

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
 Data File : BP018690.D
 Acq On : 08 Dec 2023 00:49
 Operator : MA/JU
 Sample : 05459-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 01:18:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	312822	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.640	136	1193554	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.475	164	745625	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.222	188	1757311	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1998300	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	2353090	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	18954	2.065	ng/uL	0.00
4) Pyridine-d5	3.693	84	43437	1.767	ng/u1	0.00
7) Phenol-d5	7.010	99	273764	8.721	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	188073	10.108	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.375	132	225117	9.190	ng/u1	-0.01
15) 4-Methylphenol-d8	8.557	113	112479	4.427	ng/u1	-0.01
21) Nitrobenzene-d5	9.005	128	99000	9.319	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.728	143	101952	9.257	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	188279	8.360	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.781	131	195186	6.632	ng/u1	-0.01
46) Dimethylphthalate-d6	13.887	166	696885	10.472	ng/u1	-0.02
49) Acenaphthylene-d8	14.169	160	773207	10.552	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.681	143	5105m	0.467	ng/u1	0.00
60) Fluorene-d10	15.463	176	636989	11.403	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.586	200	1822m	0.173	ng/u1	0.00
73) Anthracene-d10	17.322	188	986293	10.676	ng/u1	0.00
81) Pyrene-d10	19.557	212	1344501	8.643	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.521	264	1555258	11.336	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.669	105	126434	3.339	ng/u1	97
72) Phenanthrene	17.263	178	208287	1.962	ng/u1	99
80) Fluoranthene	19.233	202	501774	2.729	ng/u1	99
82) Pyrene	19.586	202	379717	2.047	ng/u1	97
85) Benzo(a)anthracene	21.292	228	236743	1.460	ng/u1	97
87) Chrysene	21.345	228	210344	1.408	ng/u1	98
90) Benzo(b)fluoranthene	22.951	252	285710	1.647	ng/u1	98
93) Benzo(a)pyrene	23.574	252	180995	1.142	ng/u1	99

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

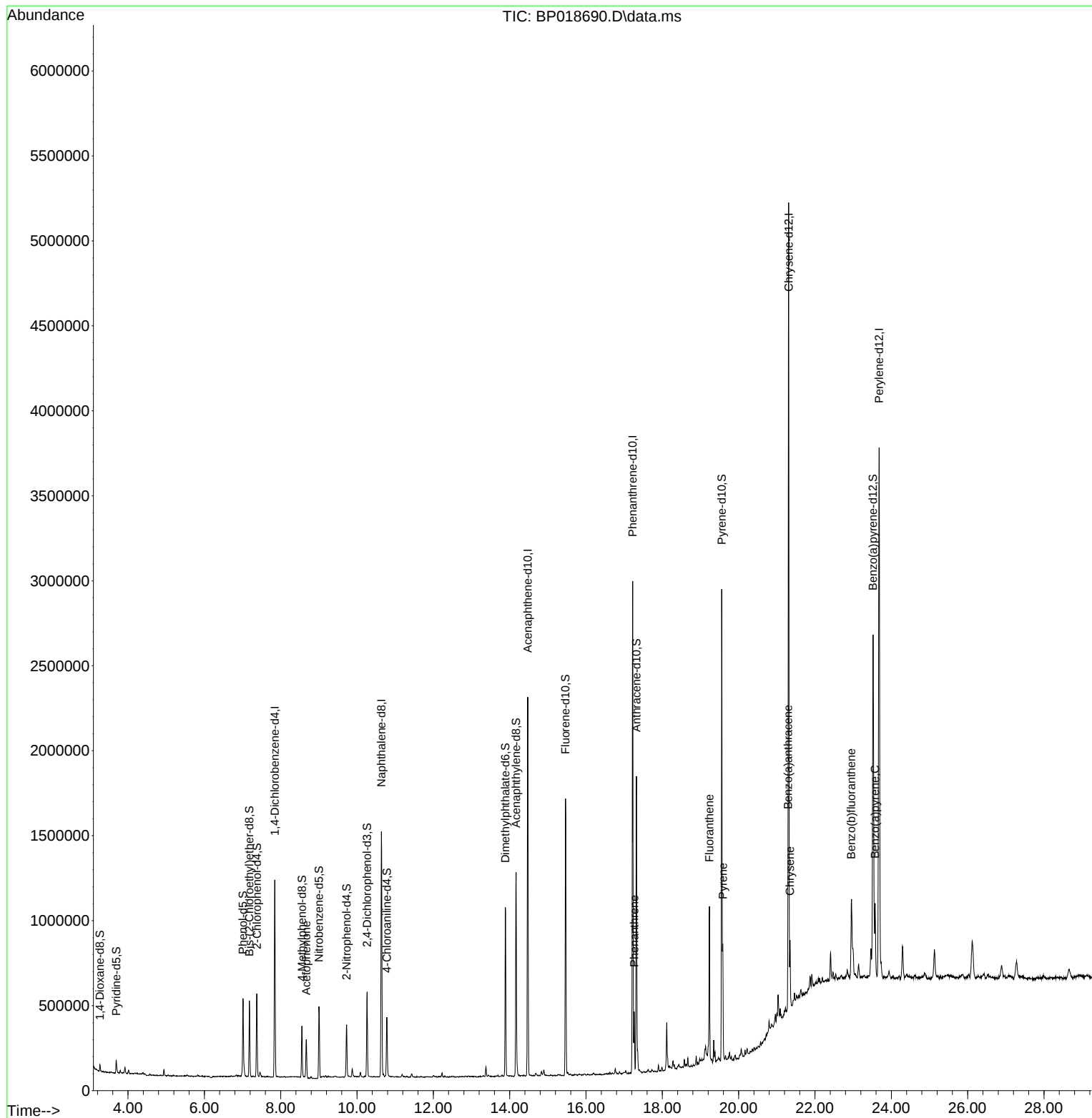
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018690.D
Acq On : 08 Dec 2023 00:49
Operator : MA/JU
Sample : 05459-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

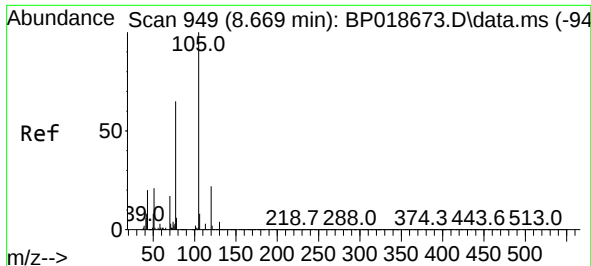
Instrument :
BNA_P
ClientSampleId :
C0AA9

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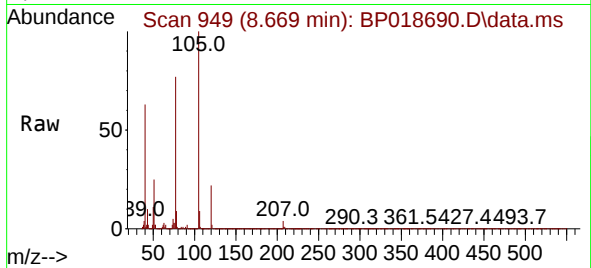
Quant Time: Dec 08 01:18:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 3.339 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP018690.D
Acq: 08 Dec 2023 00:49

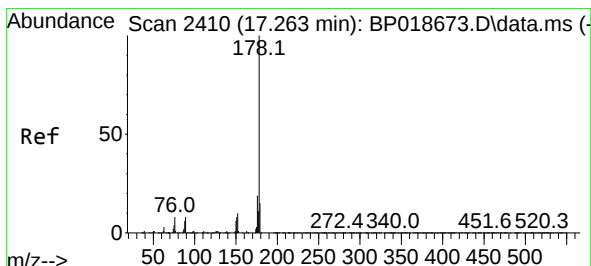
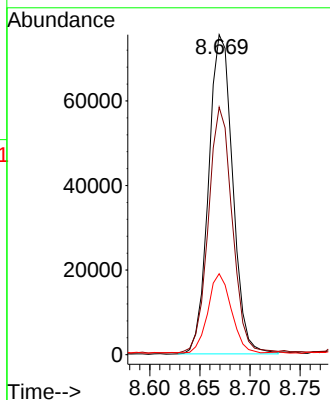
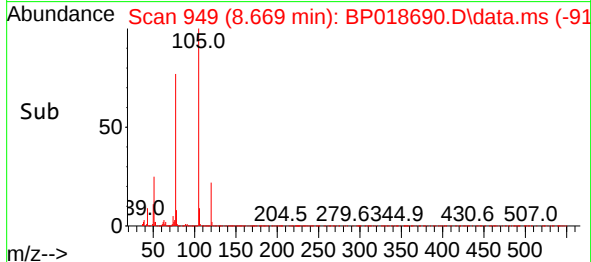
Instrument :
BNA_P
ClientSampleId :
C0AA9



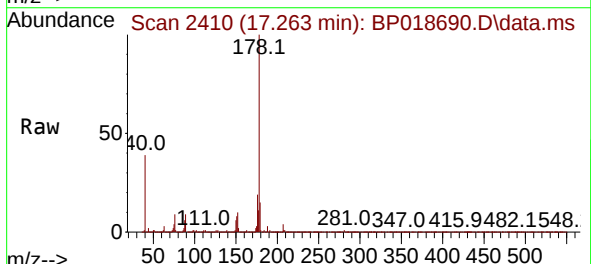
Tgt Ion:105 Resp: 126434
Ion Ratio Lower Upper
105 100
77 77.4 59.4 89.0
51 25.3 19.4 29.0

Manual Integrations
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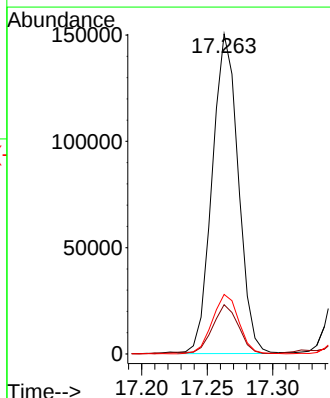
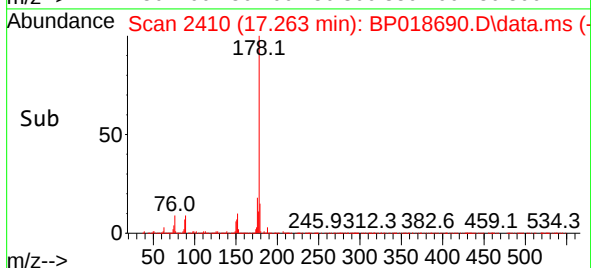
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

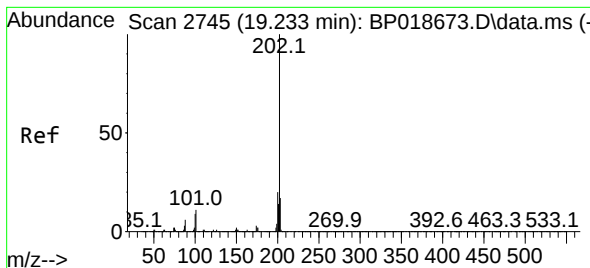


#72
Phenanthrene
Concen: 1.962 ng/ul
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP018690.D
Acq: 08 Dec 2023 00:49



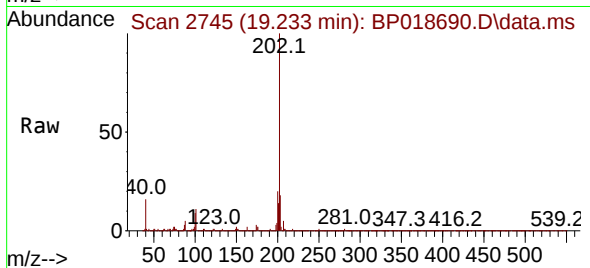
Tgt Ion:178 Resp: 208287
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.6 15.4 23.2





#80
Fluoranthene
Concen: 2.729 ng/ul
RT: 19.233 min Scan# 2745
Delta R.T. -0.006 min
Lab File: BP018690.D
Acq: 08 Dec 2023 00:49

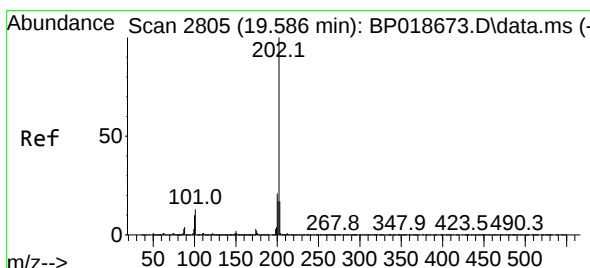
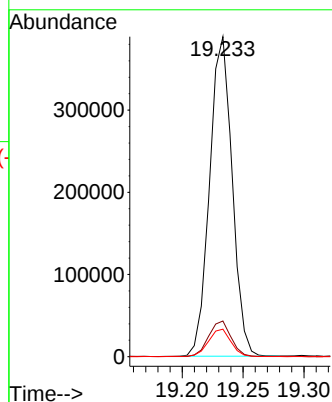
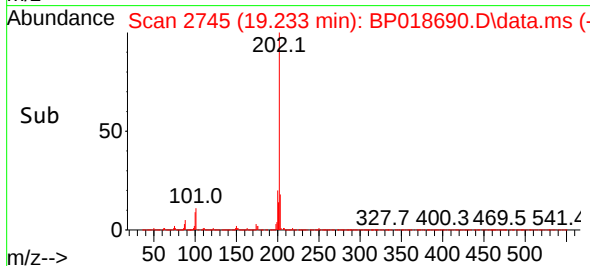
Instrument :
BNA_P
ClientSampleId :
C0AA9



Tgt Ion:202 Resp: 501774
Ion Ratio Lower Upper
202 100
101 11.1 9.1 13.7
100 8.6 7.1 10.7

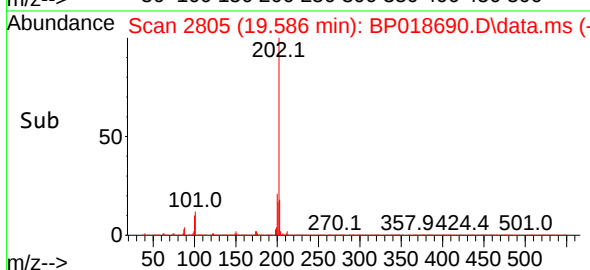
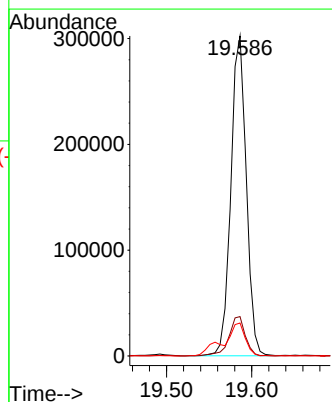
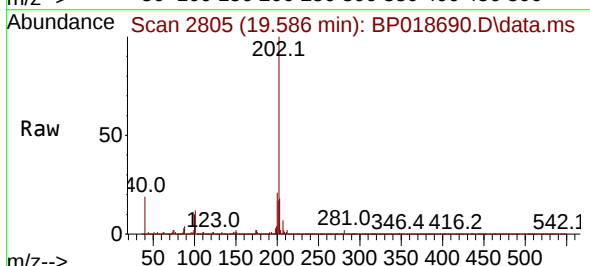
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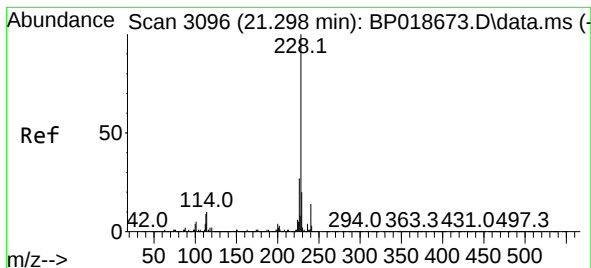
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#82
Pyrene
Concen: 2.047 ng/ul
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP018690.D
Acq: 08 Dec 2023 00:49

Tgt Ion:202 Resp: 379717
Ion Ratio Lower Upper
202 100
101 12.3 11.0 16.4
100 10.3 9.1 13.7





#85

Benzo(a)anthracene

Concen: 1.460 ng/ul

RT: 21.292 min Scan# 3096

Delta R.T. -0.012 min

Lab File: BP018690.D

Acq: 08 Dec 2023 00:49

Instrument :

BNA_P

ClientSampleId :

C0AA9

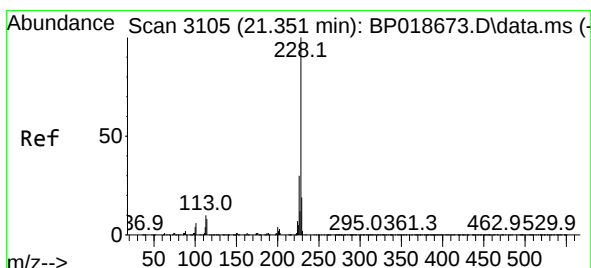
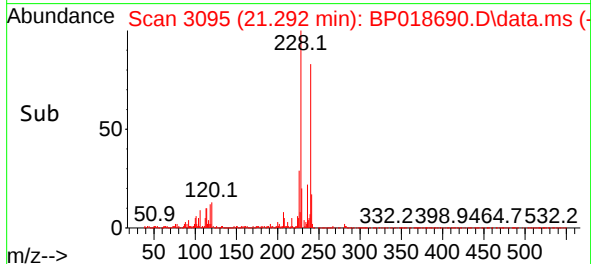
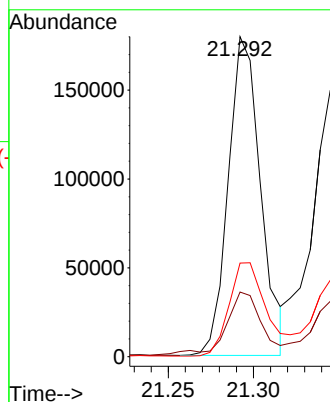
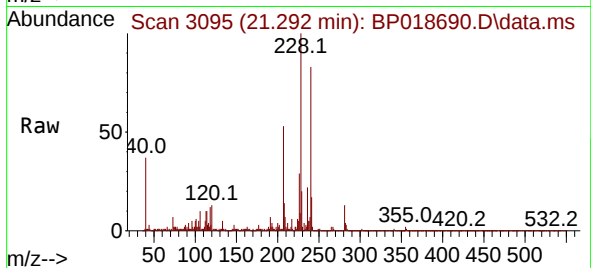
Tgt Ion:	228	Resp:	23674
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.7	23.5
226	29.2	21.9	32.9

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#87

Chrysene

Concen: 1.408 ng/ul

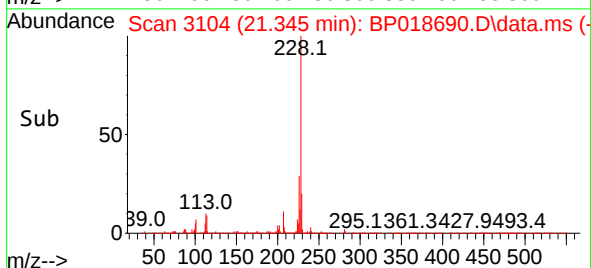
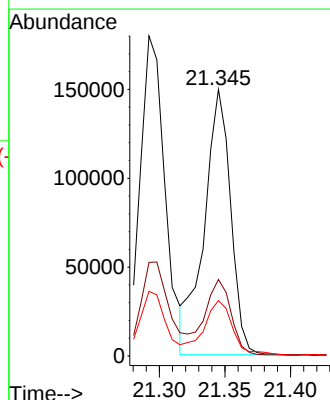
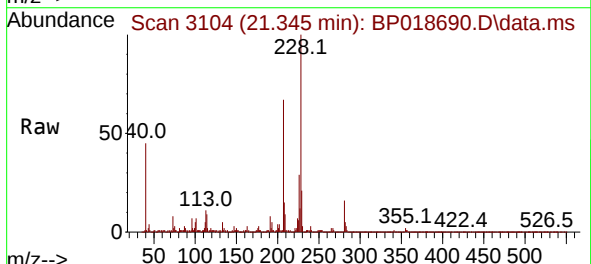
RT: 21.345 min Scan# 3104

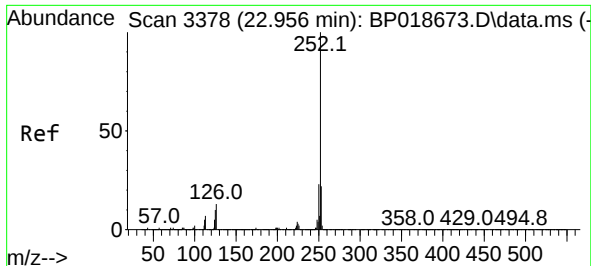
Delta R.T. -0.006 min

Lab File: BP018690.D

Acq: 08 Dec 2023 00:49

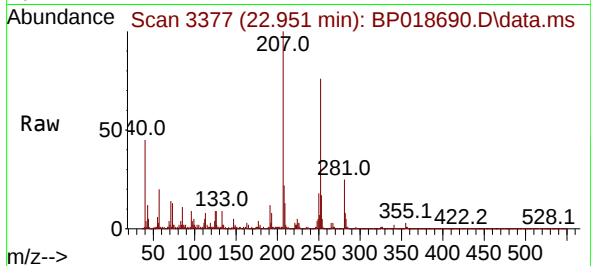
Tgt Ion:	228	Resp:	210344
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.9	35.9
229	20.8	15.6	23.4





#90
Benzo(b)fluoranthene
Concen: 1.647 ng/u1
RT: 22.951 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP018690.D
Acq: 08 Dec 2023 00:49

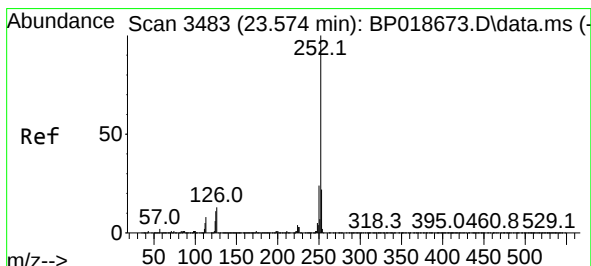
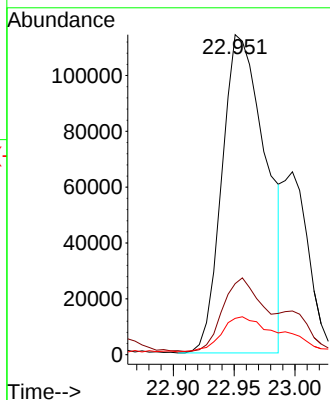
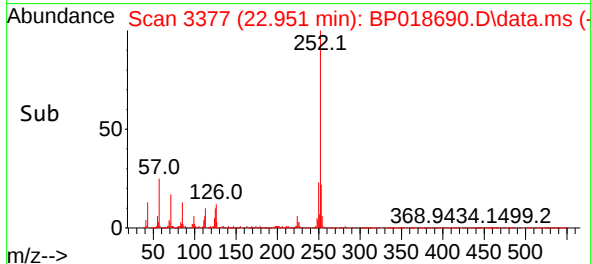
Instrument :
BNA_P
ClientSampleId :
C0AA9



Tgt Ion:252 Resp: 285710
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.4 7.8 11.6

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Supervised By :mohammad ahmed 12/08/2023



#93
Benzo(a)pyrene
Concen: 1.142 ng/u1
RT: 23.574 min Scan# 3483
Delta R.T. -0.012 min
Lab File: BP018690.D
Acq: 08 Dec 2023 00:49

Tgt Ion:252 Resp: 180995
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 12.0 9.2 13.8

