

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102523\
 Data File : BP017813.D
 Acq On : 25 Oct 2023 21:32
 Operator : MA/JU
 Sample : 04953-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAS2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

Quant Time: Oct 26 05:45:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	137855	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	510028	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.575	164	287645	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	588256	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	524386	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	547545	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	17103	4.615	ng/uL	0.02
4) Pyridine-d5	3.728	84	17257m	1.779	ng/u1	0.04
7) Phenol-d5	7.046	99	264426	23.051	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	178558	25.204	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	222515	23.782	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	135534	15.045	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	104278	25.232	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.805	143	110840	24.273	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	184278	20.573	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	181084	15.448	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	591689	24.504	ng/u1	-0.01
49) Acenaphthylene-d8	14.275	160	642725	23.867	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	53540	15.561	ng/u1	0.00
60) Fluorene-d10	15.581	176	502732	24.085	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.728	200	62335	16.087	ng/u1	0.00
73) Anthracene-d10	17.469	188	729278	24.260	ng/u1	0.00
81) Pyrene-d10	19.728	212	903309	27.476	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	798127	26.171	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.746	105	34145	2.411	ng/u1	92
72) Phenanthrene	17.410	178	108786	3.157	ng/u1	100
80) Fluoranthene	19.398	202	245218	6.492	ng/u1	99
82) Pyrene	19.757	202	203518	5.086	ng/u1	98
85) Benzo(a)anthracene	21.492	228	112001	2.810	ng/u1	99
87) Chrysene	21.551	228	122265m	3.243	ng/u1	
90) Benzo(b)fluoranthene	23.269	252	143903	3.862	ng/u1#	97
91) Benzo(k)fluoranthene	23.322	252	57608	1.525	ng/u1#	95
93) Benzo(a)pyrene	23.945	252	85563	2.446	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.774	276	56331	1.351	ng/u1	95
96) Benzo(g,h,i)perylene	27.615	276	37847	1.127	ng/u1#	94

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

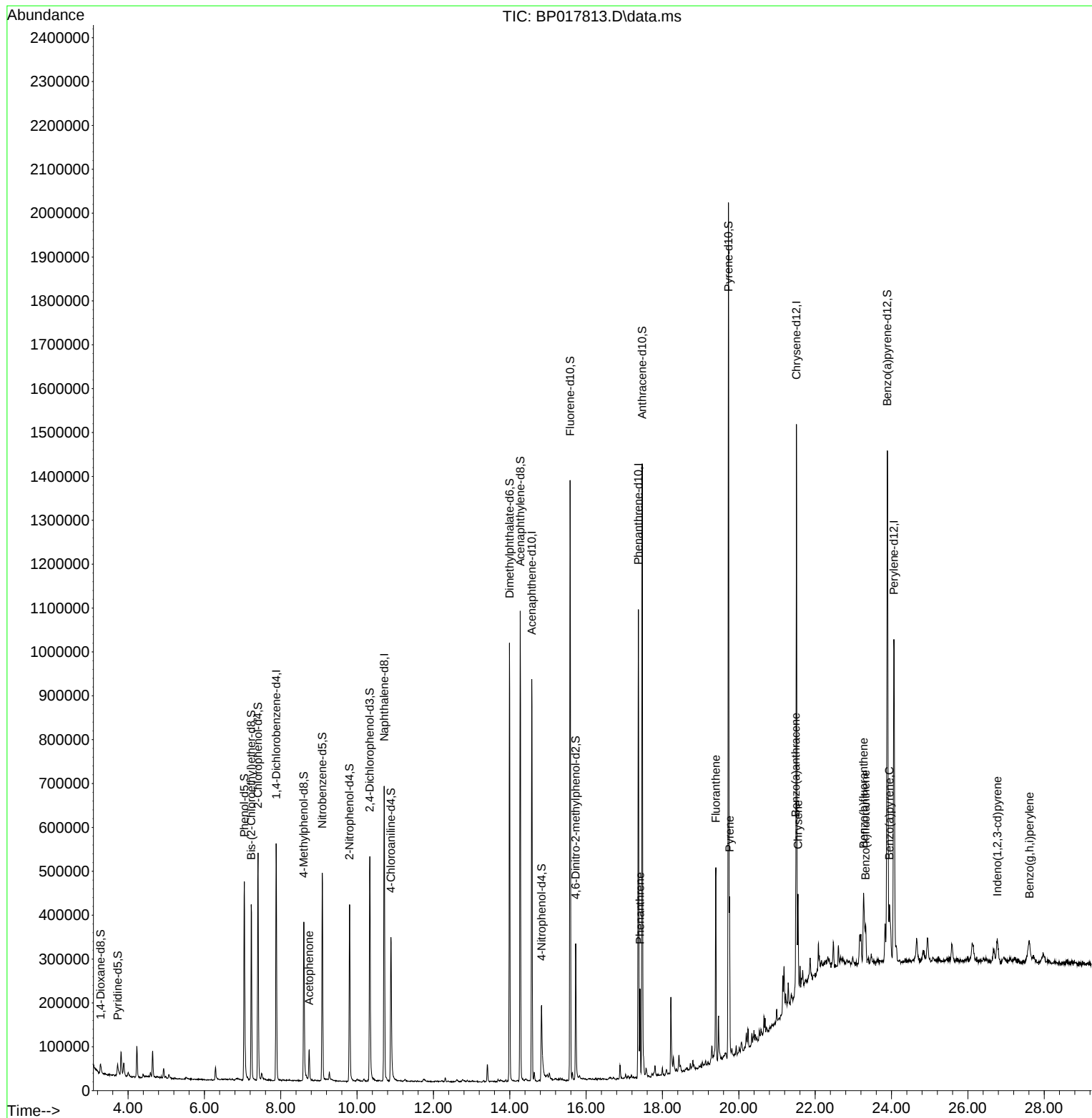
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102523\
Data File : BP017813.D
Acq On : 25 Oct 2023 21:32
Operator : MA/JU
Sample : 04953-03
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ALS Vial : 7 Sample Multiplier: 1

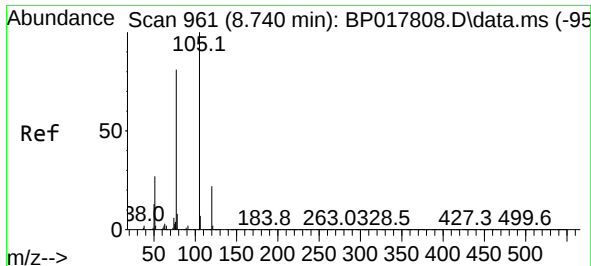
Instrument :
BNA_P
ClientSampleId :
EOAS2

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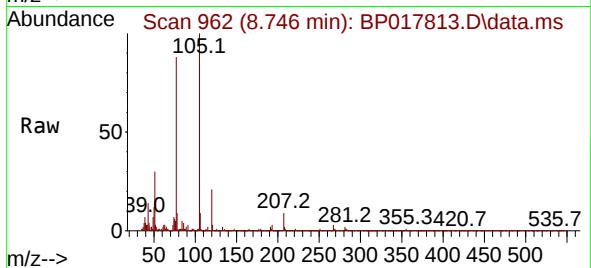
Quant Time: Oct 26 05:45:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.411 ng/ul
RT: 8.746 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP017813.D
Acq: 25 Oct 2023 21:32

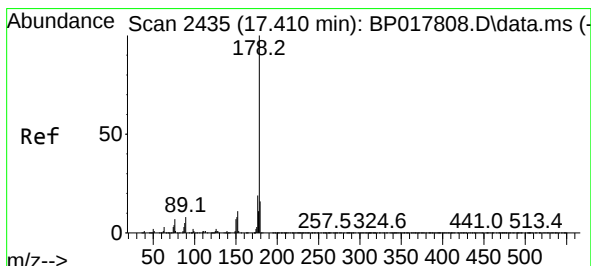
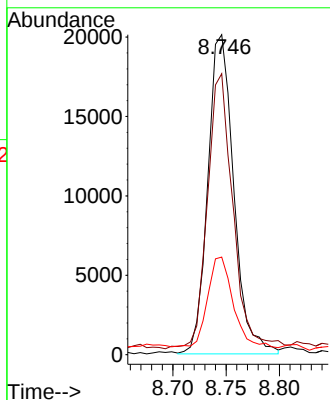
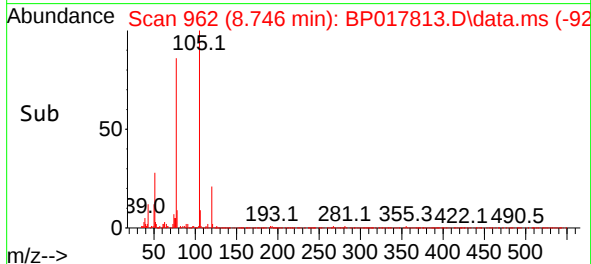
Instrument :
BNA_P
ClientSampleId :
EOAS2



Tgt Ion:105 Resp: 3414
Ion Ratio Lower Upper
105 100
77 87.8 64.4 96.6
51 30.5 21.2 31.8

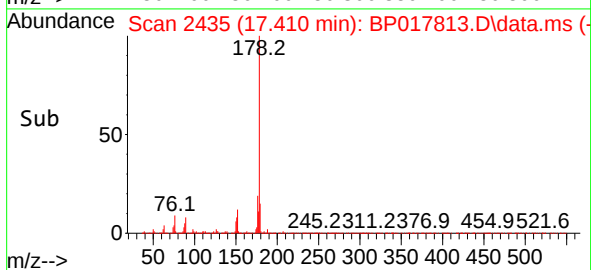
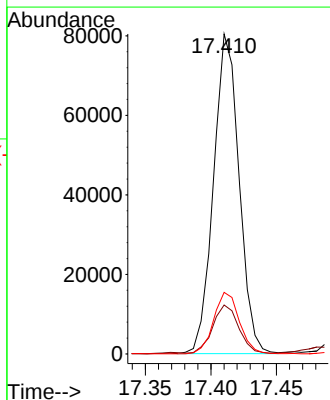
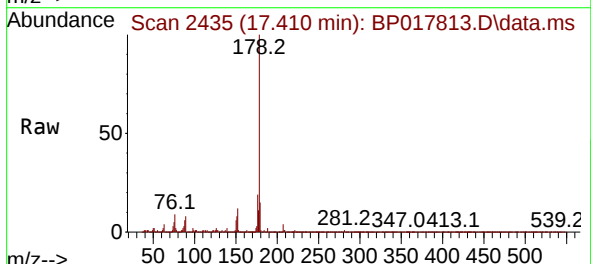
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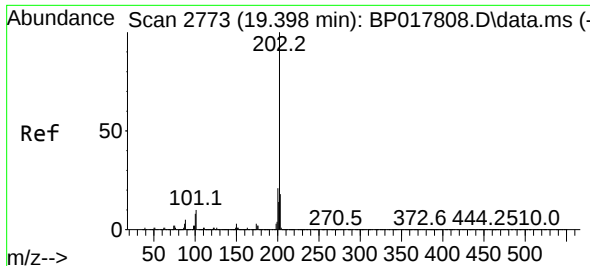
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#72
Phenanthrene
Concen: 3.157 ng/ul
RT: 17.410 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP017813.D
Acq: 25 Oct 2023 21:32

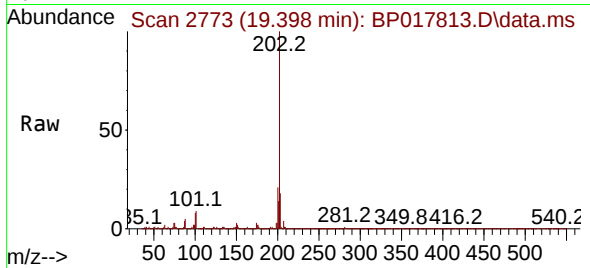
Tgt Ion:178 Resp: 108786
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.3 15.3 22.9





#80
Fluoranthene
Concen: 6.492 ng/u1
RT: 19.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017813.D
Acq: 25 Oct 2023 21:32

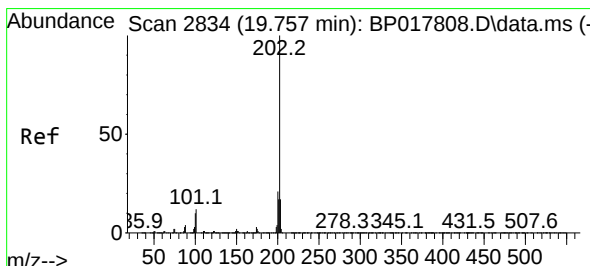
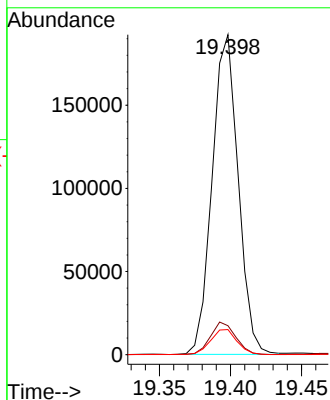
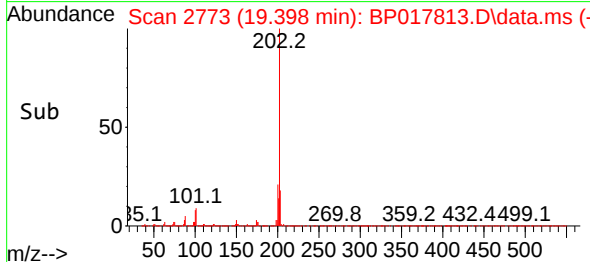
Instrument :
BNA_P
ClientSampleId :
EOAS2



Tgt Ion:202 Resp: 245218
Ion Ratio Lower Upper
202 100
101 9.1 7.1 10.7
100 7.8 5.7 8.5

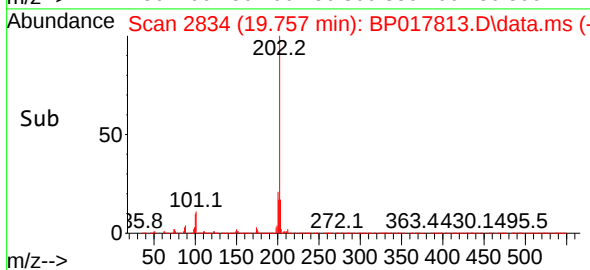
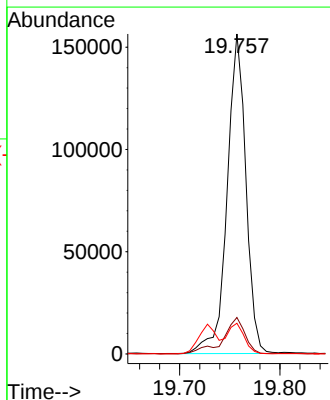
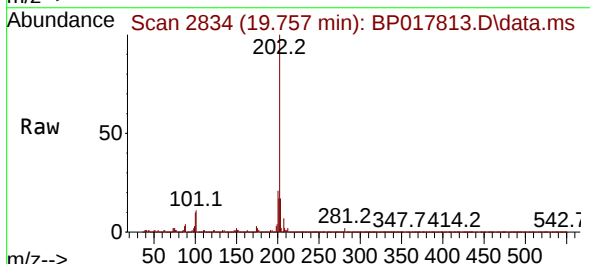
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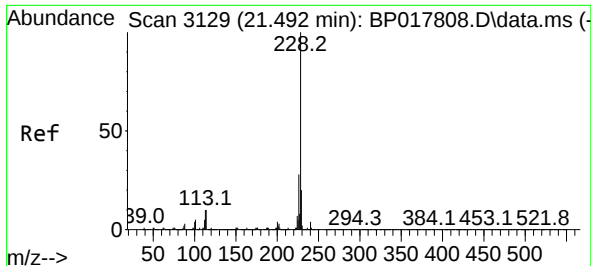
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#82
Pyrene
Concen: 5.086 ng/u1
RT: 19.757 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BP017813.D
Acq: 25 Oct 2023 21:32

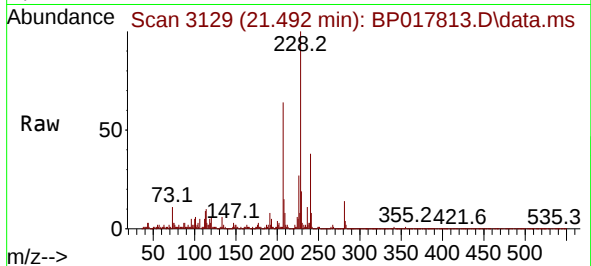
Tgt Ion:202 Resp: 203518
Ion Ratio Lower Upper
202 100
101 11.4 8.3 12.5
100 9.6 7.4 11.0





#85
Benzo(a)anthracene
Concen: 2.810 ng/ul
RT: 21.492 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP017813.D
Acq: 25 Oct 2023 21:32

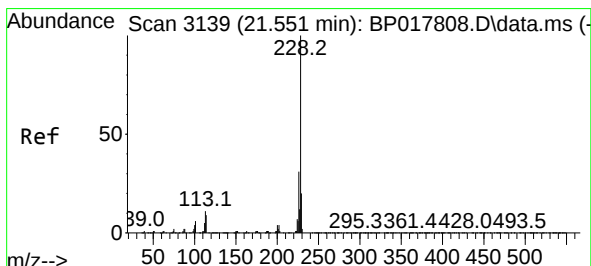
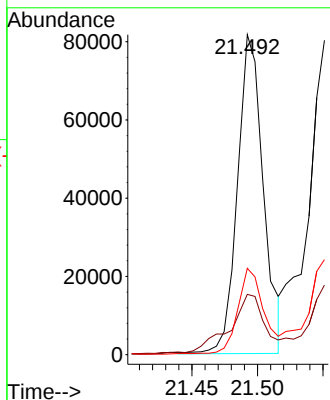
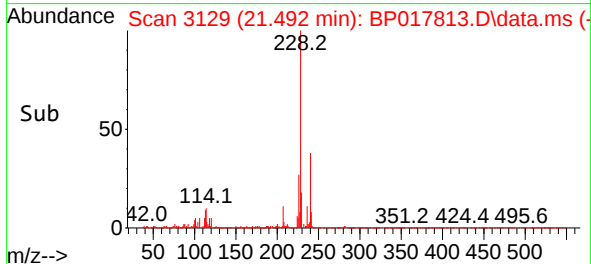
Instrument :
BNA_P
ClientSampleId :
EOAS2



Tgt Ion:228 Resp: 11200
Ion Ratio Lower Upper
228 100
229 18.9 15.6 23.4
226 27.0 21.1 31.7

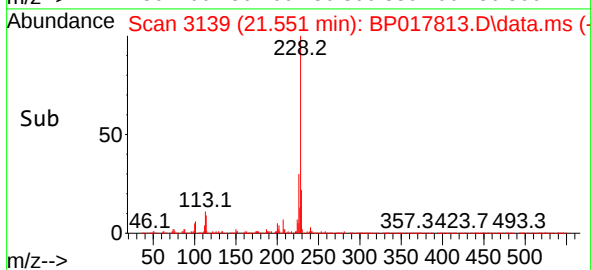
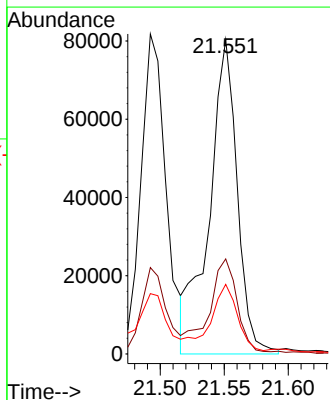
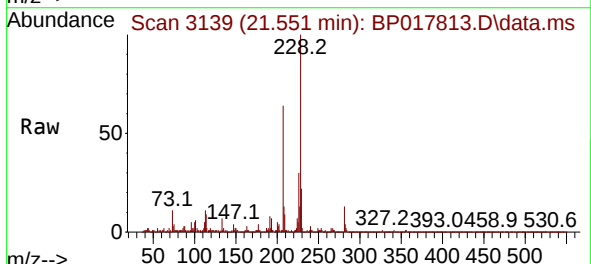
Manual Integrations
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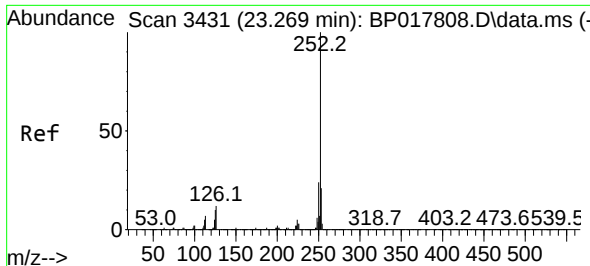
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#87
Chrysene
Concen: 3.243 ng/ul m
RT: 21.551 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BP017813.D
Acq: 25 Oct 2023 21:32

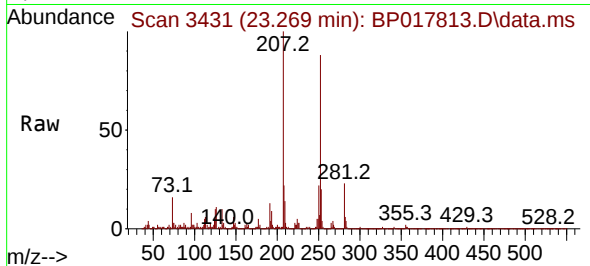
Tgt Ion:228 Resp: 122265
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 22.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 3.862 ng/ul
RT: 23.269 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BP017813.D
Acq: 25 Oct 2023 21:32

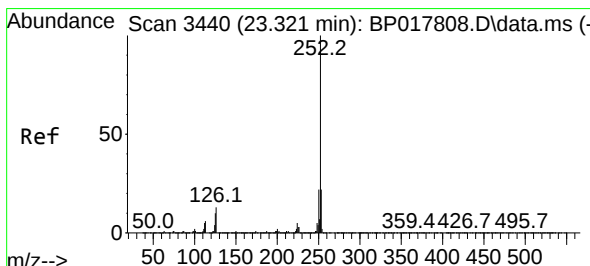
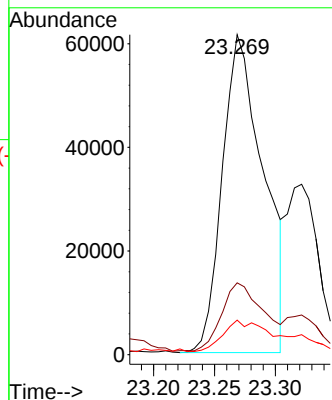
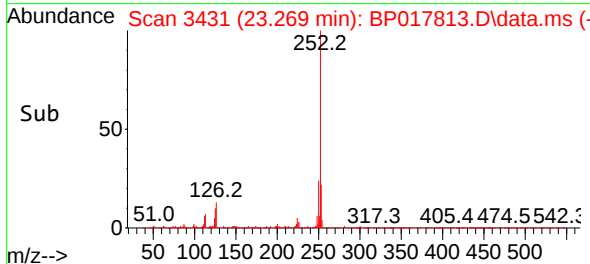
Instrument :
BNA_P
ClientSampleId :
EOAS2



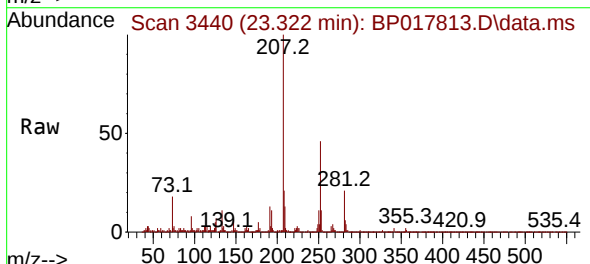
Tgt Ion:252 Resp: 14390
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 10.8 7.1 10.7

Manual Integrations
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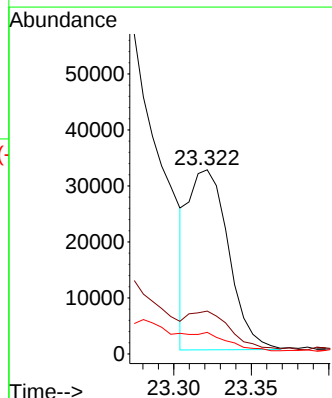
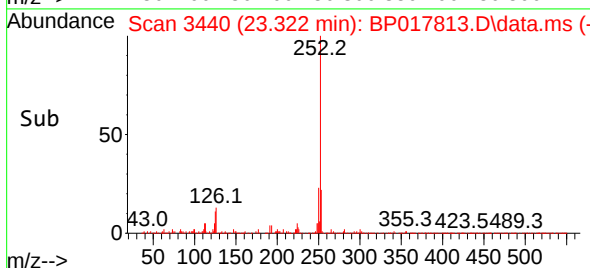
Reviewed By :Yogesh Patel 10/27/2023
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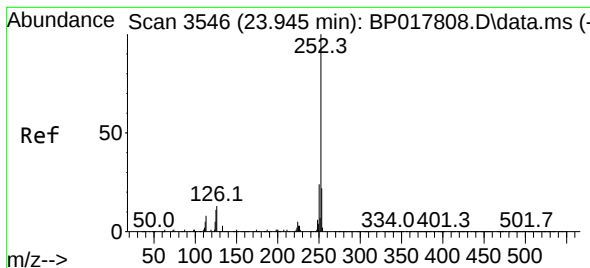


#91
Benzo(k)fluoranthene
Concen: 1.525 ng/ul
RT: 23.322 min Scan# 3440
Delta R.T. -0.006 min
Lab File: BP017813.D
Acq: 25 Oct 2023 21:32



Tgt Ion:252 Resp: 57608
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 11.8 7.0 10.6





#93

Benzo(a)pyrene

Concen: 2.446 ng/ul

RT: 23.945 min Scan# 3546

Delta R.T. -0.012 min

Lab File: BP017813.D

Acq: 25 Oct 2023 21:32

Instrument :

BNA_P

ClientSampleId :

EOAS2

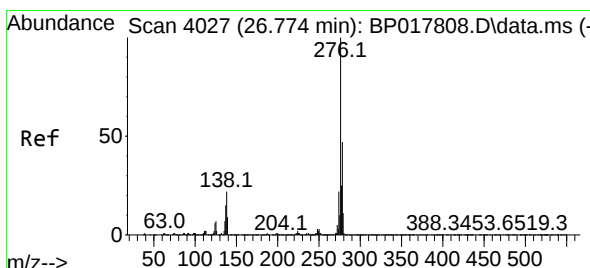
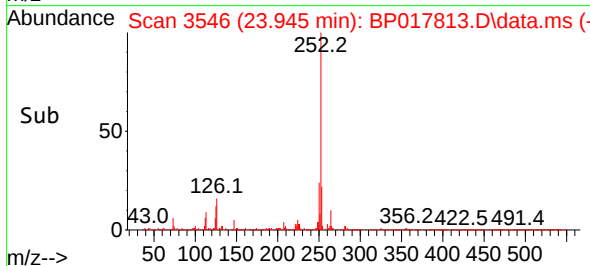
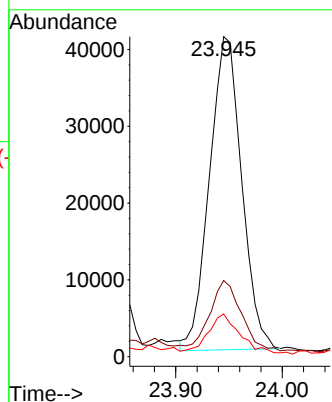
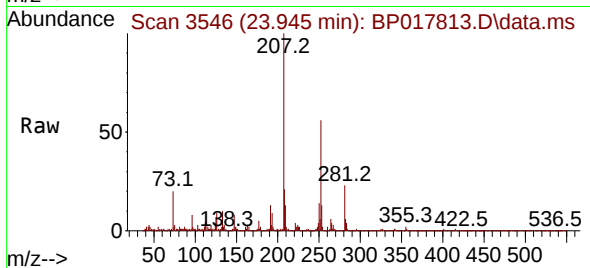
Tgt Ion:	252	Resp:	8556
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.4	26.2
125	13.4	7.8	11.6

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.351 ng/ul

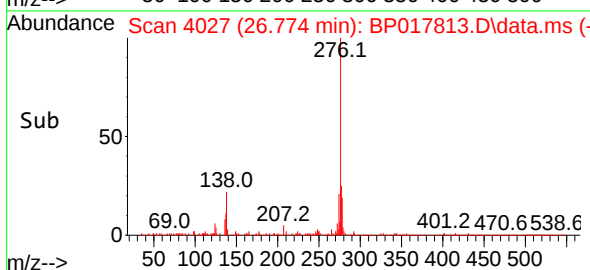
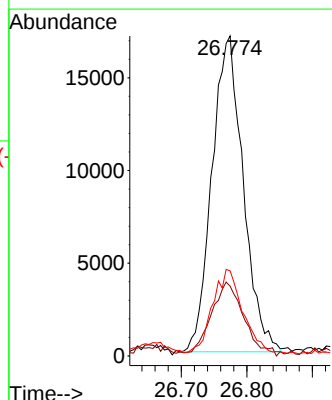
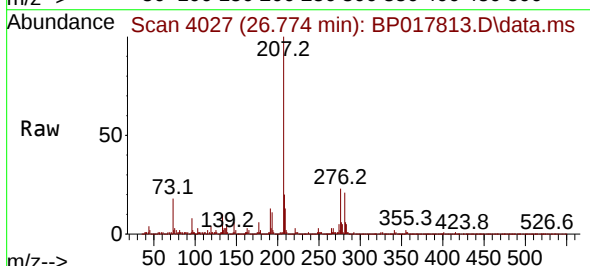
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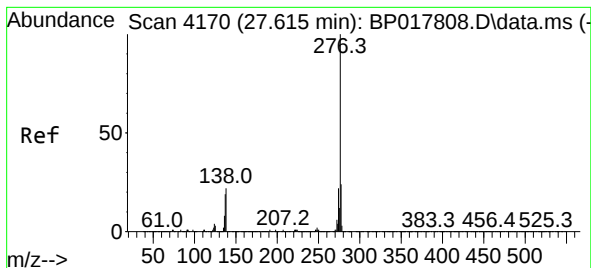
Delta R.T. -0.006 min

Lab File: BP017813.D

Acq: 25 Oct 2023 21:32

Tgt Ion:	276	Resp:	56331
Ion Ratio	Lower	Upper	
276	100		
138	21.8	15.6	23.4
277	26.6	19.4	29.2





#96

Benzo(g,h,i)perylene

Concen: 1.127 ng/ul

RT: 27.615 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP017813.D

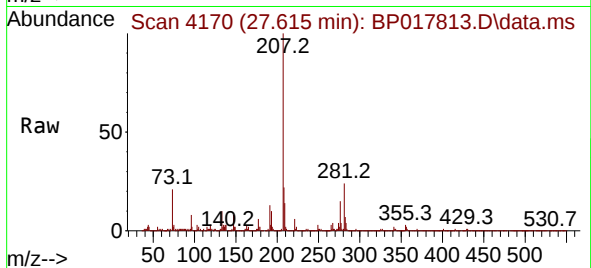
Acq: 25 Oct 2023 21:32

Instrument :

BNA_P

ClientSampleId :

EOAS2



Tgt Ion:276 Resp: 3784

Ion Ratio Lower Upper

276 100

138 23.0 15.0 22.6

277 24.4 18.5 27.7

Manual Integrations

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