

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
 Data File : BP016754.D
 Acq On : 25 Aug 2023 20:02
 Operator : MA/JU
 Sample : 04037-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYE3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 25 23:27:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:47:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	337977	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	1464467	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	896839	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1944947	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1650079	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1469089	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	45751	5.595	ng/uL	0.00
4) Pyridine-d5	3.834	84	18147m	0.726	ng/ul	0.01
7) Phenol-d5	7.175	99	186199	6.196	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	440263	22.985	ng/ul	0.00
11) 2-Chlorophenol-d4	7.558	132	53035	2.347	ng/ul	0.00
15) 4-Methylphenol-d8	8.740	113	224794	9.163	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	251622	22.724	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	15582	1.335	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	31815	1.462	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	584749	17.524	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	1574535	23.280	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1865074	24.394	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	1763m	0.126	ng/ul	0.01
60) Fluorene-d10	15.681	176	1429751	25.103	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	605	0.052	ng/ul	0.00
73) Anthracene-d10	17.557	188	2080151	24.129	ng/ul	0.00
81) Pyrene-d10	19.792	212	2521066	27.819	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1855536	25.215	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.887	105	60535	1.591	ng/ul	98
72) Phenanthrene	17.498	178	1881988	18.380	ng/ul	100
80) Fluoranthene	19.463	202	2742600	25.193	ng/ul	98
82) Pyrene	19.822	202	1976139	17.573	ng/ul	98
85) Benzo(a)anthracene	21.539	228	829969	7.302	ng/ul	99
87) Chrysene	21.592	228	1058998	10.257	ng/ul	98
90) Benzo(b)fluoranthene	23.327	252	1088943	11.608	ng/ul	98
91) Benzo(k)fluoranthene	23.374	252	343777	3.705	ng/ul	98
93) Benzo(a)pyrene	24.010	252	467002	5.504	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.857	276	416207	4.800	ng/ul	97
95) Dibenzo(a,h)anthracene	26.874	278	104022	1.444	ng/ul#	89
96) Benzo(g,h,i)perylene	27.715	276	394136	5.996	ng/ul	98

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

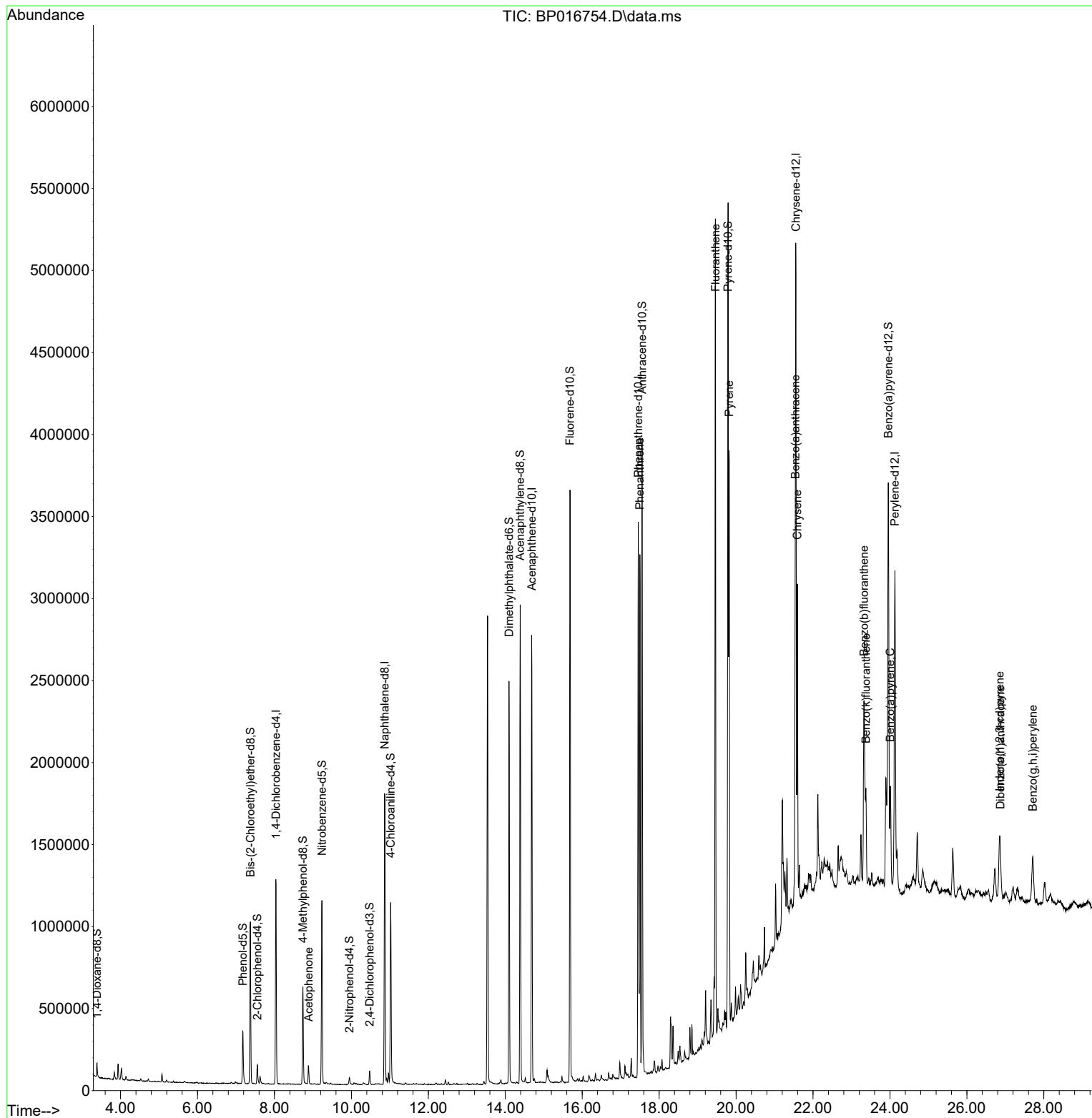
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
Data File : BP016754.D
Acq On : 25 Aug 2023 20:02
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Sample : 04037-07
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ALS Vial : 16 Sample Multiplier: 1

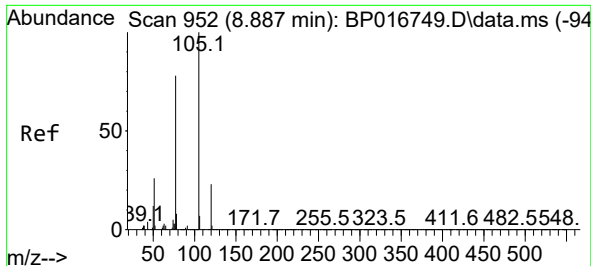
Instrument :
BNA_P
ClientSampleId :
EZY3

Quant Time: Aug 25 23:27:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
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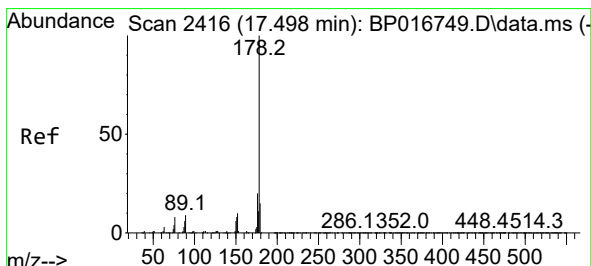
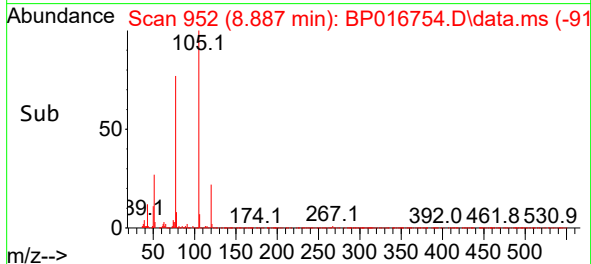
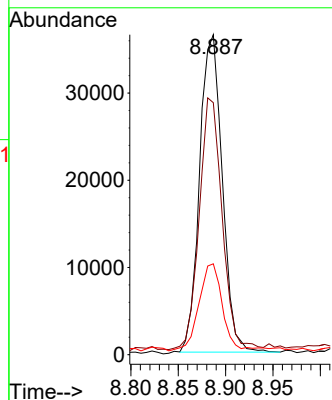
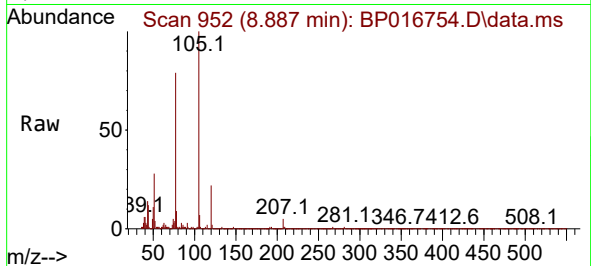
#16
Acetophenone
Concen: 1.591 ng/ul
RT: 8.887 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016754.D
Acq: 25 Aug 2023 20:02

Instrument :
BNA_P
ClientSampleId :
EZY3

Tgt Ion:105 Resp: 6053
Ion Ratio Lower Upper
105 100
77 78.8 64.2 96.4
51 28.4 22.2 33.4

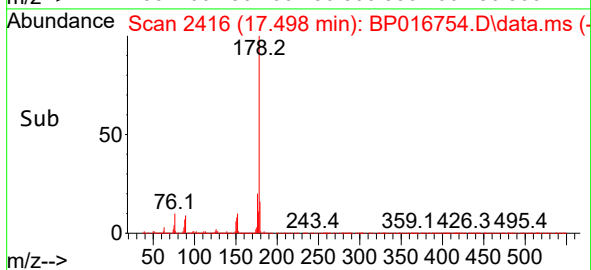
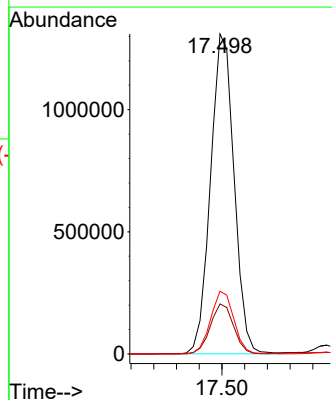
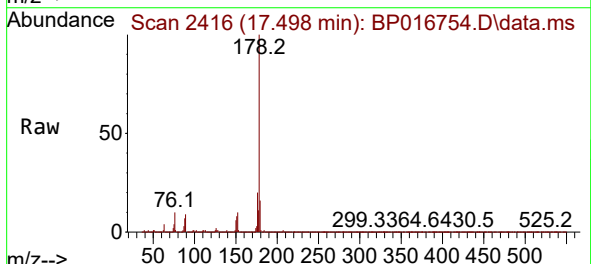
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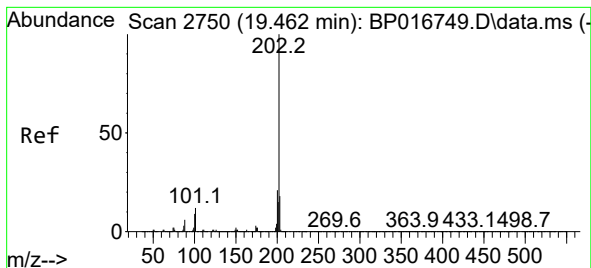
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#72
Phenanthrene
Concen: 18.380 ng/ul
RT: 17.498 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP016754.D
Acq: 25 Aug 2023 20:02

Tgt Ion:178 Resp: 1881988
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.6 15.6 23.4





#80

Fluoranthene

Concen: 25.193 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016754.D

Acq: 25 Aug 2023 20:02

Instrument :

BNA_P

ClientSampleId :

EZY3

Tgt Ion:202 Resp: 2742600

Ion Ratio Lower Upper

202 100

101 11.3 9.7 14.5

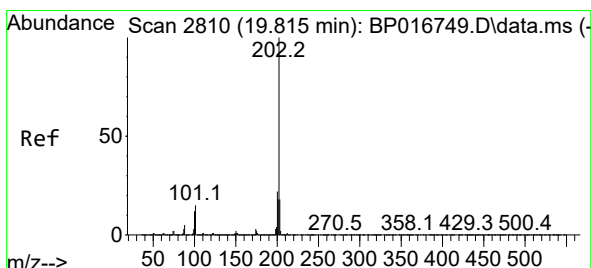
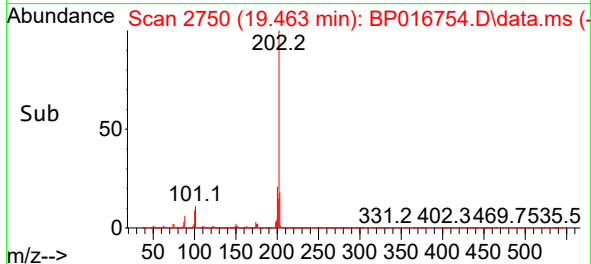
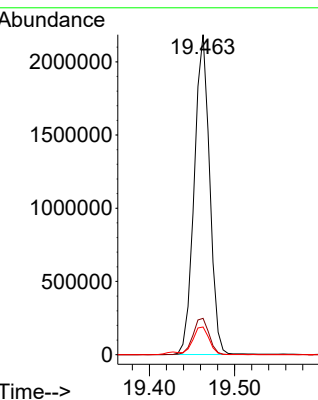
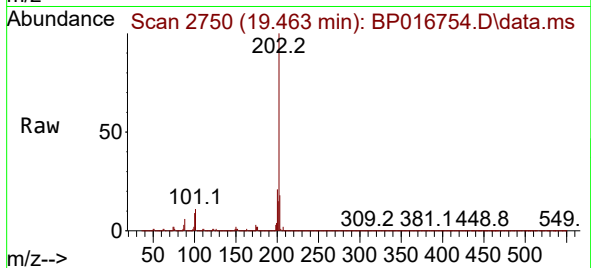
100 8.7 7.4 11.2

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#82

Pyrene

Concen: 17.573 ng/ul

RT: 19.822 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BP016754.D

Acq: 25 Aug 2023 20:02

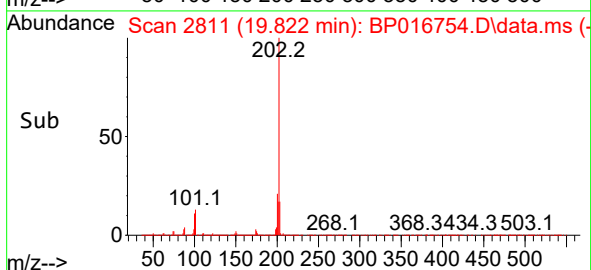
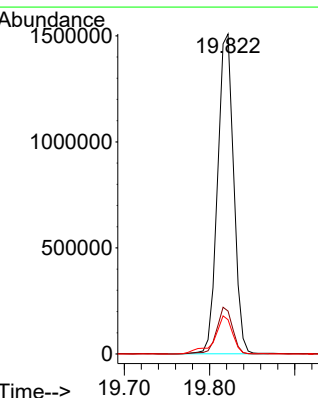
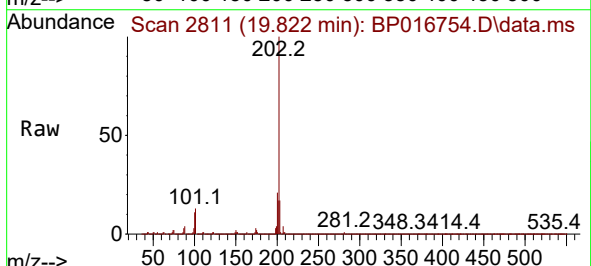
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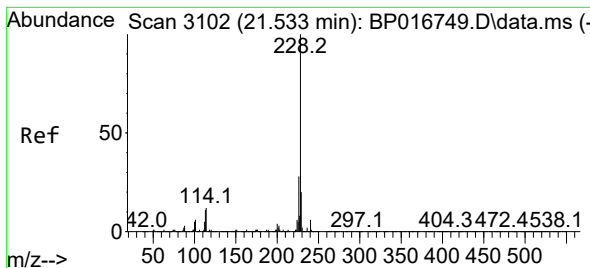
Ion Ratio Lower Upper

202 100

101 13.4 11.4 17.2

100 10.7 9.4 14.2





#85

Benzo(a)anthracene

Concen: 7.302 ng/ul

RT: 21.539 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BP016754.D

Acq: 25 Aug 2023 20:02

Instrument :

BNA_P

ClientSampleId :

EZY3

Tgt Ion:228 Resp: 829969

Ion Ratio Lower Upper

228 100

229 20.8 16.2 24.4

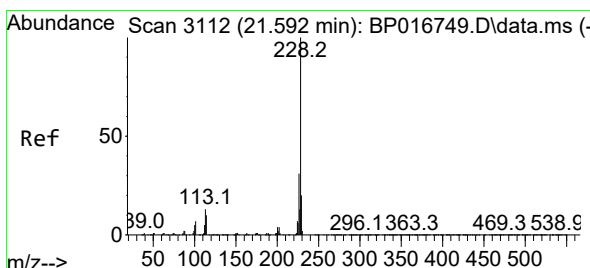
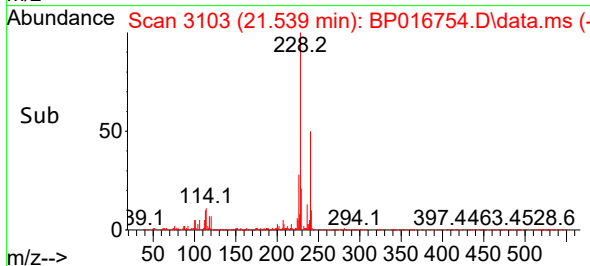
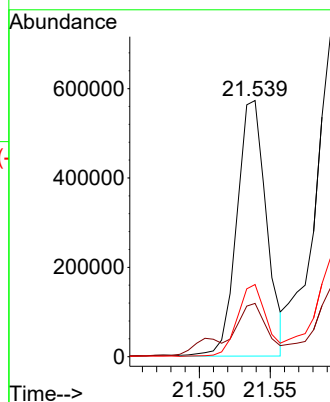
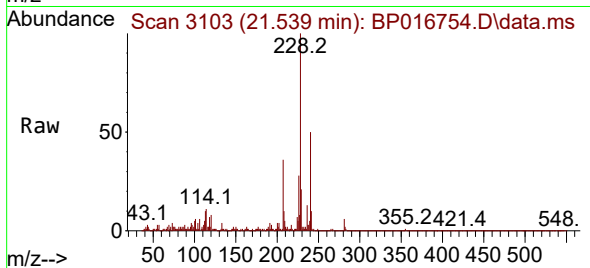
226 28.2 22.9 34.3

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Supervised By :mohammad ahmed 08/26/2023



#87

Chrysene

Concen: 10.257 ng/ul

RT: 21.592 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP016754.D

Acq: 25 Aug 2023 20:02

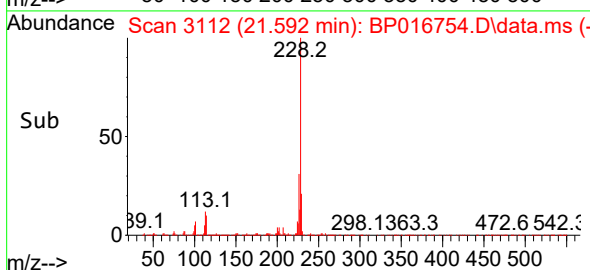
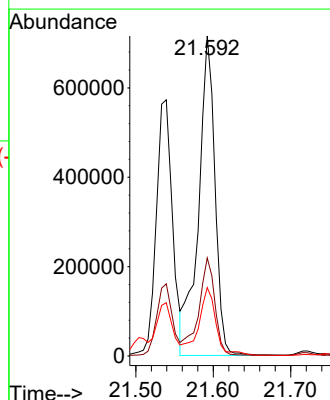
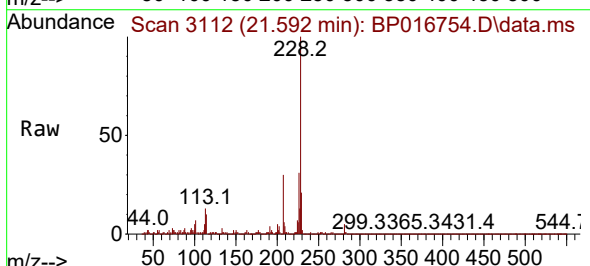
Tgt Ion:228 Resp: 1058998

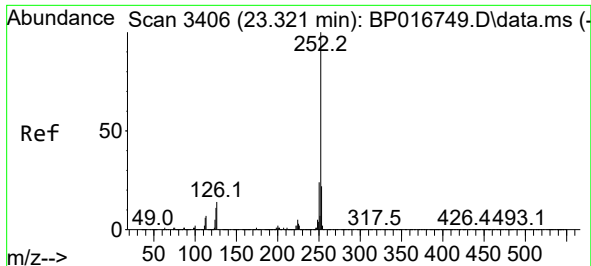
Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.4

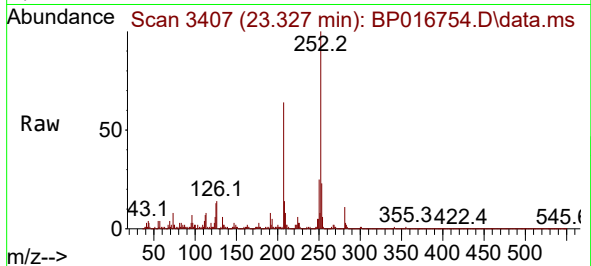
229 21.3 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 11.608 ng/ul
RT: 23.327 min Scan# 3406
Delta R.T. 0.000 min
Lab File: BP016754.D
Acq: 25 Aug 2023 20:02

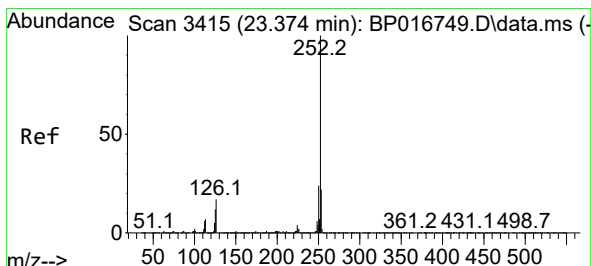
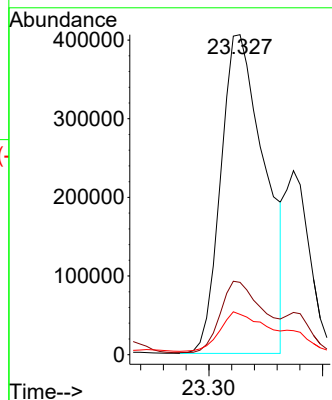
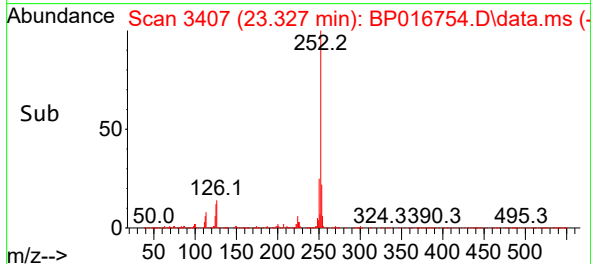
Instrument :
BNA_P
ClientSampleId :
EZY3



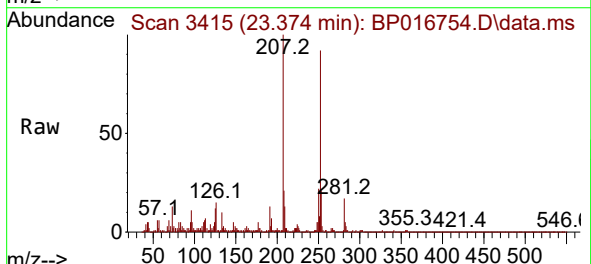
Tgt Ion:252 Resp: 108894
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 12.6 9.0 13.4

Manual Integrations
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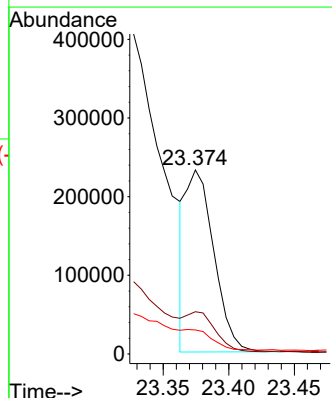
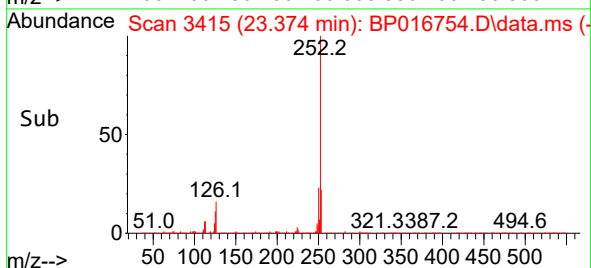
Reviewed By :Yogesh Patel 08/26/2023
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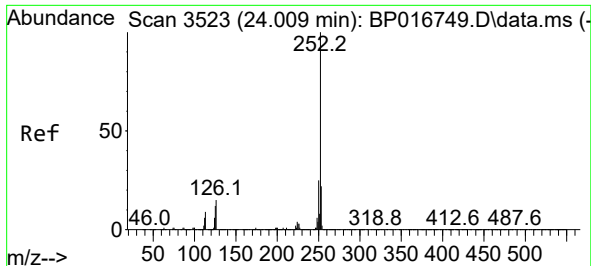


#91
Benzo(k)fluoranthene
Concen: 3.705 ng/ul
RT: 23.374 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BP016754.D
Acq: 25 Aug 2023 20:02



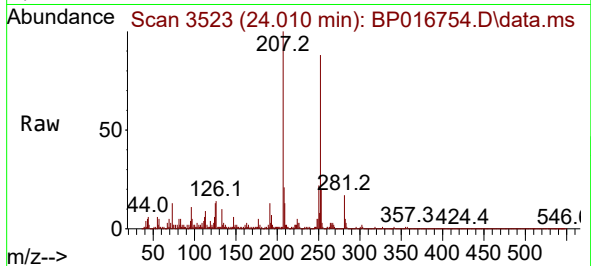
Tgt Ion:252 Resp: 343777
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 13.0 8.9 13.3





#93
Benzo(a)pyrene
Concen: 5.504 ng/ul
RT: 24.010 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP016754.D
Acq: 25 Aug 2023 20:02

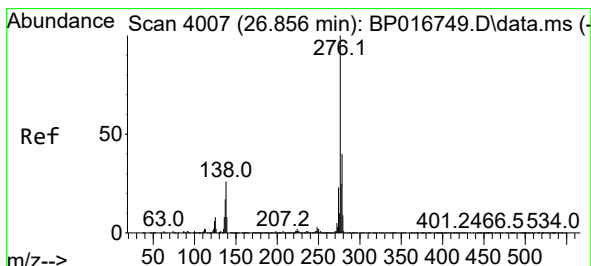
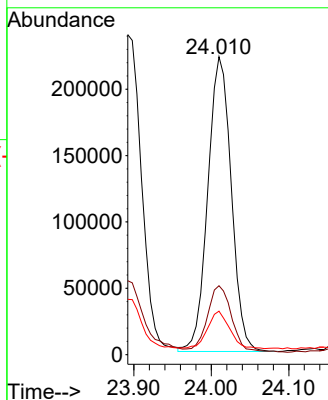
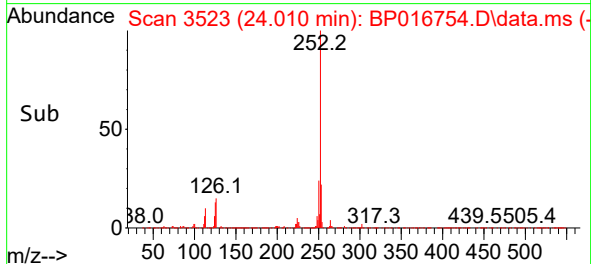
Instrument :
BNA_P
ClientSampleId :
EZY3



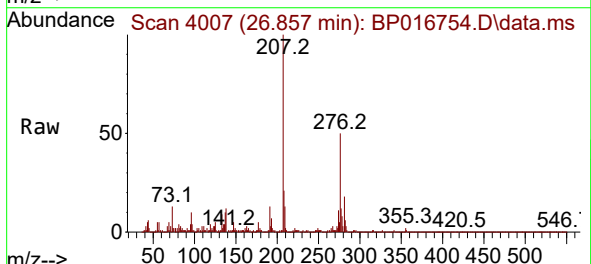
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Ion Ratio Lower Upper
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253 23.1 17.8 26.8
125 14.6 9.9 14.9

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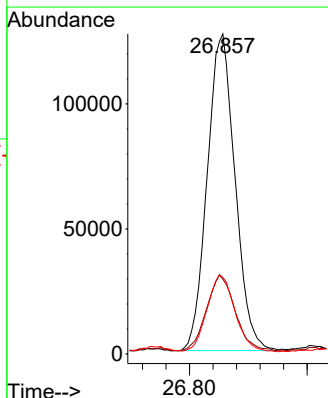
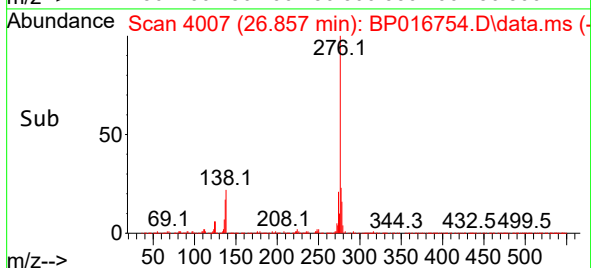
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

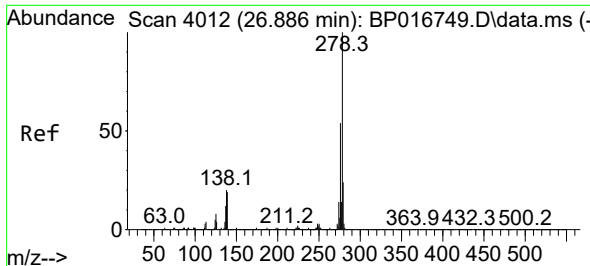


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.800 ng/ul
RT: 26.857 min Scan# 4007
Delta R.T. -0.018 min
Lab File: BP016754.D
Acq: 25 Aug 2023 20:02



Tgt Ion:276 Resp: 416207
Ion Ratio Lower Upper
276 100
138 23.4 20.9 31.3
277 23.9 19.8 29.6





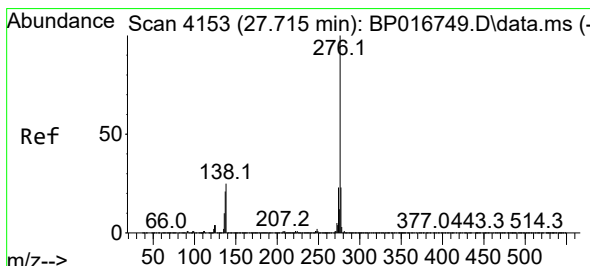
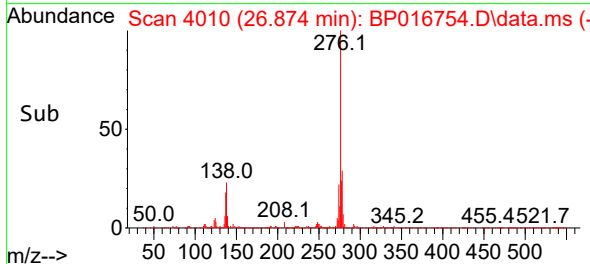
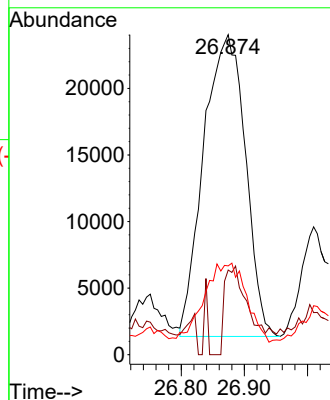
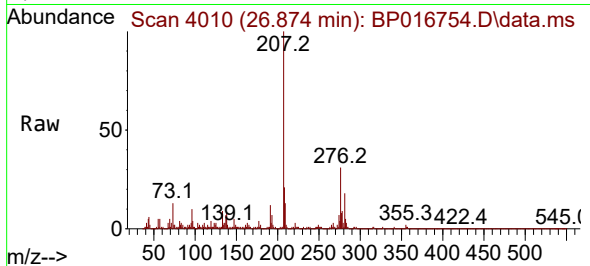
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Dibenzo(a,h)anthracene
Concen: 1.444 ng/ul
RT: 26.874 min Scan# 4012
Delta R.T. -0.024 min
Lab File: BP016754.D
Acq: 25 Aug 2023 20:02

Instrument :
BNA_P
ClientSampleId :
EZY3

Tgt Ion:278 Resp: 10402
Ion Ratio Lower Upper
278 100
139 26.4 15.0 22.6
279 27.8 19.4 29.2

Manual Integrations
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Supervised By :mohammad ahmed 08/26/2023



#96
Benzo(g,h,i)perylene
Concen: 5.996 ng/ul
RT: 27.715 min Scan# 4153
Delta R.T. -0.012 min
Lab File: BP016754.D
Acq: 25 Aug 2023 20:02

Tgt Ion:276 Resp: 394136
Ion Ratio Lower Upper
276 100
138 23.3 20.2 30.4
277 23.9 19.3 28.9

