Resp: 337664

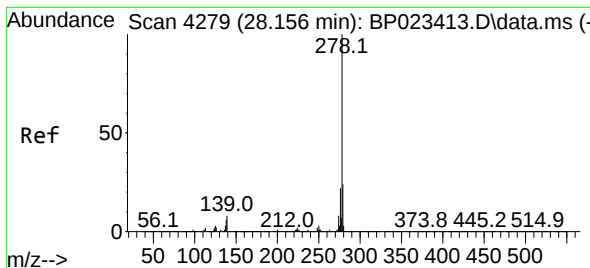
Ion Ratio Lower Upper

276 100

138 12.2 7.8 11.6#

277 25.2 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 1.357 ng/ul

RT: 28.168 min Scan# 41

Delta R.T. -0.047 min

Lab File: BP023415.D

Acq: 13 Dec 2024 11:28

Instrument :

BNA_P

ClientSampleId :

E28R3

Tgt Ion:278 Resp: 74824

Ion Ratio Lower Upper

278 100

139 12.2 6.0 9.0

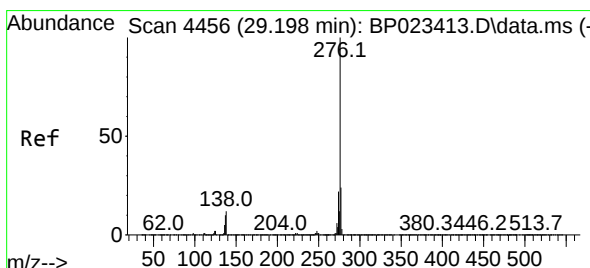
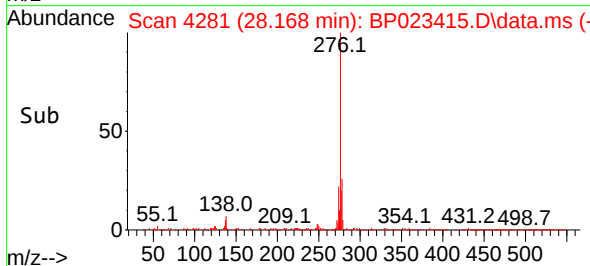
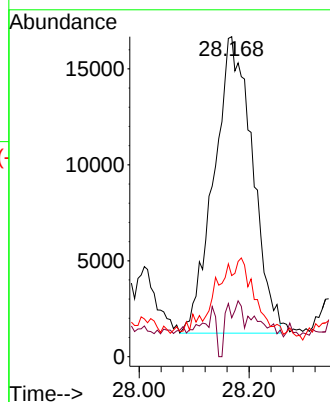
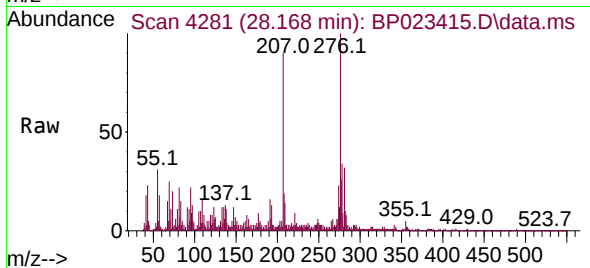
279 25.4 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#96

Benzo(g,h,i)perylene

Concen: 6.974 ng/ul m

RT: 29.256 min Scan# 4466

Delta R.T. 0.006 min

Lab File: BP023415.D

Acq: 13 Dec 2024 11:28

Tgt Ion:276 Resp: 367955

Ion Ratio Lower Upper

276 100

138 11.9 8.5 12.7

277 24.7 18.9 28.3

