

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
 Data File : BP020422.D
 Acq On : 17 May 2024 14:11
 Operator : MA/JU
 Sample : P2321-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0Y32

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 17 23:04:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	70804	20.000	ng/u1	0.00
20) Naphthalene-d8	10.357	136	295530	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	215073	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.104	188	515746	20.000	ng/u1	-0.02
79) Chrysene-d12	21.604	240	535335	20.000	ng/u1	-0.02
88) Perylene-d12	24.957	264	610954	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	6345	3.785	ng/uL	0.00
4) Pyridine-d5	3.599	84	77803	15.972	ng/u1	0.00
7) Phenol-d5	6.793	99	113861	18.725	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.952	67	72911	19.739	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	90306	20.775	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	99277	20.195	ng/u1	0.01
21) Nitrobenzene-d5	8.757	128	44877	20.279	ng/u1	0.01
24) 2-Nitrophenol-d4	9.469	143	52533	20.729	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.016	165	103070m	22.287	ng/u1	0.02
31) 4-Chloroaniline-d4	10.534	131	127996	19.775	ng/u1	0.01
46) Dimethylphthalate-d6	13.681	166	382857	24.377	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	416496	24.006	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.575	143	41914m	17.364	ng/u1	0.03
60) Fluorene-d10	15.281	176	347358	26.516	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.463	200	37408	11.430	ng/u1	0.00
73) Anthracene-d10	17.204	188	558604	25.037	ng/u1	-0.03
81) Pyrene-d10	19.610	212	738356	23.595	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.721	264	746058	25.256	ng/u1	-0.03
Target Compounds						
					Qvalue	
30) Naphthalene	10.410	128	31775	2.086	ng/u1#	97
52) Acenaphthene	14.328	153	13313	1.015	ng/u1	96
72) Phenanthrene	17.145	178	53354	2.028	ng/u1	100
80) Fluoranthene	19.269	202	75903	2.061	ng/u1	99
82) Pyrene	19.651	202	65514	1.710	ng/u1	98
90) Benzo(b)fluoranthene	23.904	252	42943	1.182	ng/u1#	95

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

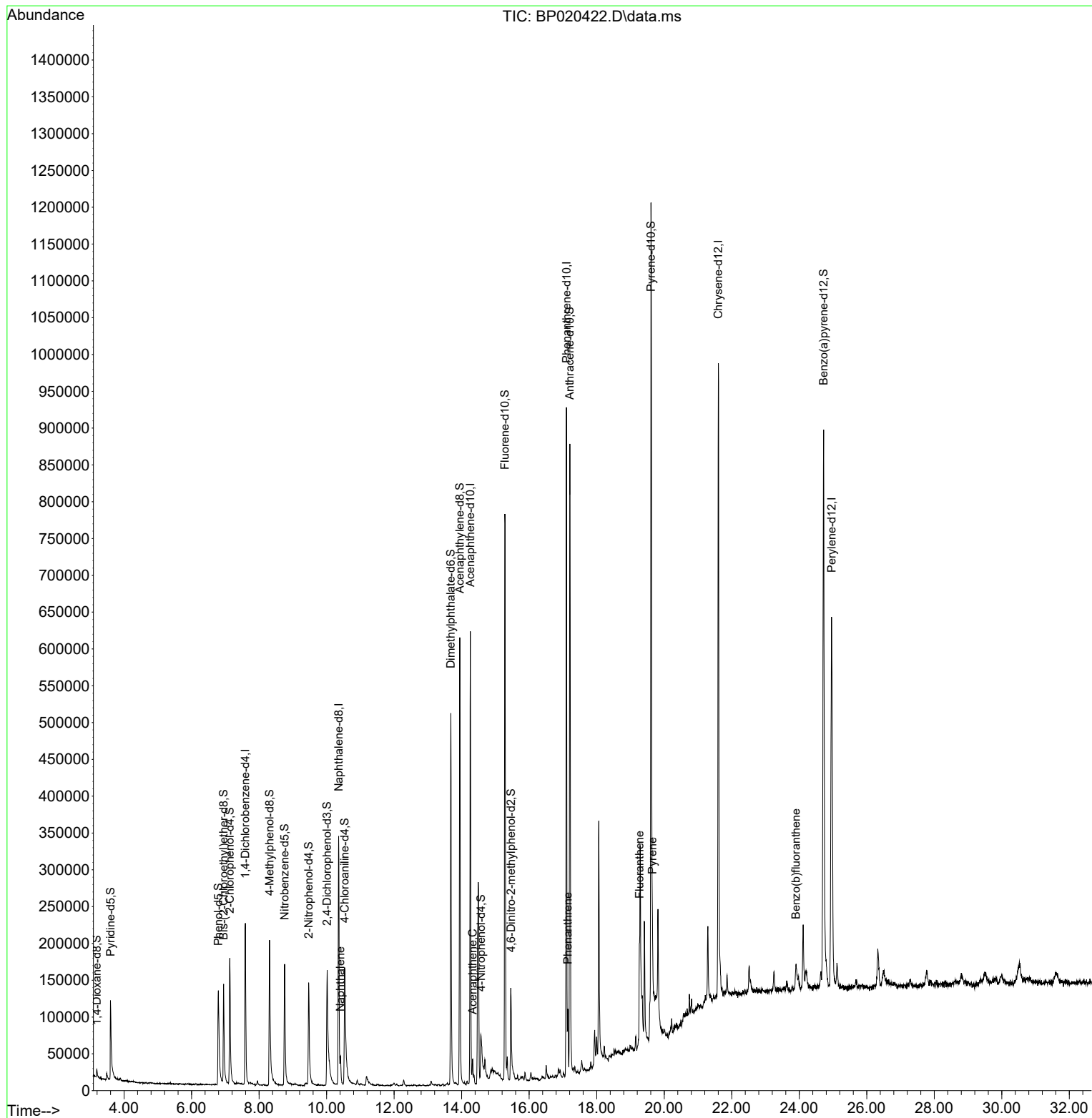
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
Data File : BP020422.D
Acq On : 17 May 2024 14:11
Operator : MA/JU
Sample : P2321-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

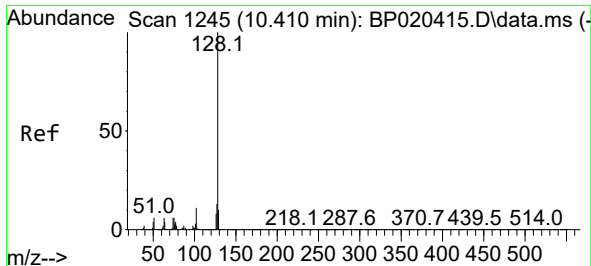
Instrument :
BNA_P
ClientSampleId :
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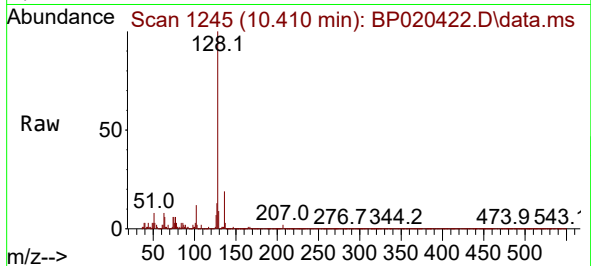
Quant Time: May 17 23:04:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 16 10:48:40 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.086 ng/ul
RT: 10.410 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP020422.D
Acq: 17 May 2024 14:11

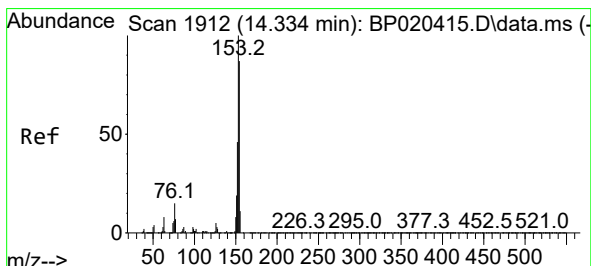
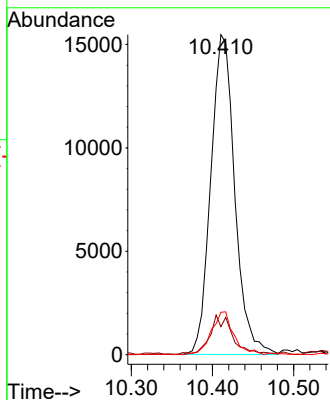
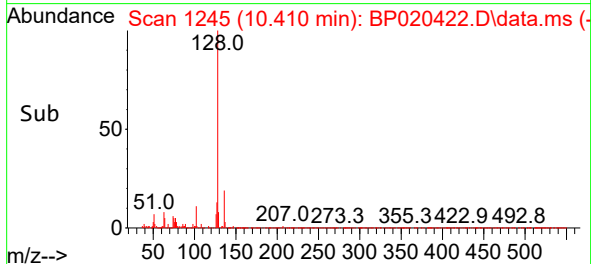
Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 31775
Ion Ratio Lower Upper
128 100
129 8.8 8.9 13.3
127 13.2 10.6 16.0

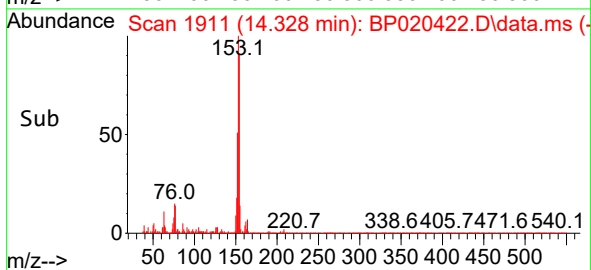
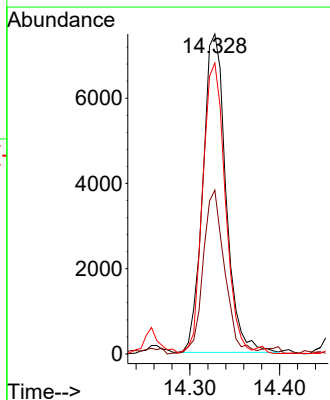
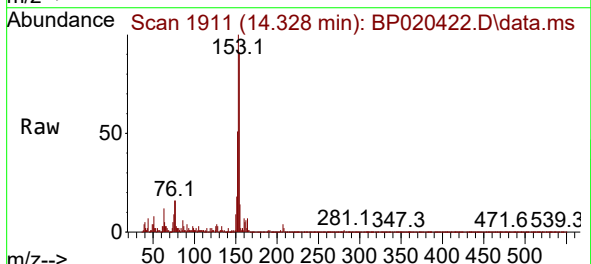
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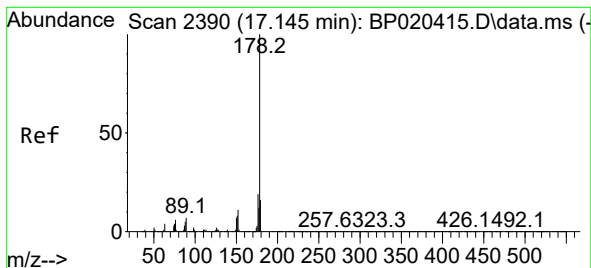
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#52
Acenaphthene
Concen: 1.015 ng/ul
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP020422.D
Acq: 17 May 2024 14:11

Tgt Ion:153 Resp: 13313
Ion Ratio Lower Upper
153 100
152 51.2 37.4 56.2
154 90.9 70.3 105.5





#72

Phenanthrene

Concen: 2.028 ng/ul

RT: 17.145 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP020422.D

Acq: 17 May 2024 14:11

Instrument :

BNA_P

ClientSampleId :

E0Y32

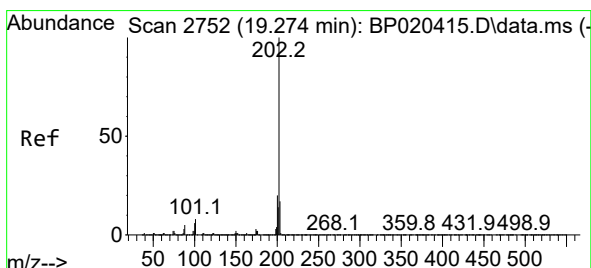
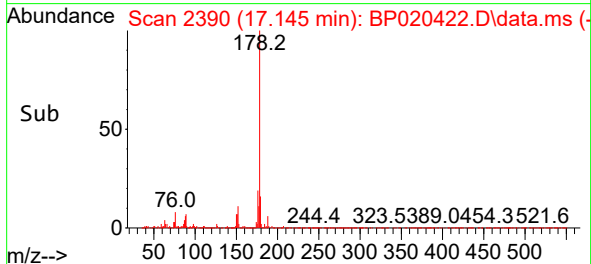
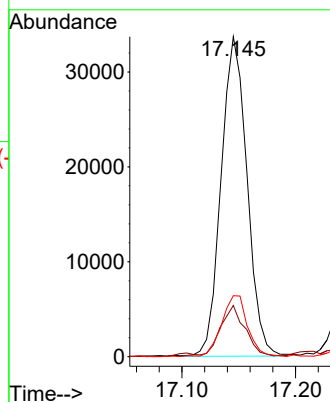
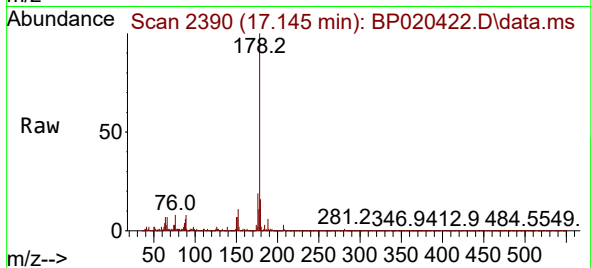
Tgt Ion:178	Resp:	53354
Ion Ratio	Lower	Upper
178	100	
179	16.0	13.0 19.6
176	19.0	15.2 22.8

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#80

Fluoranthene

Concen: 2.061 ng/ul

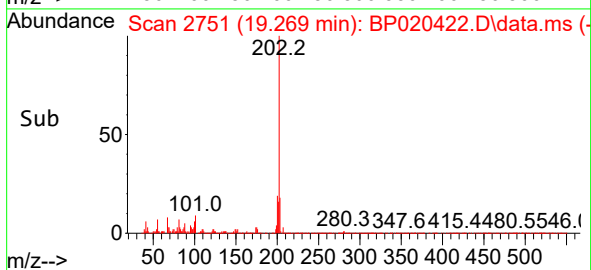
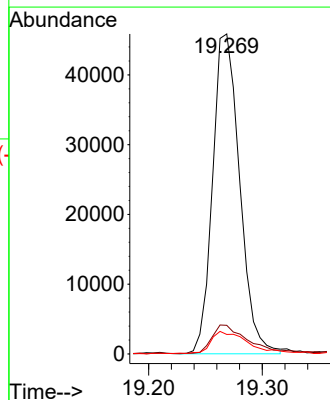
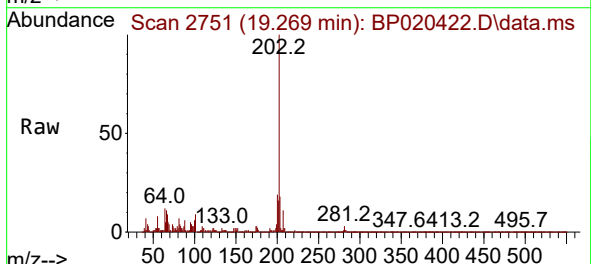
RT: 19.269 min Scan# 2751

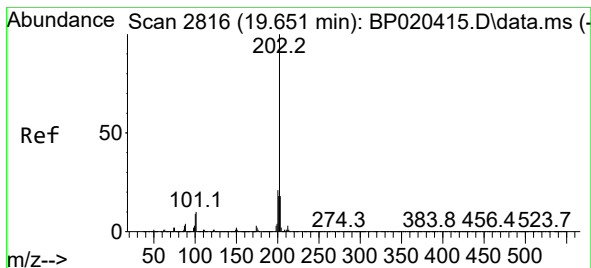
Delta R.T. -0.018 min

Lab File: BP020422.D

Acq: 17 May 2024 14:11

Tgt Ion:202	Resp:	75903
Ion Ratio	Lower	Upper
202	100	
101	9.0	7.0 10.4
100	6.1	5.5 8.3





#82

Pyrene

Concen: 1.710 ng/ul

RT: 19.651 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP020422.D

Acq: 17 May 2024 14:11

Instrument :

BNA_P

ClientSampleId :

E0Y32

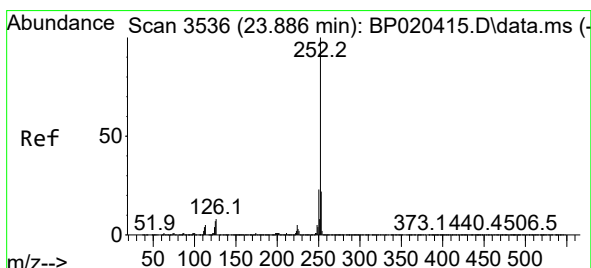
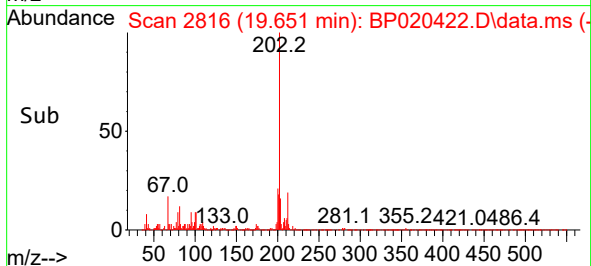
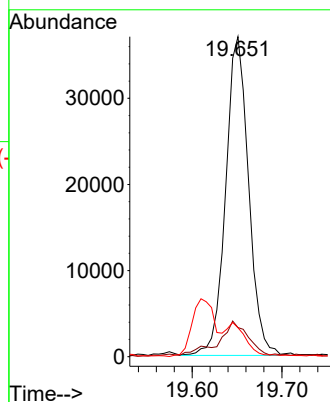
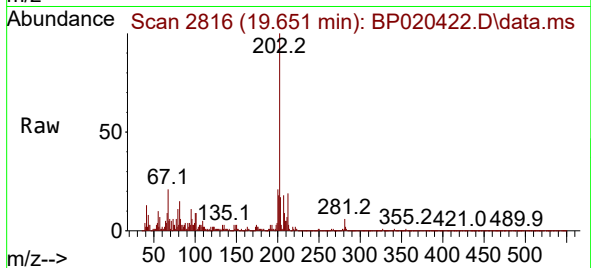
Tgt Ion:	202	Resp:	65514
Ion Ratio	Lower	Upper	
202	100		
101	9.1	8.1	12.1
100	9.1	6.8	10.2

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Supervised By :mohammad ahmed 05/18/2024



#90

Benzo(b)fluoranthene

Concen: 1.182 ng/ul

RT: 23.904 min Scan# 3539

Delta R.T. -0.012 min

Lab File: BP020422.D

Acq: 17 May 2024 14:11

Tgt Ion:	252	Resp:	42943
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.9	26.9
125	12.1	6.2	9.2

