

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018016.D
 Acq On : 10 Nov 2023 07:25
 Operator : MA/JU
 Sample : 05091-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK11

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 08:00:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	79756	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	322327m	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	200539	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	443703	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	404631	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	446356	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	5633	2.418	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.034	99	101192	13.501	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	66539	14.655	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	84665	14.118	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	47566	7.912	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	42425	14.698	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	46142	14.363	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	79855	13.876	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	47896	6.073	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	288449	15.647	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	306734	15.520	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	18405	6.817	ng/u1	0.02
60) Fluorene-d10	15.540	176	246920	16.160	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	22486	7.258	ng/u1	0.00
73) Anthracene-d10	17.416	188	391018	16.447	ng/u1	0.00
81) Pyrene-d10	19.669	212	477785	18.347	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	430424	16.590	ng/u1	-0.01
Target Compounds					Qvalue	
50) Acenaphthylene	14.269	152	60095	2.655	ng/u1	98
52) Acenaphthene	14.604	153	21480	1.428	ng/u1	99
61) Fluorene	15.598	166	23501	1.342	ng/u1#	97
72) Phenanthrene	17.357	178	172717	6.254	ng/u1	98
74) Anthracene	17.451	178	118011	4.226	ng/u1	99
80) Fluoranthene	19.339	202	577154	19.148	ng/u1	100
82) Pyrene	19.698	202	612413	19.224	ng/u1	99
85) Benzo(a)anthracene	21.427	228	366934	11.280	ng/u1	99
87) Chrysene	21.480	228	636283m	20.767	ng/u1	
90) Benzo(b)fluoranthene	23.174	252	1193229	37.196	ng/u1	98
91) Benzo(k)fluoranthene	23.221	252	351240	10.970	ng/u1	98
93) Benzo(a)pyrene	23.839	252	367734	12.161	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.615	276	386665	10.789	ng/u1	98
95) Dibenzo(a,h)anthracene	26.633	278	121103	4.087	ng/u1	99
96) Benzo(g,h,i)perylene	27.451	276	355055	12.414	ng/u1	99

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

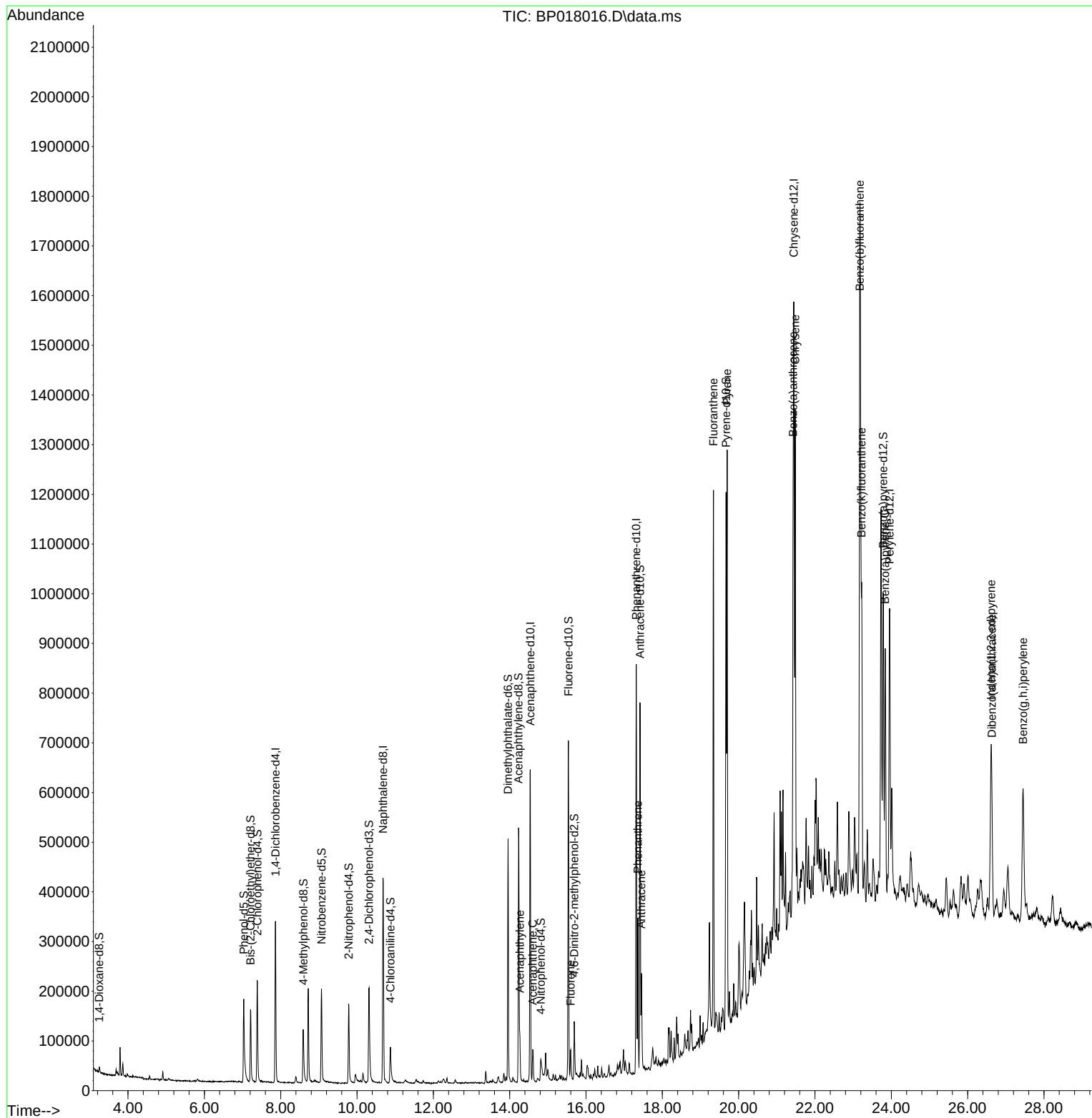
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018016.D
Acq On : 10 Nov 2023 07:25
Operator : MA/JU
Sample : 05091-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

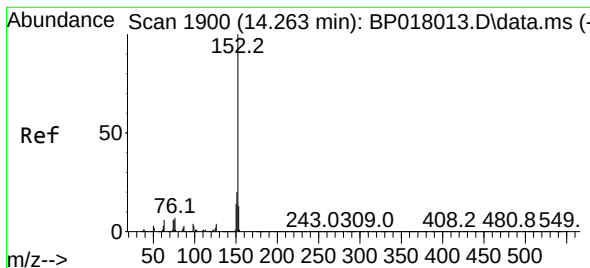
Instrument :
BNA_P
ClientSampleId :
DCK11

Quant Time: Nov 10 08:00:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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#50

Acenaphthylene

Concen: 2.655 ng/ul

RT: 14.269 min Scan# 1900

Delta R.T. 0.000 min

Lab File: BP018016.D

Acq: 10 Nov 2023 07:25

Instrument :

BNA_P

ClientSampleId :

DCK11

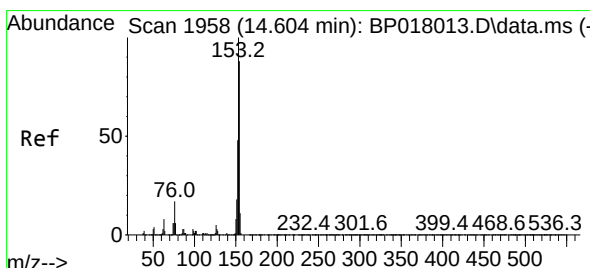
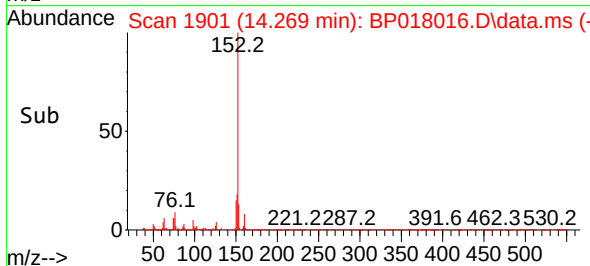
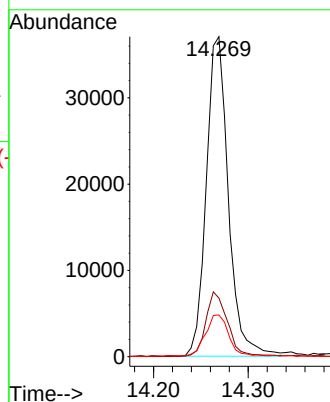
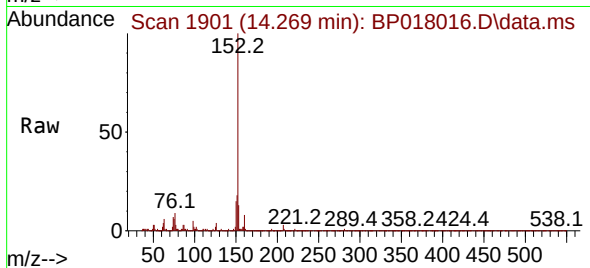
Tgt Ion:	152	Resp:	6009
Ion Ratio	Lower	Upper	
152	100		
151	18.3	15.5	23.3
153	13.1	10.3	15.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/15/2023



#52

Acenaphthene

Concen: 1.428 ng/ul

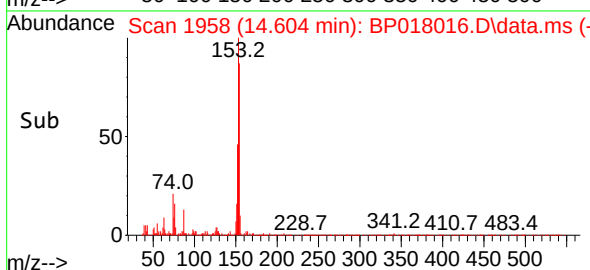
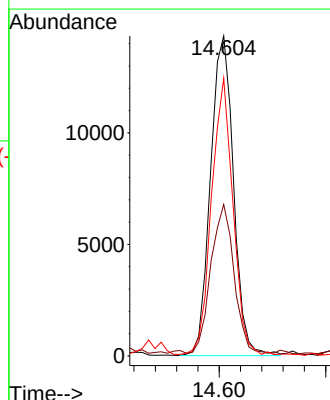
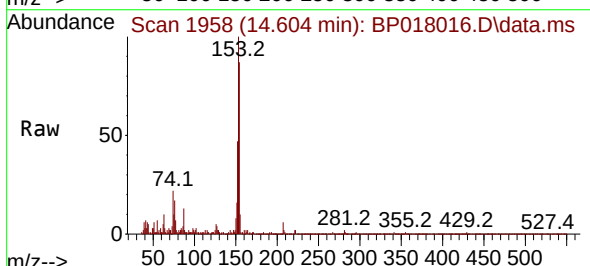
RT: 14.604 min Scan# 1958

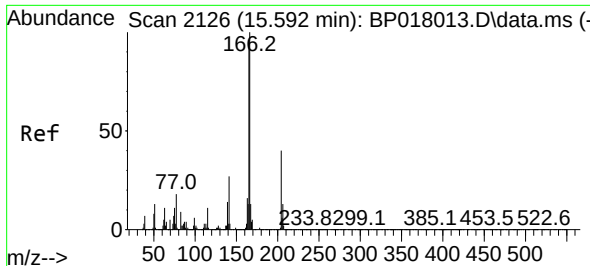
Delta R.T. -0.006 min

Lab File: BP018016.D

Acq: 10 Nov 2023 07:25

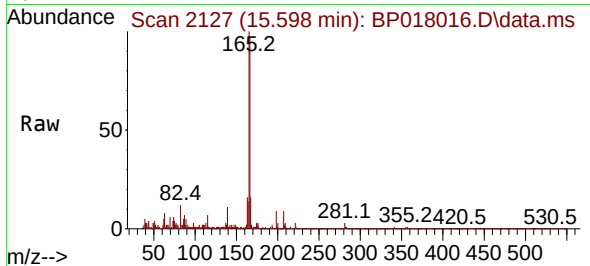
Tgt Ion:	153	Resp:	21480
Ion Ratio	Lower	Upper	
153	100		
152	47.4	38.2	57.2
154	86.8	68.8	103.2





#61
Fluorene
Concen: 1.342 ng/ul
RT: 15.598 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BP018016.D
Acq: 10 Nov 2023 07:25

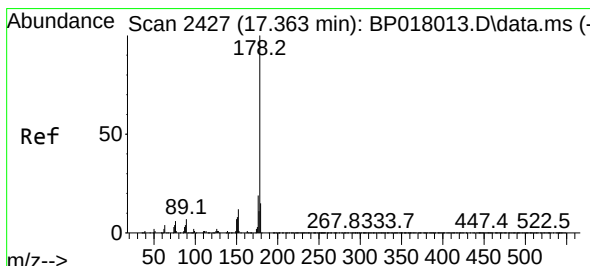
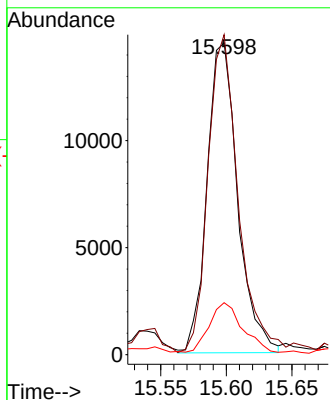
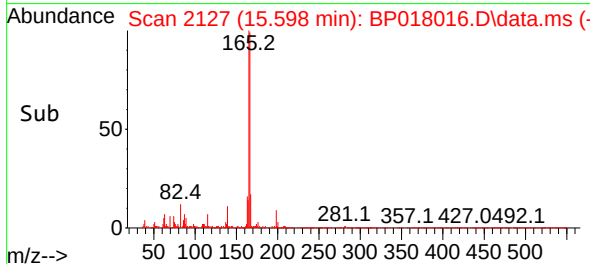
Instrument :
BNA_P
ClientSampleId :
DCKI1



Tgt Ion:166 Resp: 2350
Ion Ratio Lower Upper
166 100
165 102.6 80.2 120.2
167 16.7 11.0 16.4

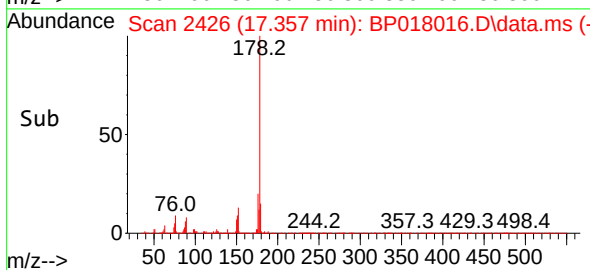
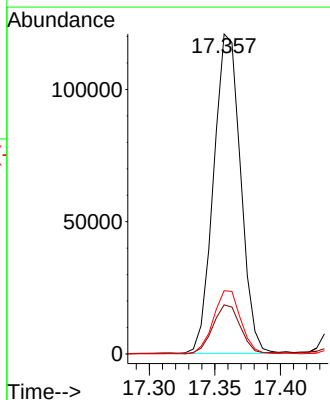
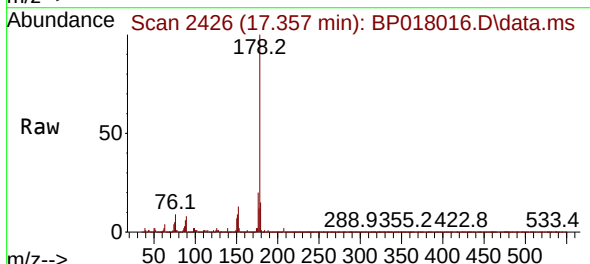
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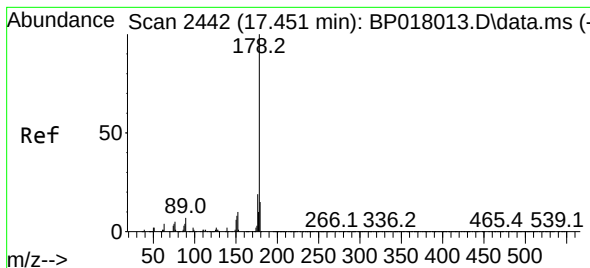
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023



#72
Phenanthrene
Concen: 6.254 ng/ul
RT: 17.357 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BP018016.D
Acq: 10 Nov 2023 07:25

Tgt Ion:178 Resp: 172717
Ion Ratio Lower Upper
178 100
179 15.4 11.6 17.4
176 19.8 15.1 22.7





#74

Anthracene

Concen: 4.226 ng/ul

RT: 17.451 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BP018016.D

Acq: 10 Nov 2023 07:25

Instrument :

BNA_P

ClientSampleId :

DCK11

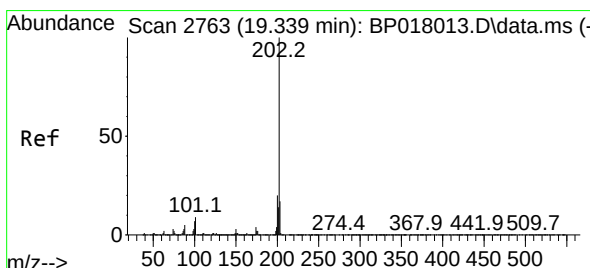
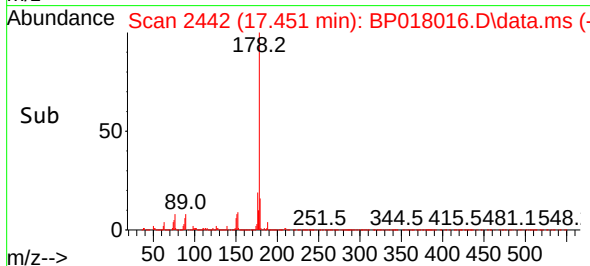
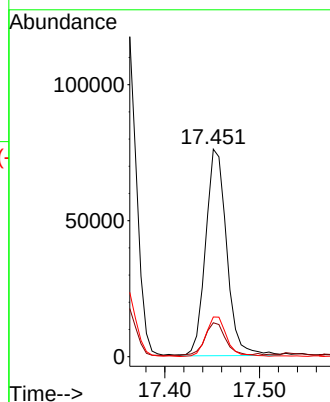
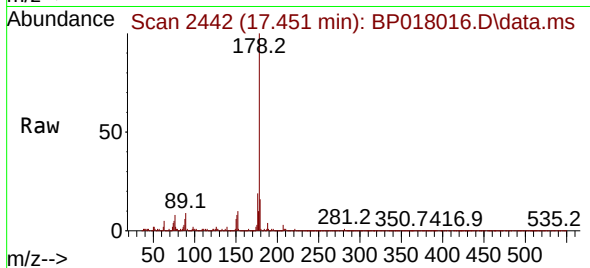
Tgt Ion:178	Resp: 11801
Ion Ratio	Lower Upper
178 100	
179 16.4	12.9 19.3
176 19.1	15.1 22.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/15/2023



#80

Fluoranthene

Concen: 19.148 ng/ul

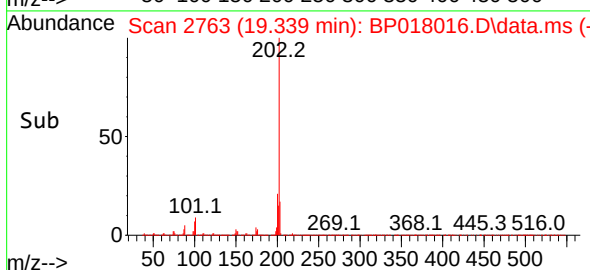
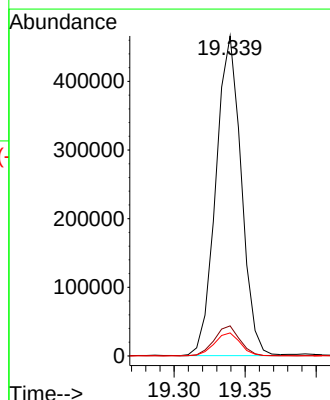
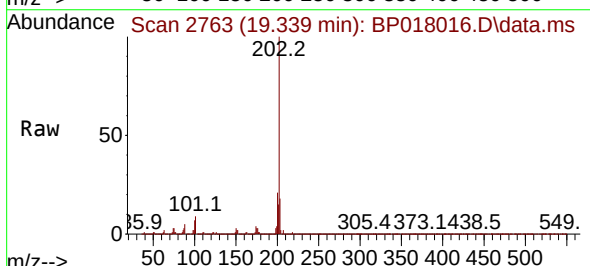
RT: 19.339 min Scan# 2763

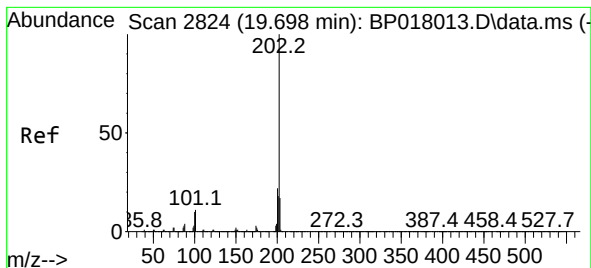
Delta R.T. -0.006 min

Lab File: BP018016.D

Acq: 10 Nov 2023 07:25

Tgt Ion:202	Resp: 577154
Ion Ratio	Lower Upper
202 100	
101 9.4	7.4 11.0
100 7.2	5.8 8.6





#82

Pyrene

Concen: 19.224 ng/ul

RT: 19.698 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BP018016.D

Acq: 10 Nov 2023 07:25

Instrument :

BNA_P

ClientSampleId :

DCK11

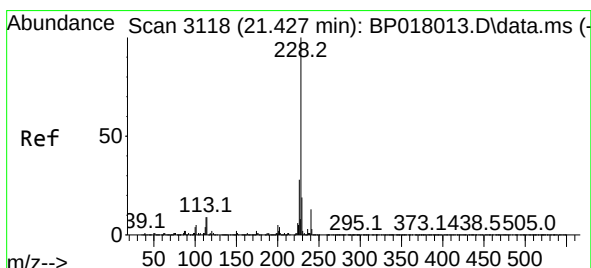
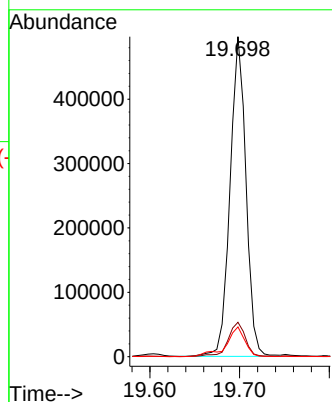
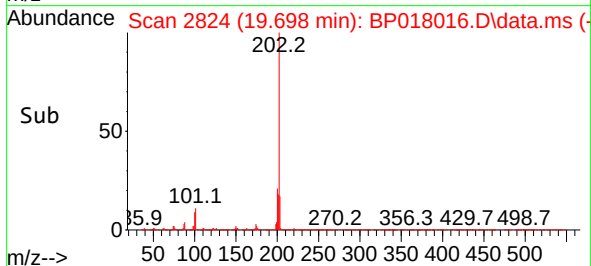
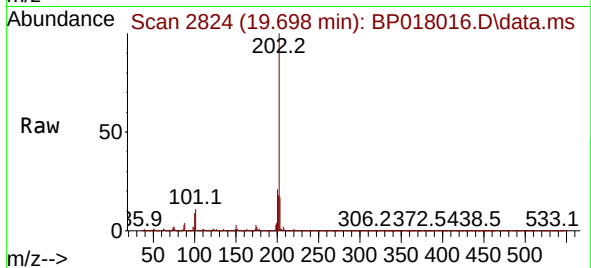
Tgt Ion:	202	Resp:	61241
Ion Ratio	Lower	Upper	
202	100		
101	10.8	9.0	13.4
100	9.3	7.8	11.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/15/2023



#85

Benzo(a)anthracene

Concen: 11.280 ng/ul

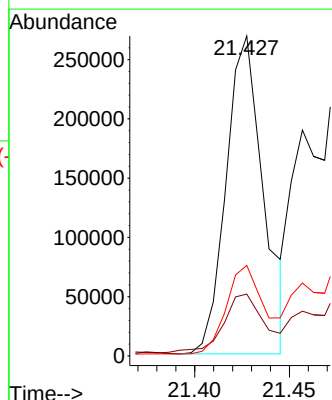
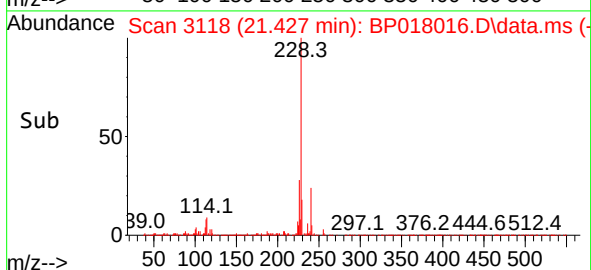
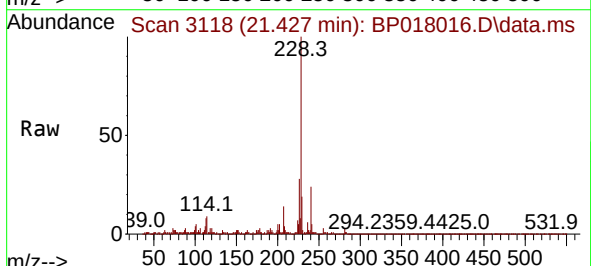
RT: 21.427 min Scan# 3118

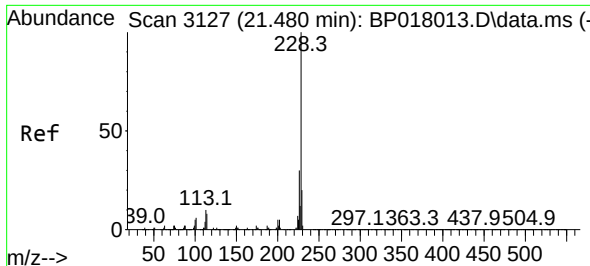
Delta R.T. -0.006 min

Lab File: BP018016.D

Acq: 10 Nov 2023 07:25

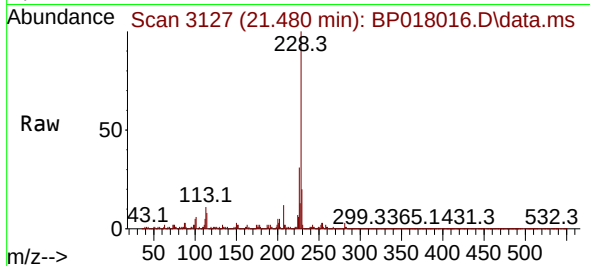
Tgt Ion:	228	Resp:	366934
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.6	23.4
226	28.3	22.3	33.5





#87
Chrysene
Concen: 20.767 ng/ul m
RT: 21.480 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP018016.D
Acq: 10 Nov 2023 07:25

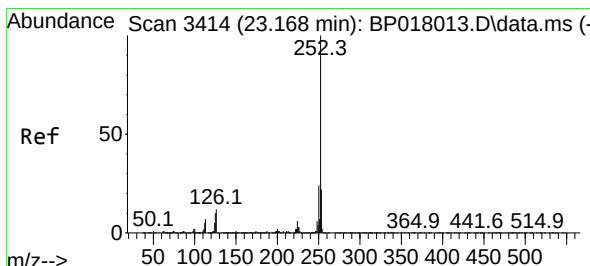
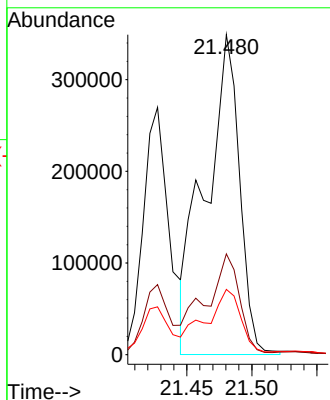
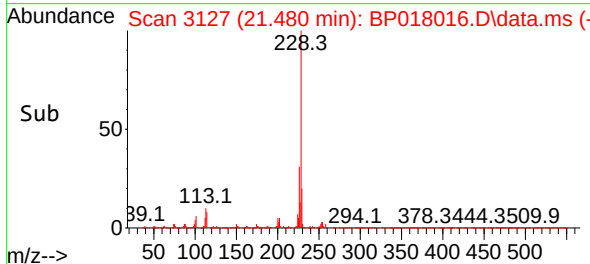
Instrument :
BNA_P
ClientSampleId :
DCK11



Tgt Ion:228 Resp: 636283
Ion Ratio Lower Upper
228 100
226 31.5 24.4 36.6
229 20.4 15.4 23.0

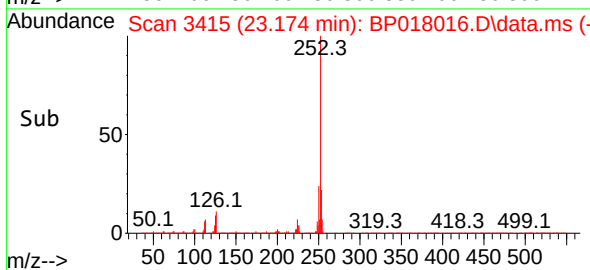
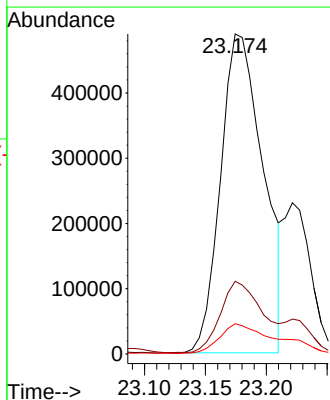
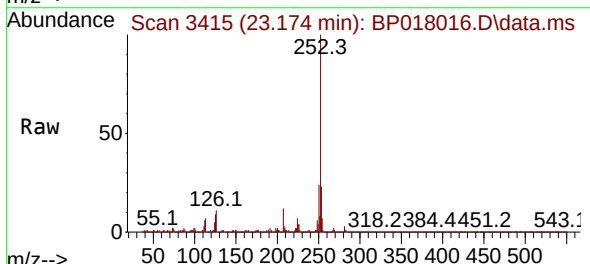
Manual Integrations
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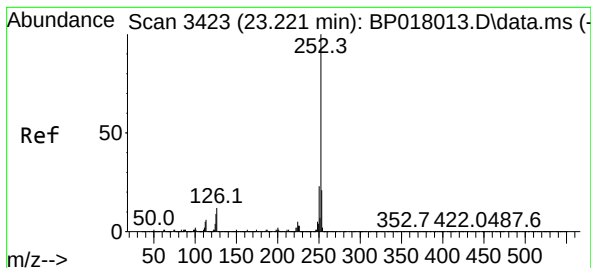
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023



#90
Benzo(b)fluoranthene
Concen: 37.196 ng/ul
RT: 23.174 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BP018016.D
Acq: 10 Nov 2023 07:25

Tgt Ion:252 Resp: 1193229
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.4
125 9.5 7.4 11.2





#91

Benzo(k)fluoranthene

Concen: 10.970 ng/ul

RT: 23.221 min Scan# 3423

Delta R.T. -0.012 min

Lab File: BP018016.D

Acq: 10 Nov 2023 07:25

Instrument :

BNA_P

ClientSampleId :

DCK11

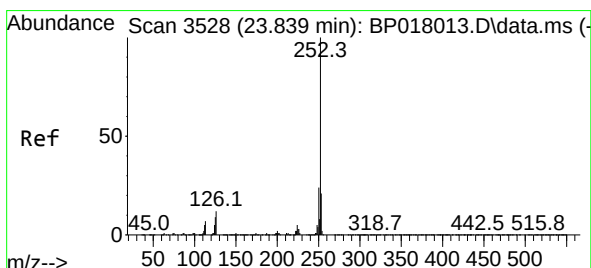
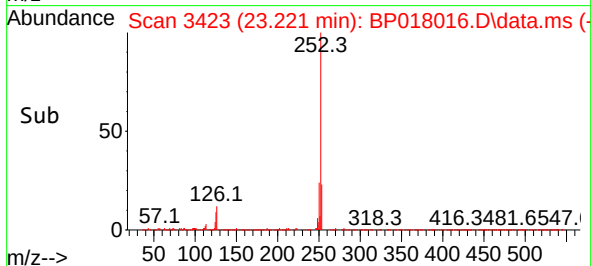
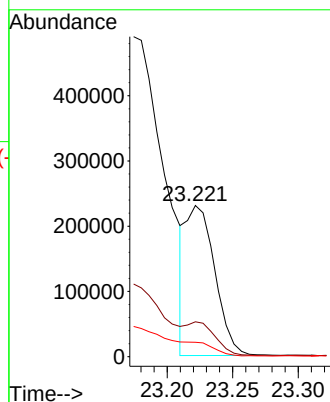
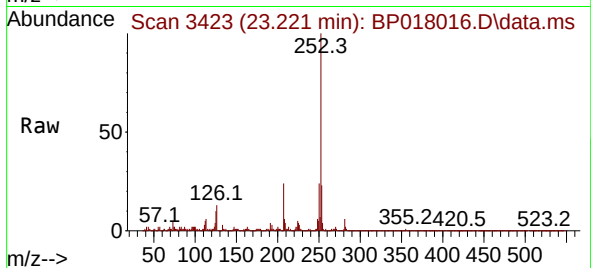
Tgt Ion:	252	Resp:	351240
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	9.6	7.4	11.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/15/2023



#93

Benzo(a)pyrene

Concen: 12.161 ng/ul

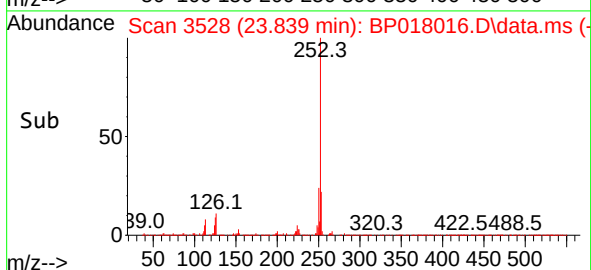
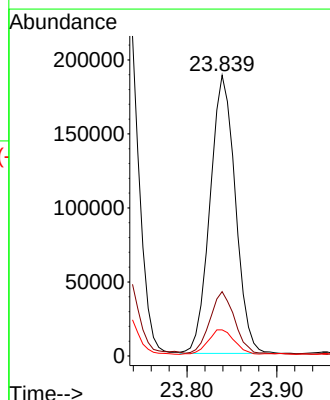
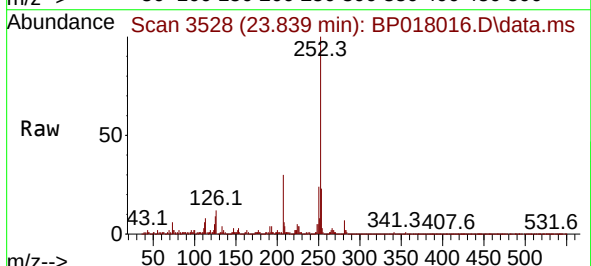
RT: 23.839 min Scan# 3528

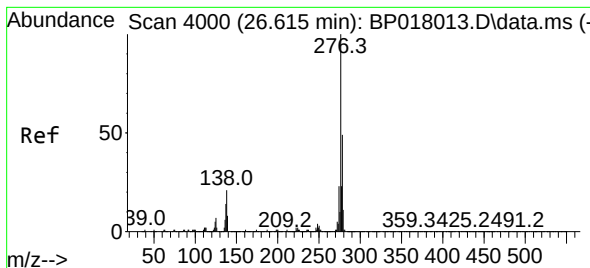
Delta R.T. -0.012 min

Lab File: BP018016.D

Acq: 10 Nov 2023 07:25

Tgt Ion:	252	Resp:	367734
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.0
125	9.3	7.8	11.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 10.789 ng/ul

RT: 26.615 min Scan# 4000

Delta R.T. -0.018 min

Lab File: BP018016.D

Acq: 10 Nov 2023 07:25

Instrument :

BNA_P

ClientSampleId :

DCK11

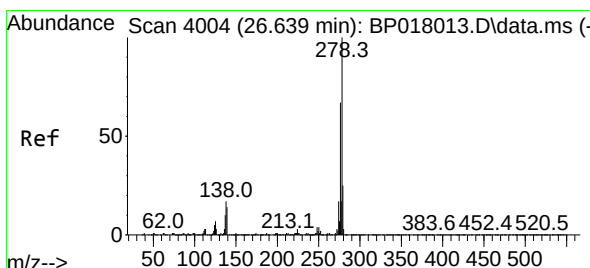
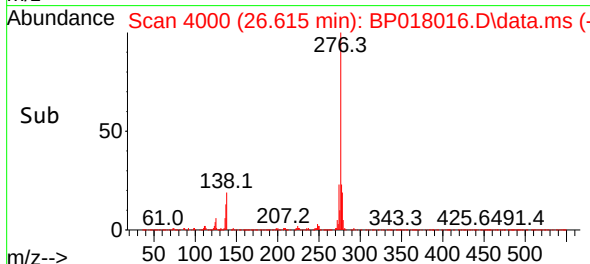
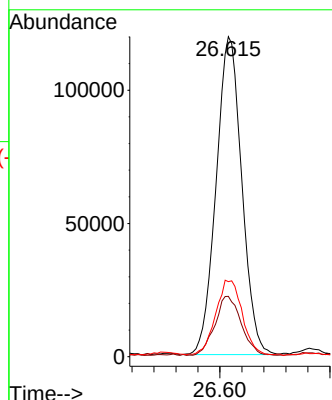
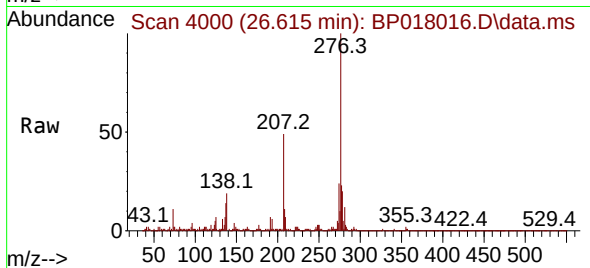
Tgt Ion:	276	Resp:	38666
Ion Ratio	Lower	Upper	
276	100		
138	18.8	16.2	24.4
277	23.4	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/11/2023

Supervised By :mohammad ahmed 11/15/2023



#95

Dibenzo(a,h)anthracene

Concen: 4.087 ng/ul

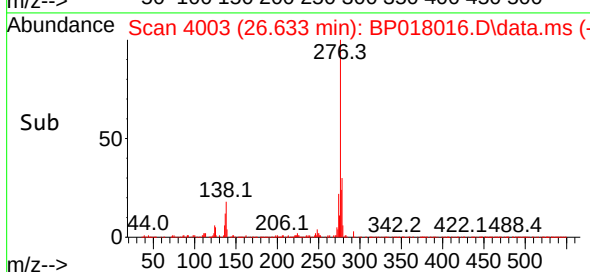
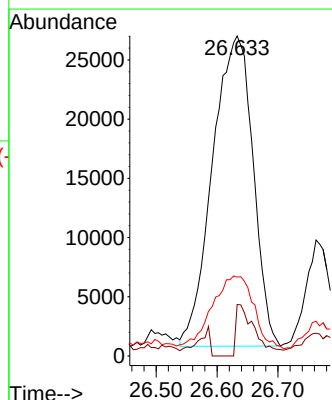
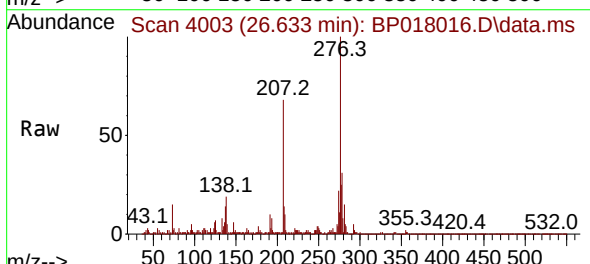
RT: 26.633 min Scan# 4003

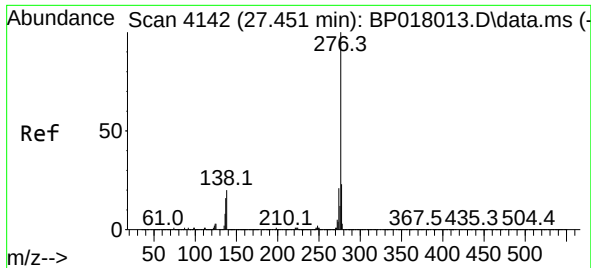
Delta R.T. -0.023 min

Lab File: BP018016.D

Acq: 10 Nov 2023 07:25

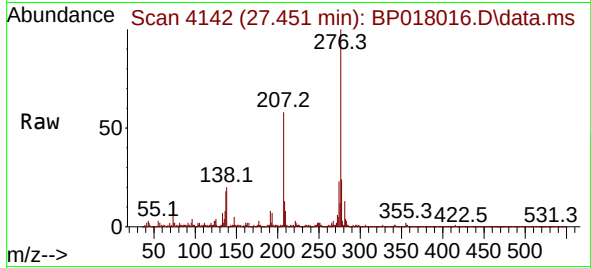
Tgt Ion:	278	Resp:	121103
Ion Ratio	Lower	Upper	
278	100		
139	16.1	11.9	17.9
279	24.6	19.7	29.5





#96
Benzo(g,h,i)perylene
Concen: 12.414 ng/ul
RT: 27.451 min Scan# 4142
Delta R.T. -0.018 min
Lab File: BP018016.D
Acq: 10 Nov 2023 07:25

Instrument :
BNA_P
ClientSampleId :
DCKI1



Tgt Ion:276 Resp: 35505
Ion Ratio Lower Upper
276 100
138 19.6 15.0 22.6
277 23.9 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

