

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
 Data File : BP012328.D
 Acq On : 26 Oct 2022 14:38
 Operator : CG/JU
 Sample : N4984-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGNM2

Quant Time: Oct 27 00:23:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 26 23:40:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	225668	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	1076051	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	729625	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	1663621	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1897514	20.000	ng/u1	0.00
88) Perylene-d12	23.716	264	2170363	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	34064	6.078	ng/uL	0.00
4) Pyridine-d5	3.681	84	95475	5.930	ng/u1	0.00
7) Phenol-d5	6.981	99	671456	33.174	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	438099	36.257	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	526815	35.641	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	534599	33.395	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	266058	38.128	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	279532	38.595	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	525038	33.450	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	745176	31.885	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	1939571	38.833	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	2075229	36.358	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	256957	27.183	ng/u1	0.00
60) Fluorene-d10	15.457	176	1673896	39.143	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	232528	26.846	ng/u1	0.00
73) Anthracene-d10	17.322	188	2656387	37.058	ng/u1	0.00
81) Pyrene-d10	19.563	212	3277619	34.404	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.563	264	3846489	36.272	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.011	94	31532	1.498	ng/u1#	88
72) Phenanthrene	17.263	178	156656	1.782	ng/u1	98
80) Fluoranthene	19.233	202	500462	4.255	ng/u1	99
82) Pyrene	19.592	202	451016	3.702	ng/u1	98
85) Benzo(a)anthracene	21.298	228	353124	2.917	ng/u1	99
87) Chrysene	21.351	228	317082	2.802	ng/u1	97
90) Benzo(b)fluoranthene	22.980	252	476682	3.468	ng/u1	98
91) Benzo(k)fluoranthene	23.027	252	151226m	1.155	ng/u1	
93) Benzo(a)pyrene	23.610	252	340841	2.840	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.198	276	225510	1.508	ng/u1	97
96) Benzo(g,h,i)perylene	26.968	276	162900	1.232	ng/u1	97

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

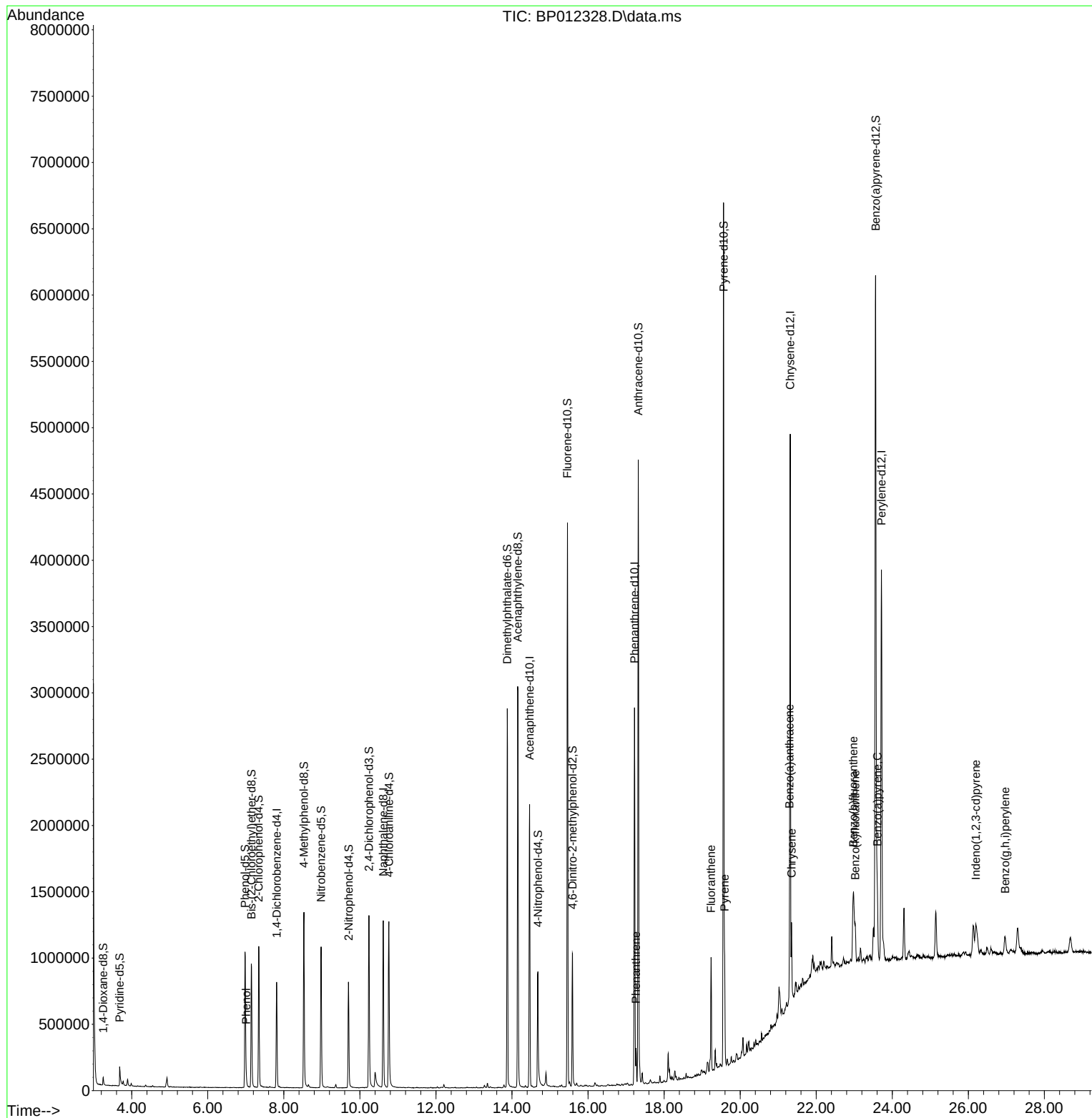
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
 Data File : BP012328.D
 Acq On : 26 Oct 2022 14:38
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 ALS Vial : 5 Sample Multiplier: 1

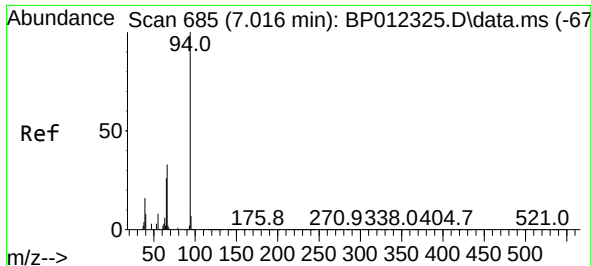
Instrument :
 BNA_P
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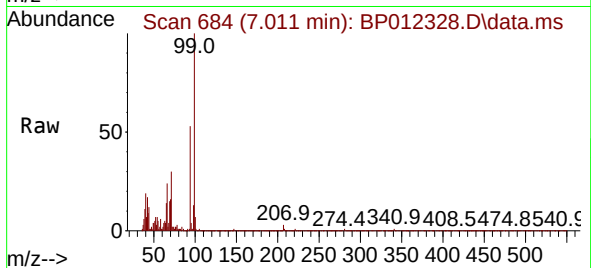
Quant Time: Oct 27 00:23:14 2022
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 26 23:40:20 2022
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#8
Phenol
Concen: 1.498 ng/ul
RT: 7.011 min Scan# 684
Delta R.T. 0.001 min
Lab File: BP012328.D
Acq: 26 Oct 2022 14:38

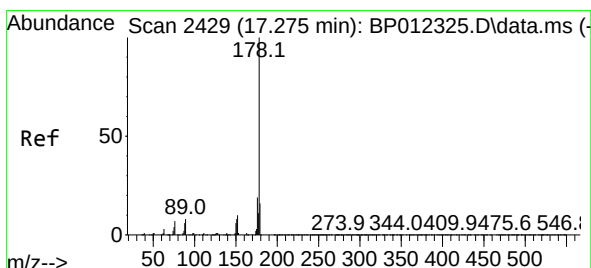
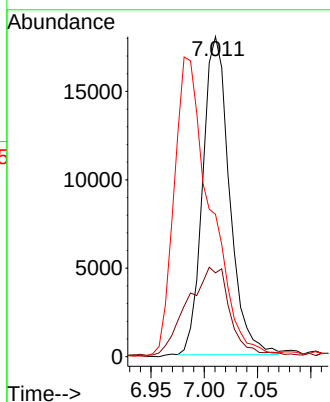
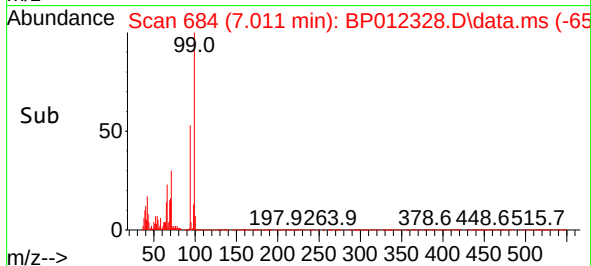
Instrument :
BNA_P
ClientSampleId :
BGNM2



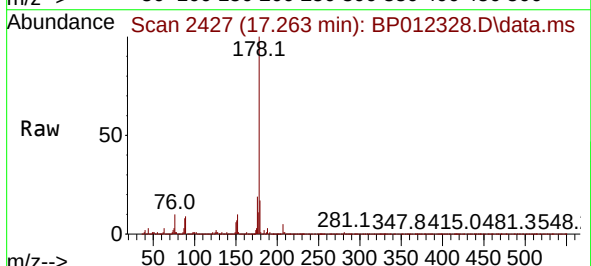
Tgt Ion: 94 Resp: 3153
Ion Ratio Lower Upper
94 100
65 26.2 20.8 31.2
66 44.5 26.2 39.2

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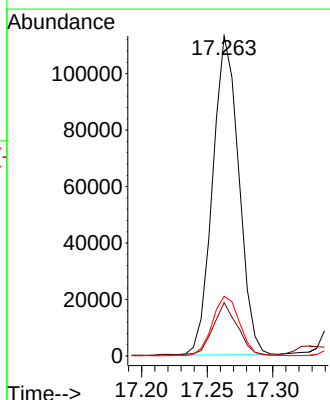
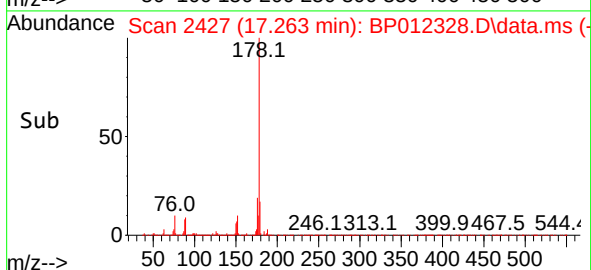
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

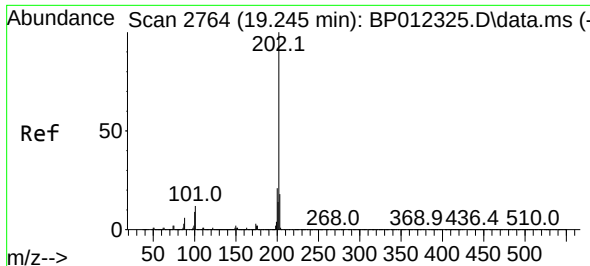


#72
Phenanthrene
Concen: 1.782 ng/ul
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP012328.D
Acq: 26 Oct 2022 14:38



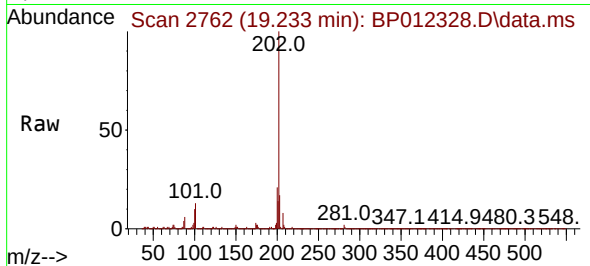
Tgt Ion:178 Resp: 156656
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 18.7 15.8 23.6





#80
Fluoranthene
Concen: 4.255 ng/u1
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012328.D
Acq: 26 Oct 2022 14:38

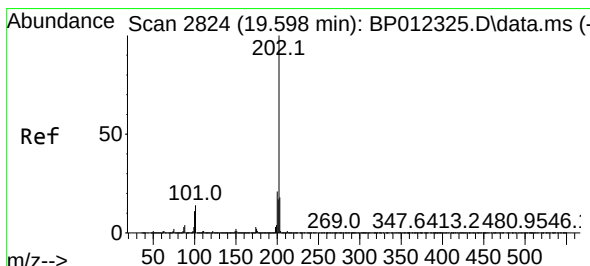
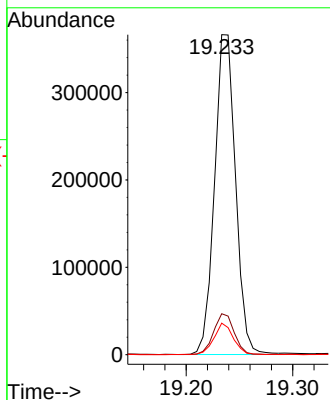
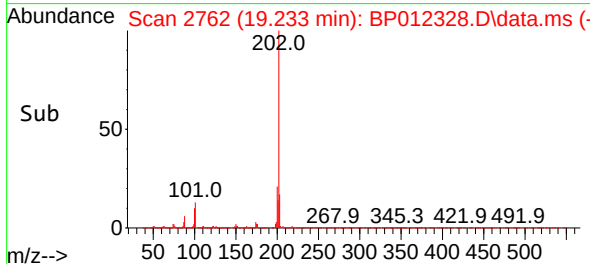
Instrument :
BNA_P
ClientSampleId :
BGNM2



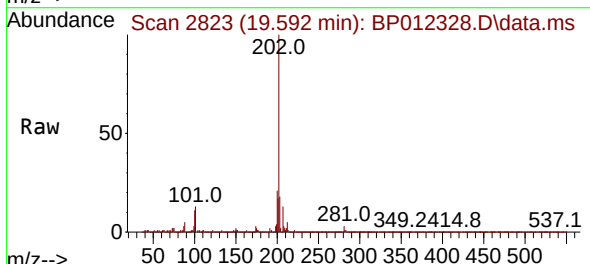
Tgt Ion:202 Resp: 500462
Ion Ratio Lower Upper
202 100
101 12.8 9.9 14.9
100 9.9 7.4 11.2

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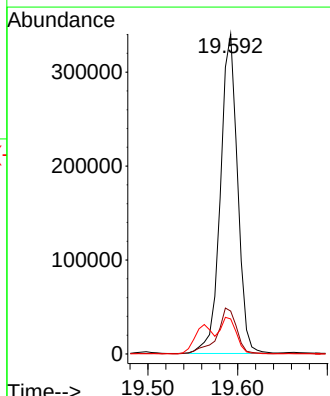
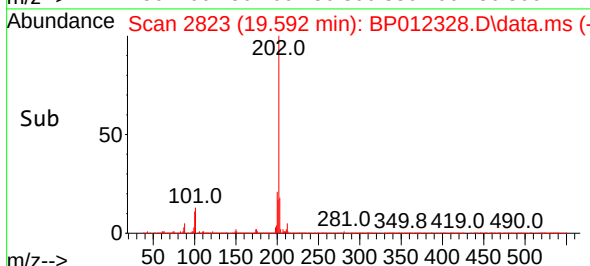
Reviewed By :Jagrut Upadhyay 10/27/2022
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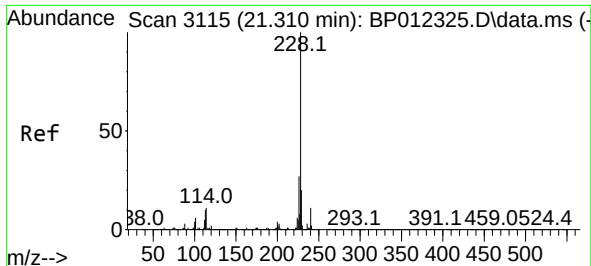


#82
Pyrene
Concen: 3.702 ng/u1
RT: 19.592 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP012328.D
Acq: 26 Oct 2022 14:38



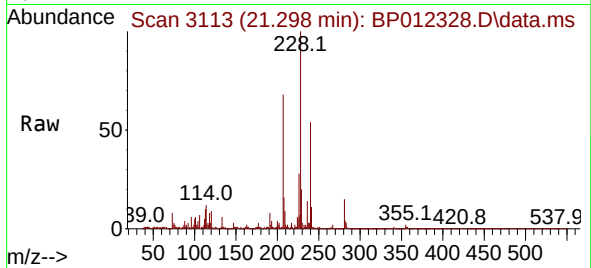
Tgt Ion:202 Resp: 451016
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 11.0 9.3 13.9





#85
Benzo(a)anthracene
Concen: 2.917 ng/u1
RT: 21.298 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP012328.D
Acq: 26 Oct 2022 14:38

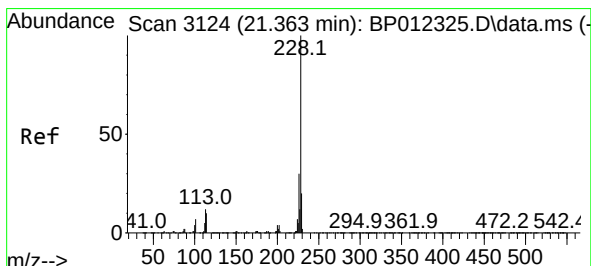
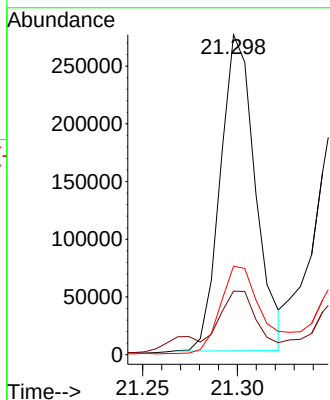
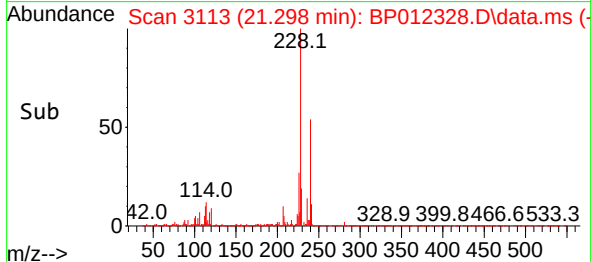
Instrument :
BNA_P
ClientSampleId :
BGNM2



Tgt Ion:228 Resp: 353124
Ion Ratio Lower Upper
228 100
229 19.8 16.2 24.2
226 27.6 22.6 33.8

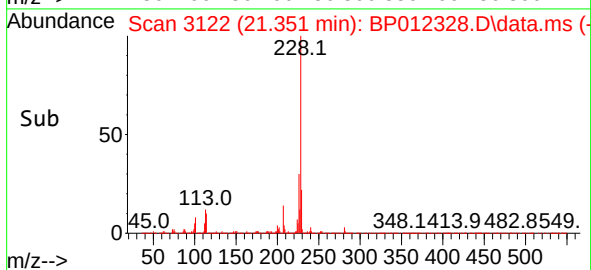
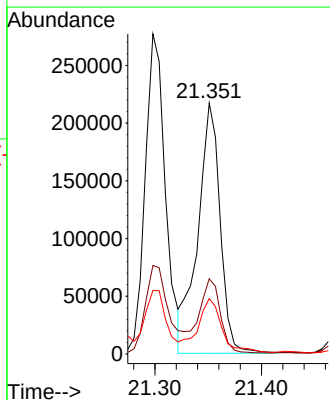
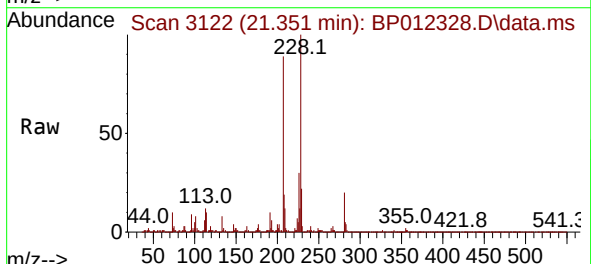
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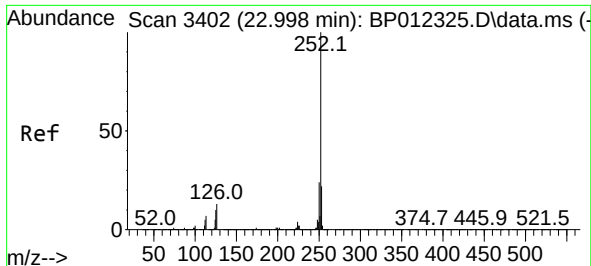
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#87
Chrysene
Concen: 2.802 ng/u1
RT: 21.351 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP012328.D
Acq: 26 Oct 2022 14:38

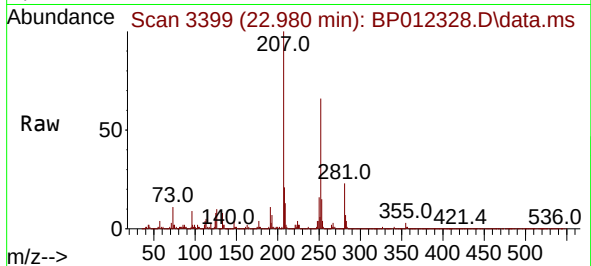
Tgt Ion:228 Resp: 317082
Ion Ratio Lower Upper
228 100
226 29.9 24.9 37.3
229 22.1 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 3.468 ng/ul
RT: 22.980 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP012328.D
Acq: 26 Oct 2022 14:38

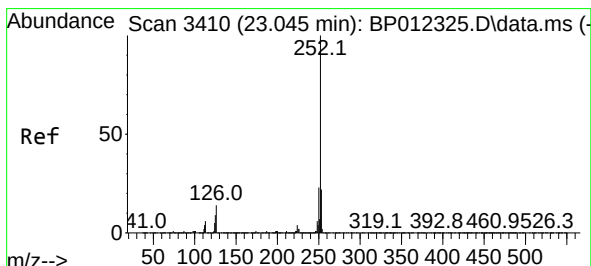
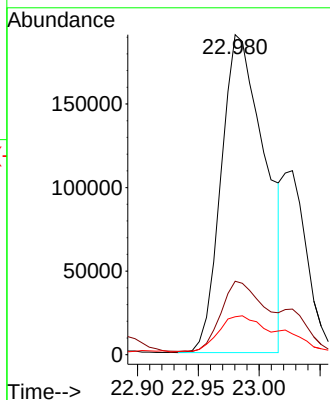
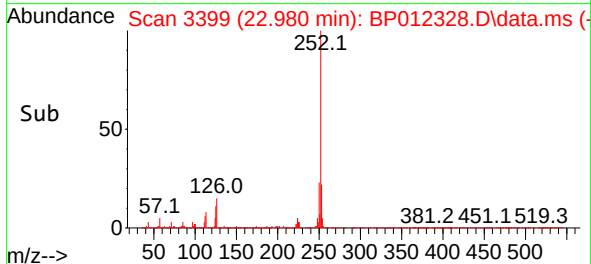
Instrument :
BNA_P
ClientSampleId :
BGNM2



Tgt Ion:252 Resp: 47668
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.9 8.7 13.1

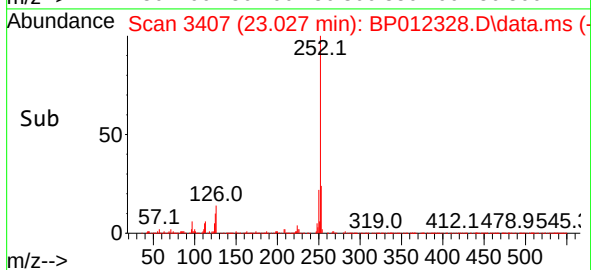
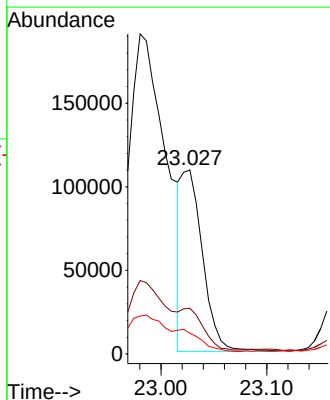
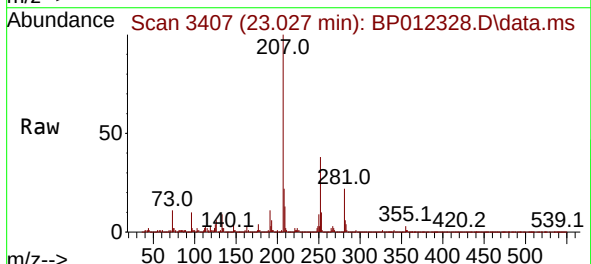
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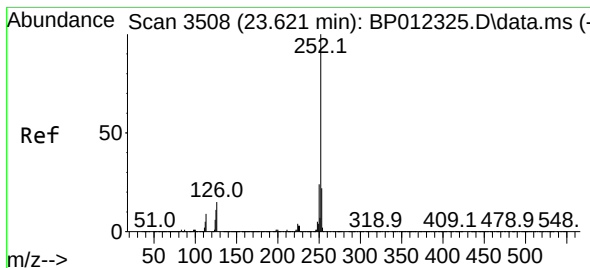
Reviewed By :Jagrut Upadhyay 10/27/2022
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#91
Benzo(k)fluoranthene
Concen: 1.155 ng/ul m
RT: 23.027 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP012328.D
Acq: 26 Oct 2022 14:38

Tgt Ion:252 Resp: 151226
Ion Ratio Lower Upper
252 100
253 24.8 18.0 27.0
125 11.3 8.7 13.1





#93

Benzo(a)pyrene

Concen: 2.840 ng/ul

RT: 23.610 min Scan# 3508

Delta R.T. -0.000 min

Lab File: BP012328.D

Acq: 26 Oct 2022 14:38

Instrument :

BNA_P

ClientSampleId :

BGNM2

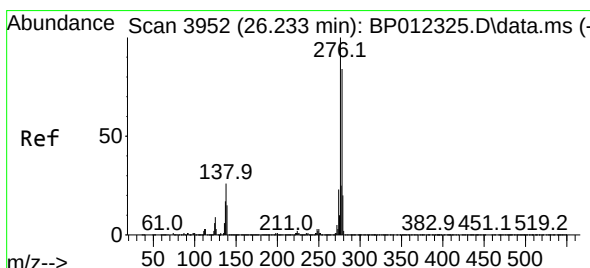
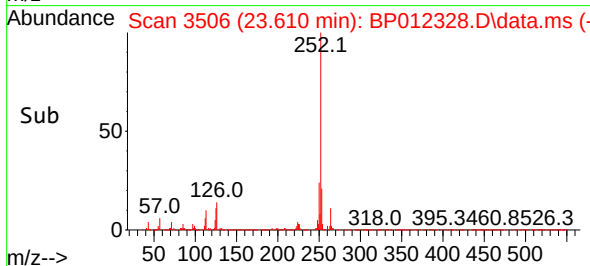
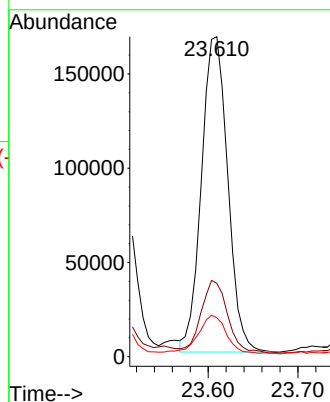
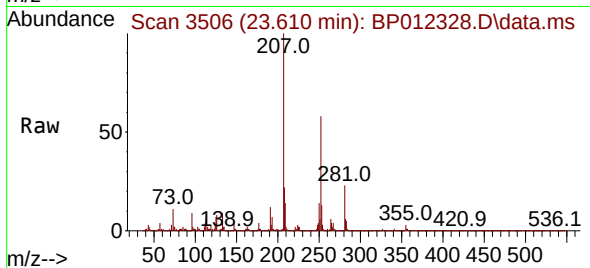
Tgt Ion:252 Resp: 34084

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	12.1	9.4	14.0

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.508 ng/ul

RT: 26.198 min Scan# 3946

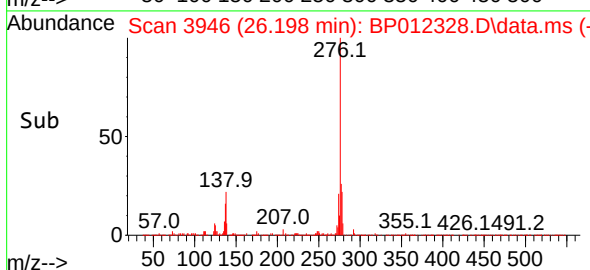
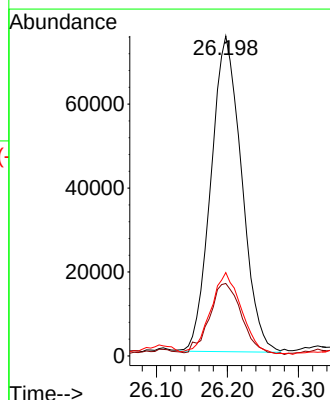
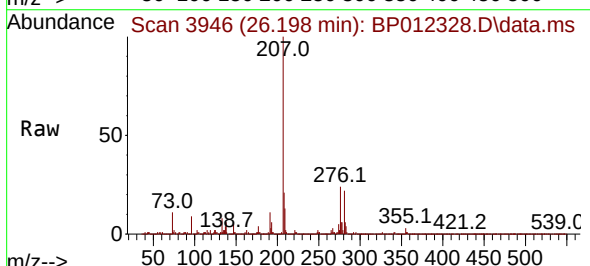
Delta R.T. -0.005 min

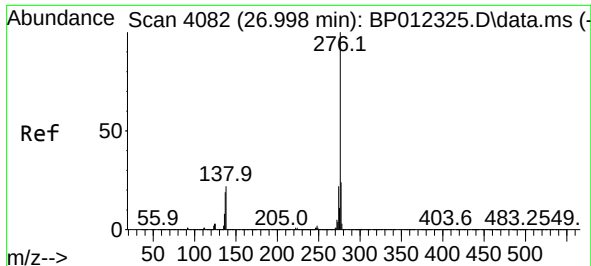
Lab File: BP012328.D

Acq: 26 Oct 2022 14:38

Tgt Ion:276 Resp: 225510

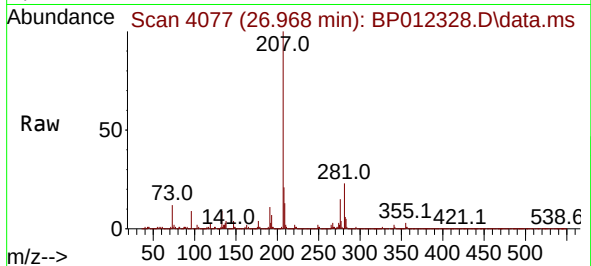
Ion	Ratio	Lower	Upper
276	100		
138	28.5	20.7	31.1
277	26.1	20.2	30.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.232 ng/ul
 RT: 26.968 min Scan# 4077
 Delta R.T. -0.006 min
 Lab File: BP012328.D
 Acq: 26 Oct 2022 14:38

Instrument :
 BNA_P
 ClientSampleId :
 BGNM2



Tgt Ion: 276 Resp: 162900
 Ion Ratio Lower Upper
 276 100
 138 23.4 17.8 26.8
 277 23.0 19.5 29.3

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