

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012048.D
 Acq On : 11 Oct 2022 19:41
 Operator : CG/JU
 Sample : N4950-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB8T0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
 Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 12 00:23:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 11 23:54:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	207655	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	832754	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	473316	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	995430	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	1071226	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	1166089	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	14294	2.714	ng/uL	0.00
4) Pyridine-d5	3.734	84	37862m	2.703	ng/u1	0.03
7) Phenol-d5	7.028	99	234627	14.049	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	143400	15.127	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	202986	15.312	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	126083	9.829	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	85398	14.520	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	85471	14.332	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	168137	14.548	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	166896	9.799	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	519091	17.317	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	581340	15.683	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	45202	7.681	ng/u1	0.00
60) Fluorene-d10	15.498	176	496303	18.300	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	33374	6.349	ng/u1	0.00
73) Anthracene-d10	17.363	188	736640	17.042	ng/u1	0.00
81) Pyrene-d10	19.598	212	993016	18.094	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.609	264	1045825	18.449	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.304	178	166865	3.082	ng/u1	99
80) Fluoranthene	19.274	202	500567	7.444	ng/u1	99
82) Pyrene	19.627	202	447203	6.284	ng/u1	98
85) Benzo(a)anthracene	21.333	228	281675	4.177	ng/u1	99
87) Chrysene	21.386	228	283915	4.374	ng/u1	98
90) Benzo(b)fluoranthene	23.027	252	398235	5.395	ng/u1#	95
91) Benzo(k)fluoranthene	23.074	252	133419m	1.838	ng/u1	
93) Benzo(a)pyrene	23.662	252	272364	4.136	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	26.280	276	188521	2.264	ng/u1	100
96) Benzo(g,h,i)perylene	27.050	276	163556	2.179	ng/u1#	93

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

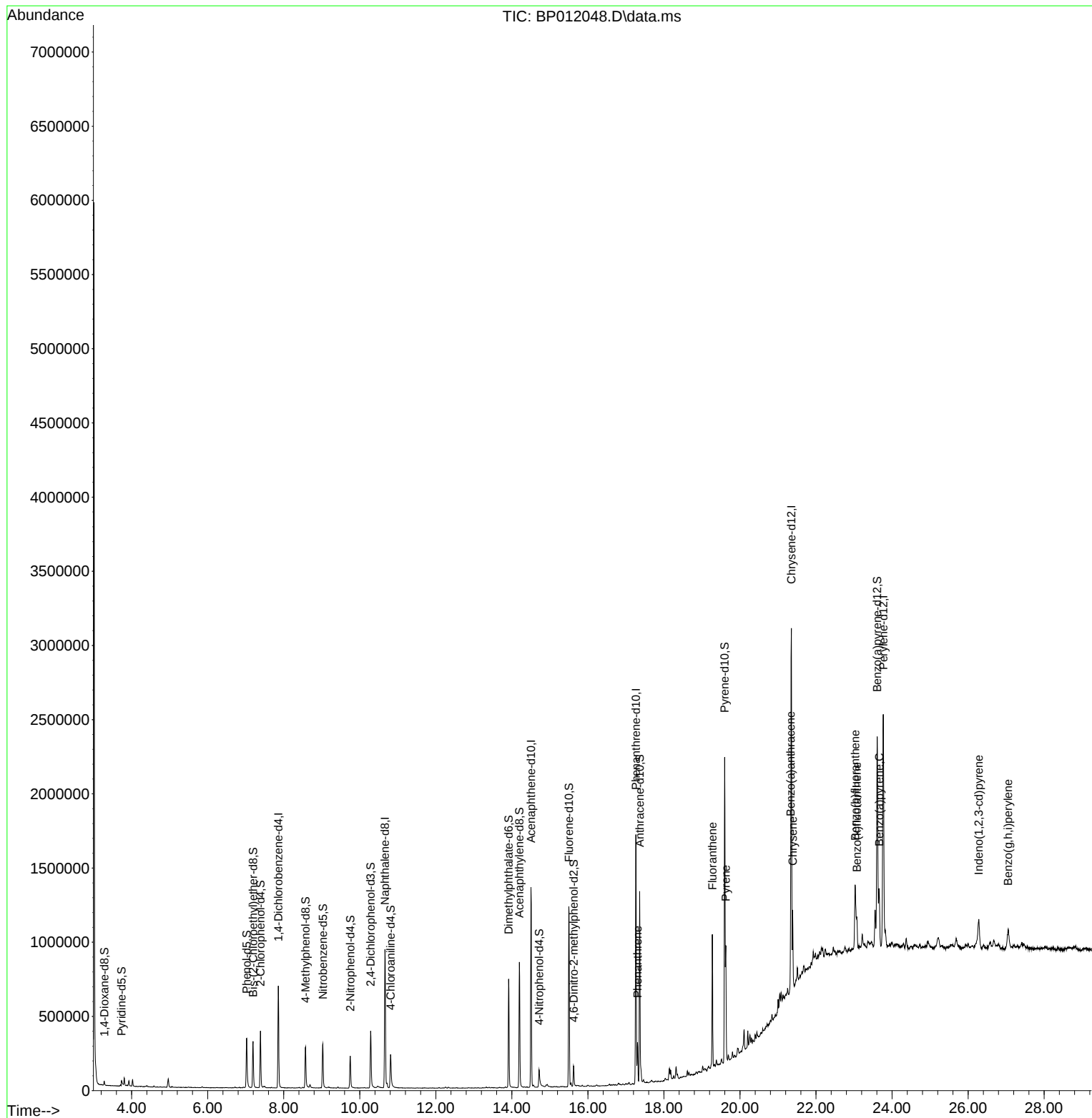
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012048.D
Acq On : 11 Oct 2022 19:41
Operator : CG/JU
Sample : N4950-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

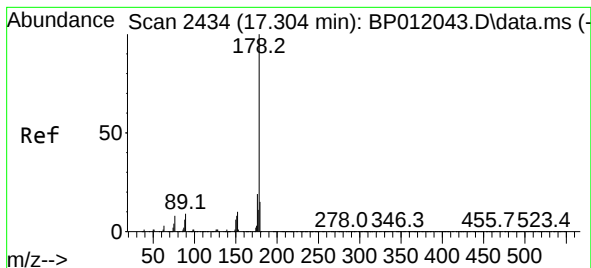
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 23:54:43 2022
Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.082 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP012048.D

Acq: 11 Oct 2022 19:41

Instrument :

BNA_P

ClientSampleId :

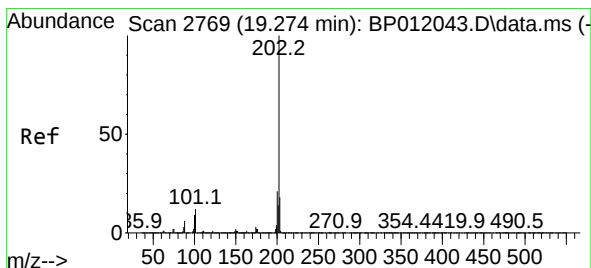
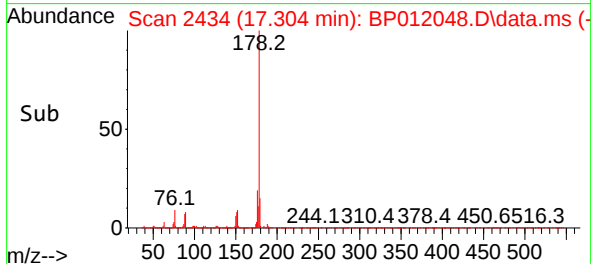
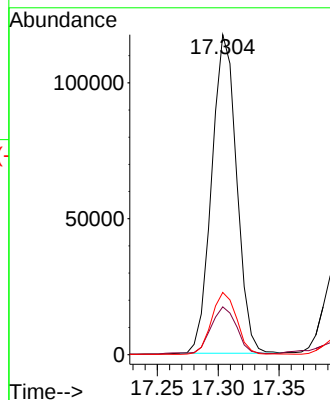
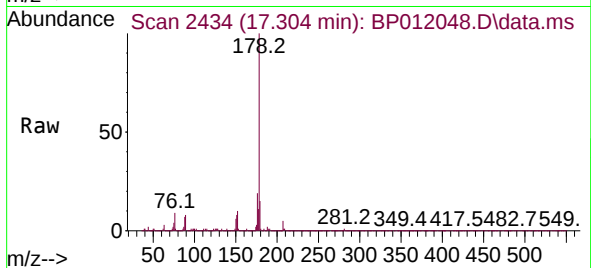
CB8T0

Tgt Ion:178	Resp: 166865
Ion Ratio	Lower Upper
178 100	
179 14.9	12.2 18.4
176 19.4	15.8 23.6

Manual Integrations

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#80

Fluoranthene

Concen: 7.444 ng/ul

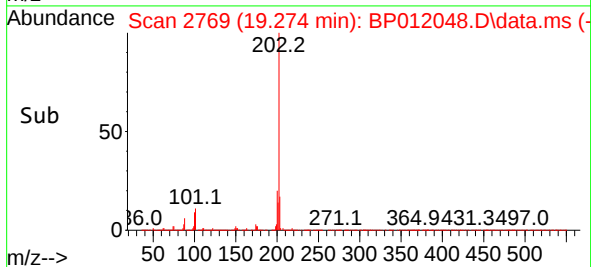
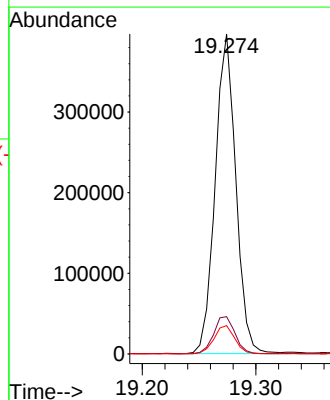
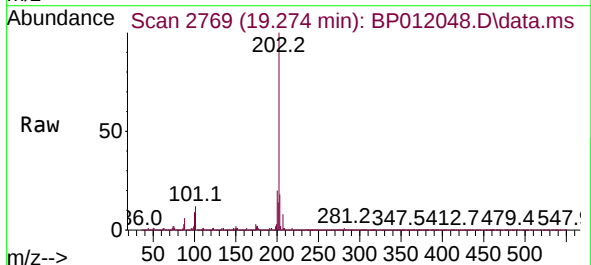
RT: 19.274 min Scan# 2769

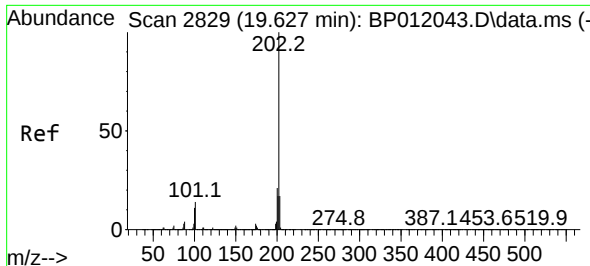
Delta R.T. -0.000 min

Lab File: BP012048.D

Acq: 11 Oct 2022 19:41

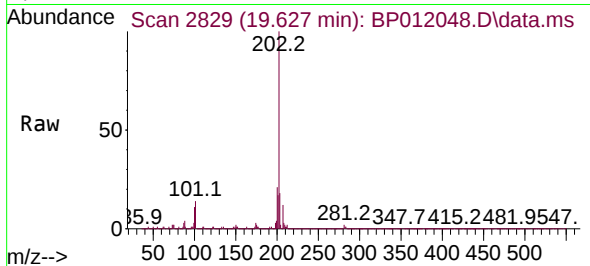
Tgt Ion:202	Resp: 500567
Ion Ratio	Lower Upper
202 100	
101 11.6	9.0 13.6
100 8.8	7.0 10.6





#82
Pyrene
Concen: 6.284 ng/ul
RT: 19.627 min Scan# 2829
Delta R.T. -0.000 min
Lab File: BP012048.D
Acq: 11 Oct 2022 19:41

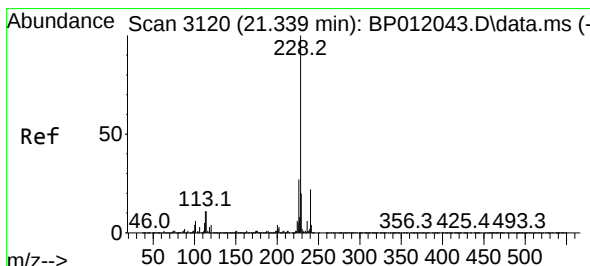
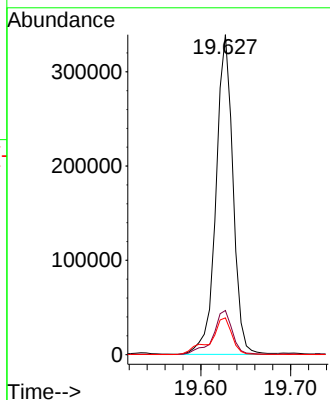
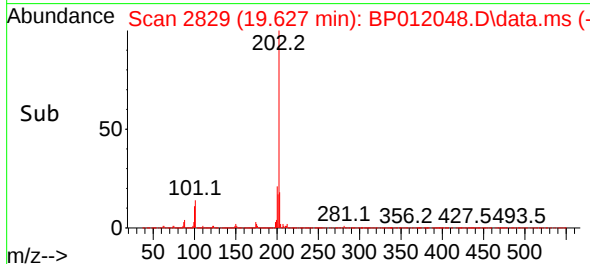
Instrument :
BNA_P
ClientSampleId :
CB8T0



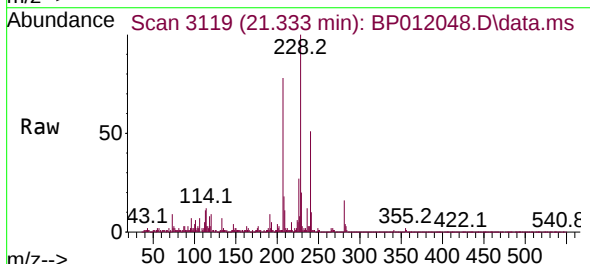
Tgt Ion:202 Resp: 447203
Ion Ratio Lower Upper
202 100
101 13.8 10.4 15.6
100 11.5 8.5 12.7

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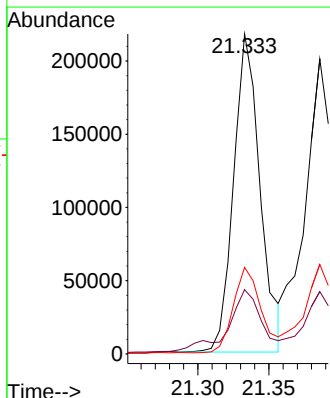
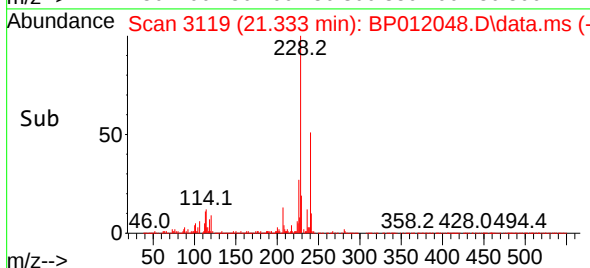
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/14/2022

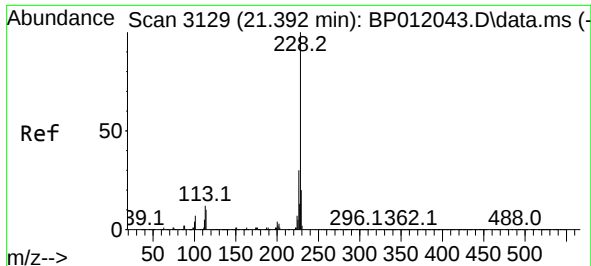


#85
Benzo(a)anthracene
Concen: 4.177 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP012048.D
Acq: 11 Oct 2022 19:41



Tgt Ion:228 Resp: 281675
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 27.0 21.9 32.9





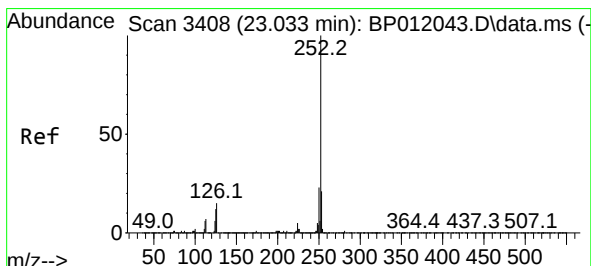
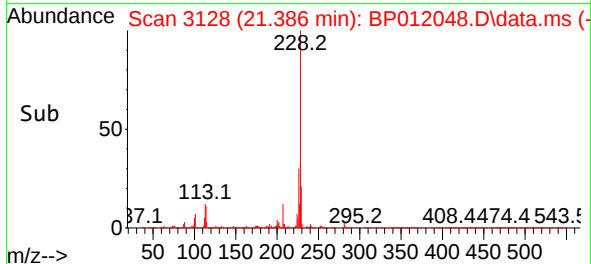
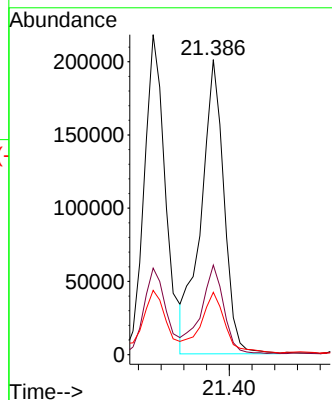
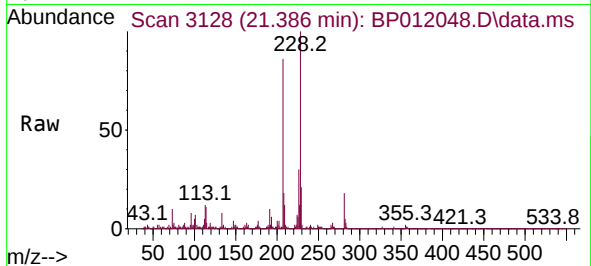
#87
Chrysene
Concen: 4.374 ng/ul
RT: 21.386 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP012048.D
Acq: 11 Oct 2022 19:41

Instrument :
BNA_P
ClientSampleId :
CB8T0

Tgt Ion:228 Resp: 283915
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.1 15.5 23.3

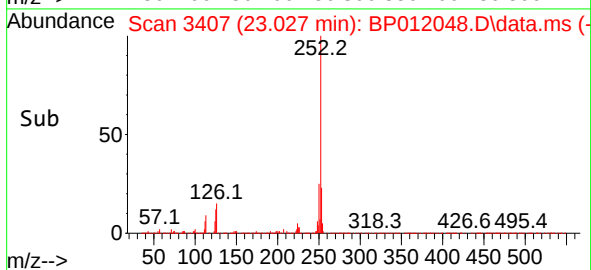
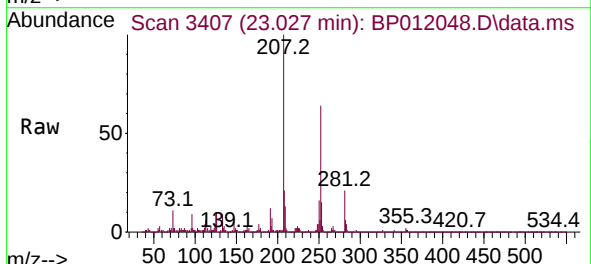
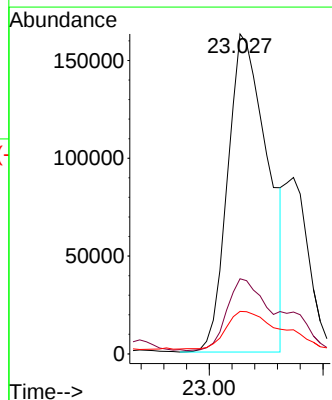
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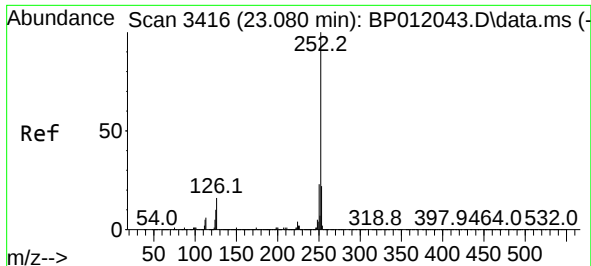
Reviewed By :Jagrut Upadhyay 10/12/2022
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#90
Benzo(b)fluoranthene
Concen: 5.395 ng/ul
RT: 23.027 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP012048.D
Acq: 11 Oct 2022 19:41

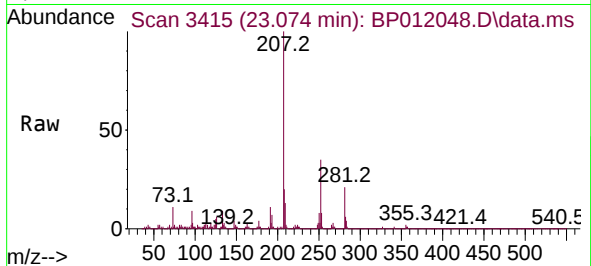
Tgt Ion:252 Resp: 398235
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 13.3 7.8 11.8





#91
Benzo(k)fluoranthene
Concen: 1.838 ng/ul m
RT: 23.074 min Scan# 3416
Delta R.T. -0.006 min
Lab File: BP012048.D
Acq: 11 Oct 2022 19:41

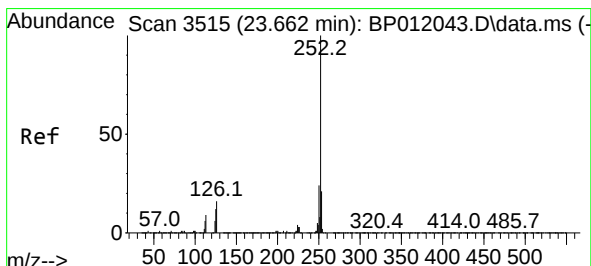
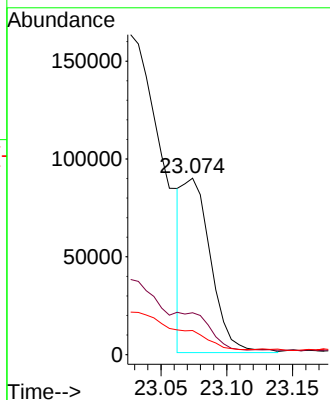
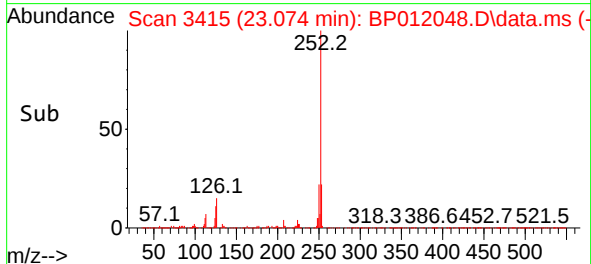
Instrument :
BNA_P
ClientSampleId :
CB8T0



Tgt Ion:252 Resp: 133419
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 13.6 8.2 12.2

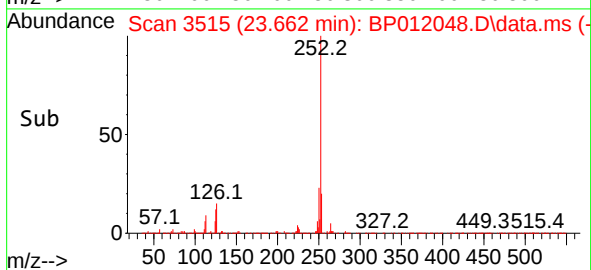
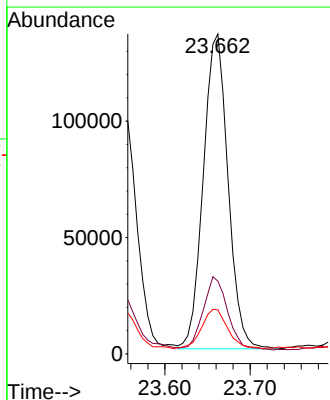
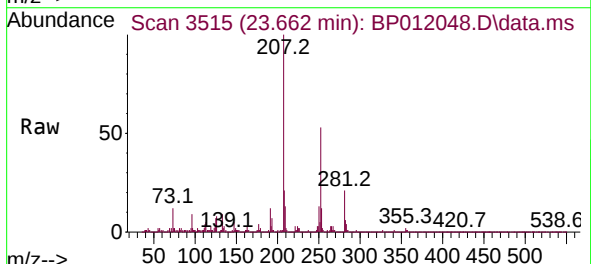
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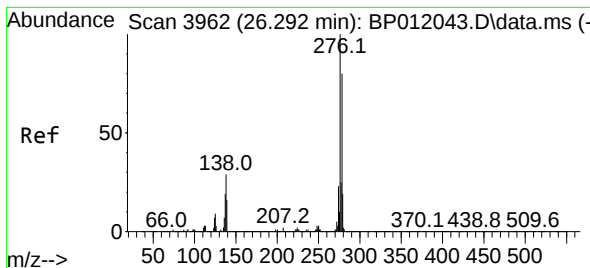
Reviewed By :Jagrut Upadhyay 10/12/2022
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#93
Benzo(a)pyrene
Concen: 4.136 ng/ul
RT: 23.662 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BP012048.D
Acq: 11 Oct 2022 19:41

Tgt Ion:252 Resp: 272364
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 13.8 8.9 13.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.264 ng/ul

RT: 26.280 min Scan# 3962

Delta R.T. -0.012 min

Lab File: BP012048.D

Acq: 11 Oct 2022 19:41

Instrument :

BNA_P

ClientSampleId :

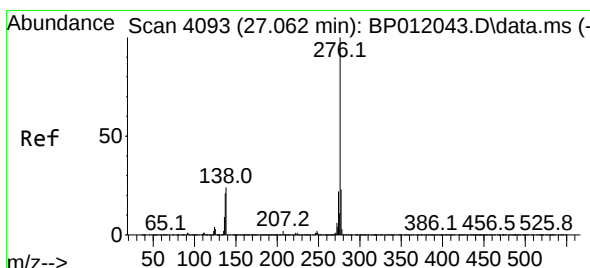
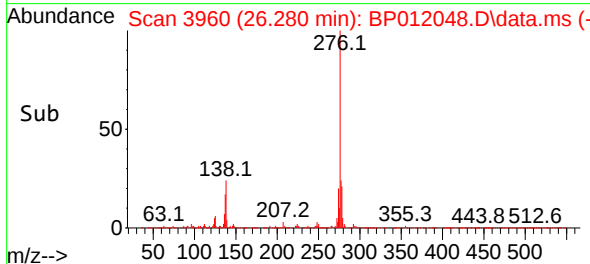
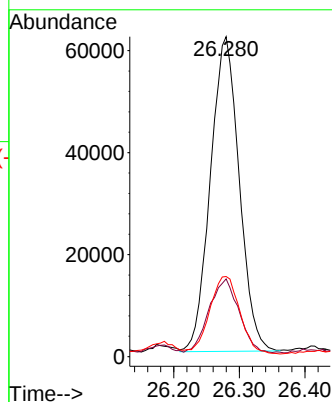
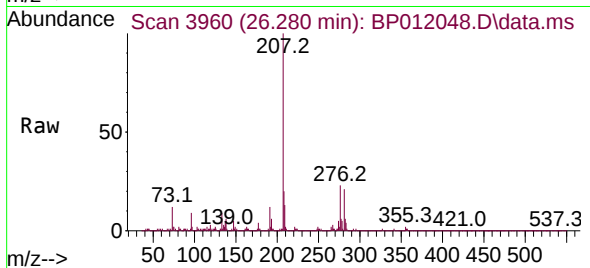
CB8T0

Tgt Ion:	276	Resp:	18852
Ion Ratio	Lower	Upper	
276	100		
138	24.3	19.1	28.7
277	25.0	19.9	29.9

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 2.179 ng/ul

RT: 27.050 min Scan# 4091

Delta R.T. -0.012 min

Lab File: BP012048.D

Acq: 11 Oct 2022 19:41

Tgt Ion:	276	Resp:	163556
Ion Ratio	Lower	Upper	
276	100		
138	26.9	16.5	24.7#
277	24.3	19.0	28.4

