

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102523\
 Data File : BP017812.D
 Acq On : 25 Oct 2023 20:58
 Operator : MA/JU
 Sample : 04953-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAS1

Manual Integrations
 APPROVED

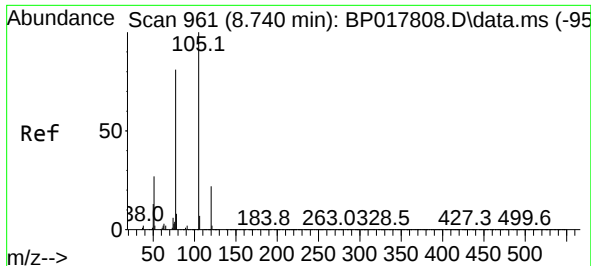
Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

Quant Time: Oct 26 05:41:47 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	120140	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	434482	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.575	164	243583	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	500097	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.510	240	455520	20.000	ng/u1	0.00
88) Perylene-d12	24.062	264	482057	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	16629	5.149	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.046	99	286765	28.684	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	185361	30.022	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	234756	28.790	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	226051	28.793	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	109460	31.091	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	120392	30.949	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	215399	28.228	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	207715	20.800	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	672478	32.887	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	717409	31.460	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	66356	22.775	ng/u1	0.00
60) Fluorene-d10	15.581	176	551959	31.227	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.728	200	78659	23.879	ng/u1	0.00
73) Anthracene-d10	17.469	188	829027	32.439	ng/u1	0.00
81) Pyrene-d10	19.727	212	1013553	35.490	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	928967	34.599	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.746	105	35177	2.850	ng/u1	95
72) Phenanthrene	17.410	178	190938	6.518	ng/u1	99
74) Anthracene	17.504	178	54501	1.837	ng/u1	96
80) Fluoranthene	19.398	202	419741	12.792	ng/u1	98
82) Pyrene	19.757	202	355330	10.221	ng/u1	97
85) Benzo(a)anthracene	21.492	228	160213	4.627	ng/u1	97
87) Chrysene	21.551	228	170760	5.214	ng/u1	98
90) Benzo(b)fluoranthene	23.268	252	186366m	5.681	ng/u1	
91) Benzo(k)fluoranthene	23.321	252	72083	2.168	ng/u1	97
93) Benzo(a)pyrene	23.945	252	137785	4.474	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.768	276	86218	2.349	ng/u1#	95
96) Benzo(g,h,i)perylene	27.615	276	66316	2.242	ng/u1	96

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



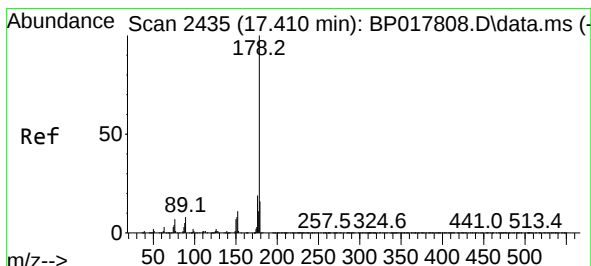
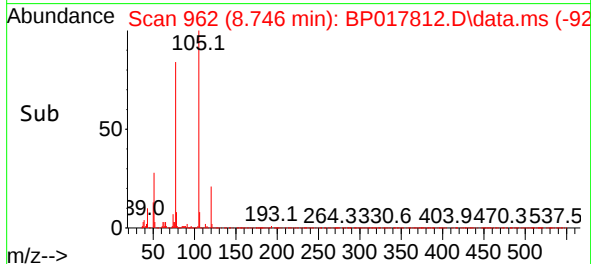
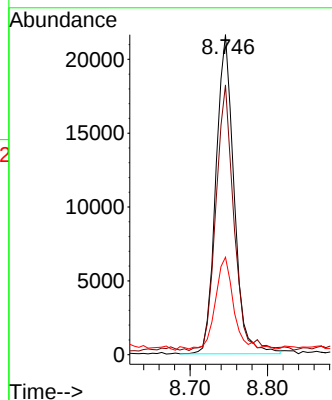
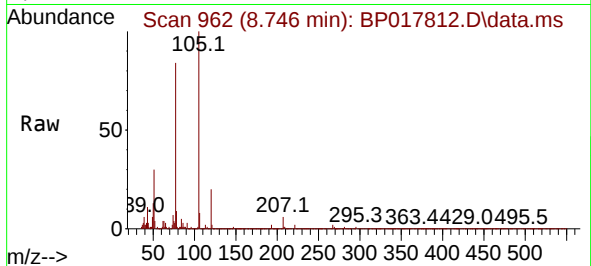
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Acetophenone
Concen: 2.850 ng/ul
RT: 8.746 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP017812.D
Acq: 25 Oct 2023 20:58

Instrument :
BNA_P
ClientSampleId :
EOAS1

Tgt Ion:105 Resp: 3517
Ion Ratio Lower Upper
105 100
77 84.3 64.4 96.6
51 30.4 21.2 31.8

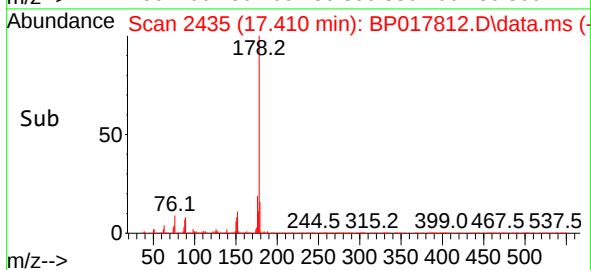
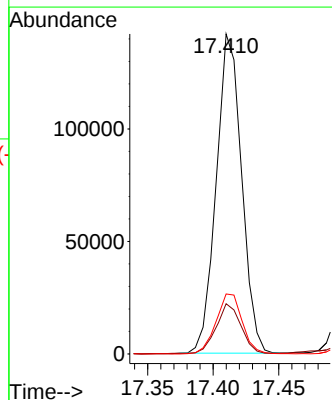
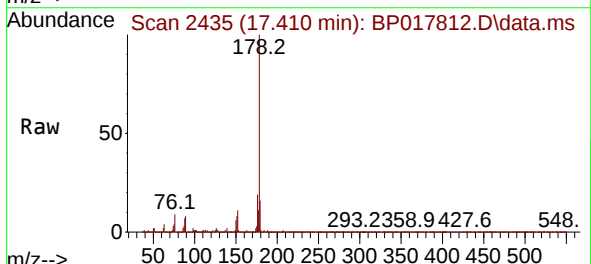
Manual Integrations
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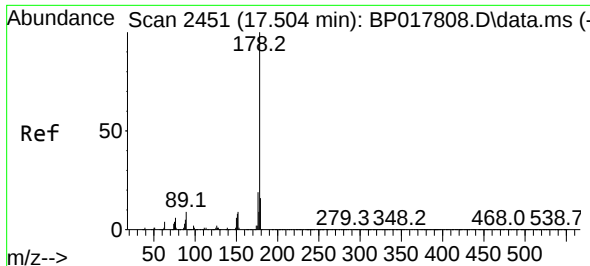
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#72
Phenanthrene
Concen: 6.518 ng/ul
RT: 17.410 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP017812.D
Acq: 25 Oct 2023 20:58

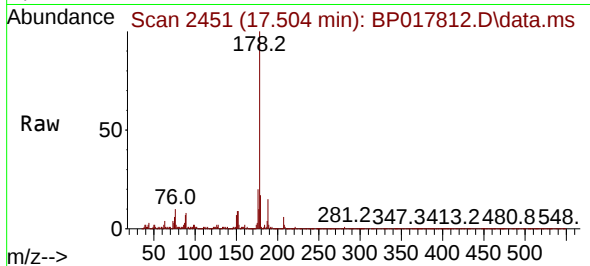
Tgt Ion:178 Resp: 190938
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 18.7 15.3 22.9





#74
 Anthracene
 Concen: 1.837 ng/ul
 RT: 17.504 min Scan# 2451
 Delta R.T. -0.006 min
 Lab File: BP017812.D
 Acq: 25 Oct 2023 20:58

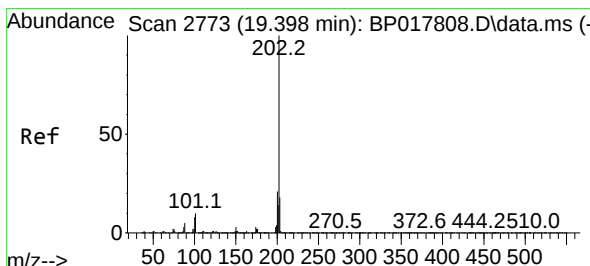
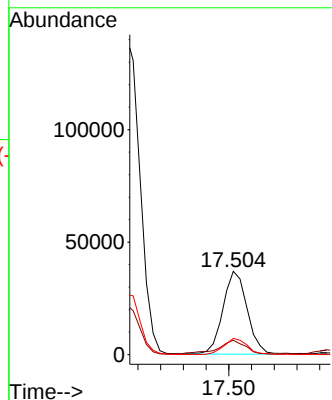
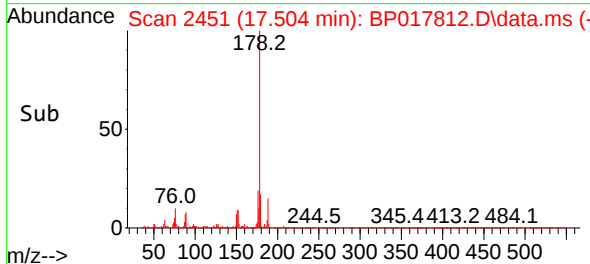
Instrument :
 BNA_P
 ClientSampleId :
 EOAS1



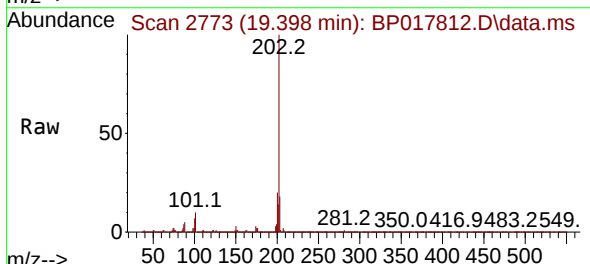
Tgt Ion:178 Resp: 54500
 Ion Ratio Lower Upper
 178 100
 179 17.3 12.0 18.0
 176 19.5 14.8 22.2

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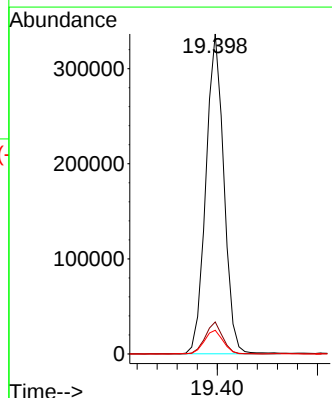
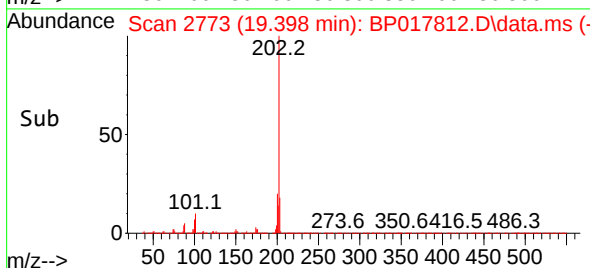
Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

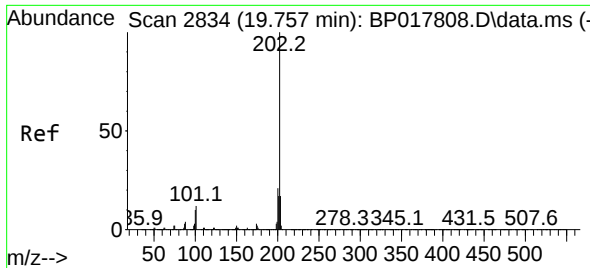


#80
 Fluoranthene
 Concen: 12.792 ng/ul
 RT: 19.398 min Scan# 2773
 Delta R.T. -0.006 min
 Lab File: BP017812.D
 Acq: 25 Oct 2023 20:58



Tgt Ion:202 Resp: 419741
 Ion Ratio Lower Upper
 202 100
 101 10.0 7.1 10.7
 100 7.4 5.7 8.5





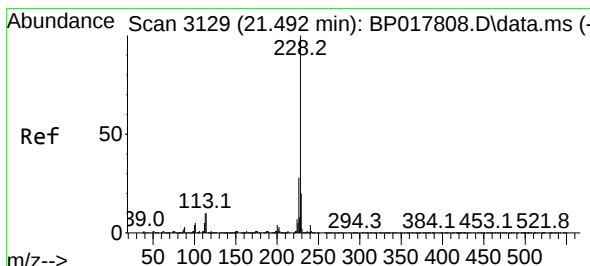
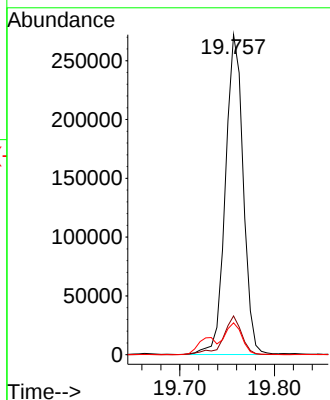
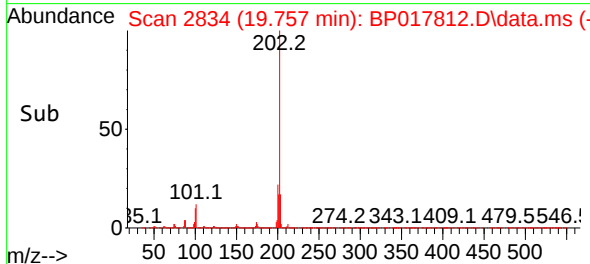
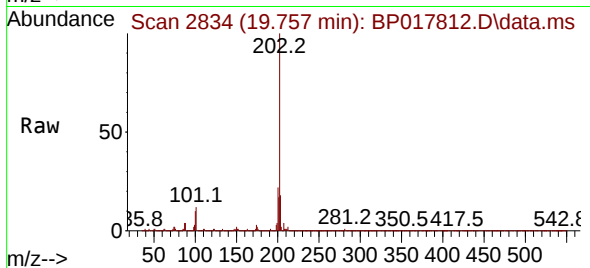
#82
Pyrene
Concen: 10.221 ng/ul
RT: 19.757 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BP017812.D
Acq: 25 Oct 2023 20:58

Instrument :
BNA_P
ClientSampleId :
EOAS1

Tgt Ion:202 Resp: 355330
Ion Ratio Lower Upper
202 100
101 12.1 8.3 12.5
100 10.0 7.4 11.0

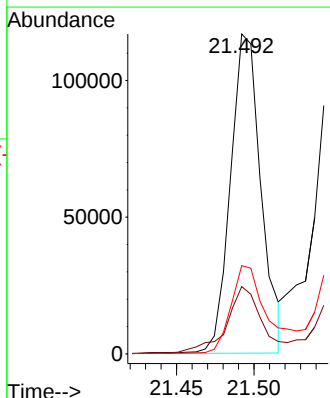
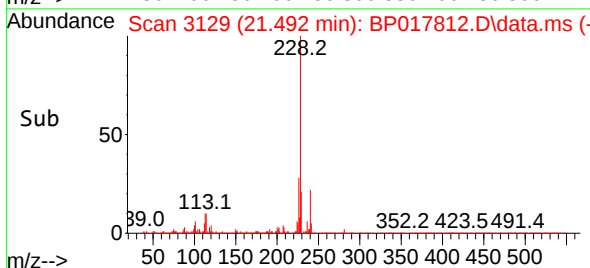
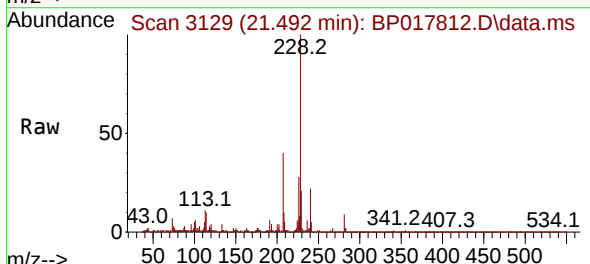
Manual Integrations
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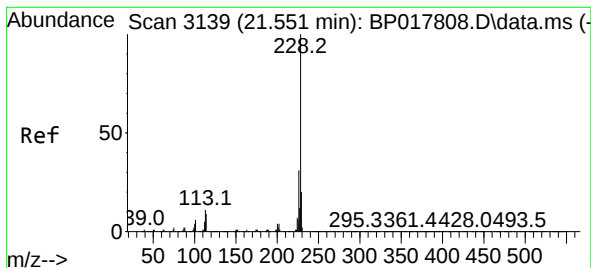
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#85
Benzo(a)anthracene
Concen: 4.627 ng/ul
RT: 21.492 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP017812.D
Acq: 25 Oct 2023 20:58

Tgt Ion:228 Resp: 160213
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 27.6 21.1 31.7





#87

Chrysene

Concen: 5.214 ng/ul

RT: 21.551 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP017812.D

Acq: 25 Oct 2023 20:58

Instrument :

BNA_P

ClientSampleId :

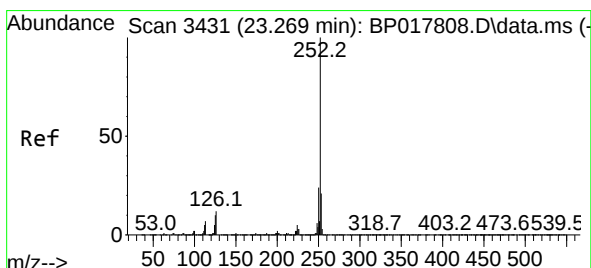
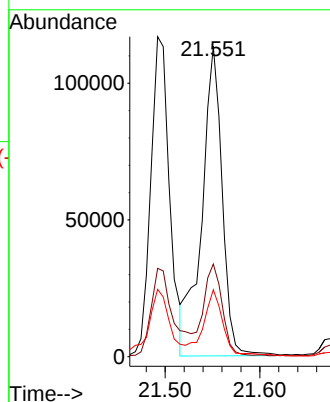
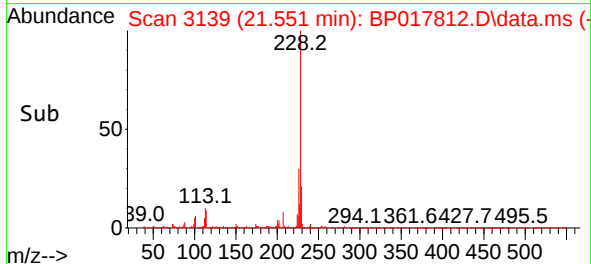
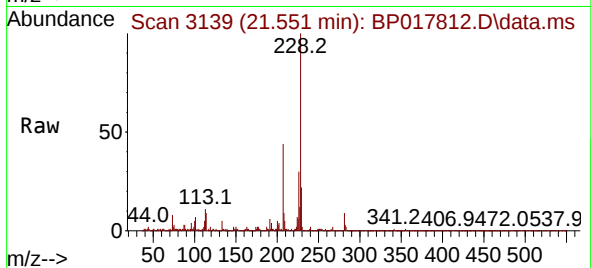
EOAS1

Tgt Ion:228 Resp: 170760
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.0 36.0
 229 21.5 15.5 23.3

Manual Integrations

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



#90

Benzo(b)fluoranthene

Concen: 5.681 ng/ul m

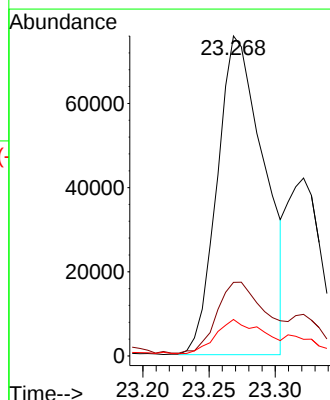
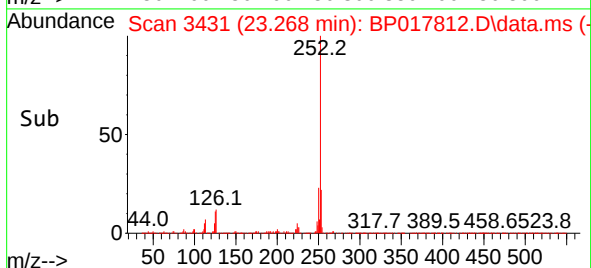
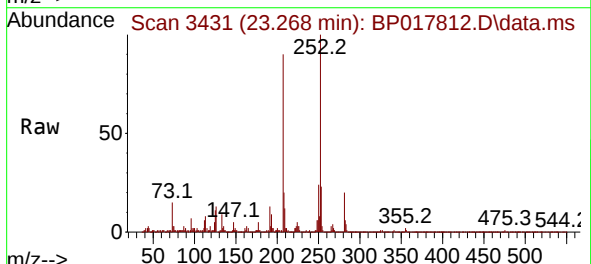
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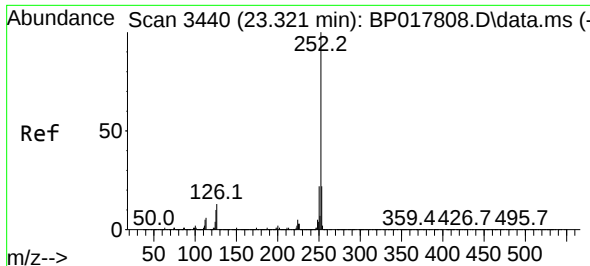
Delta R.T. -0.006 min

Lab File: BP017812.D

Acq: 25 Oct 2023 20:58

Tgt Ion:252 Resp: 186366
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.4 26.0
 125 11.4 7.1 10.7#





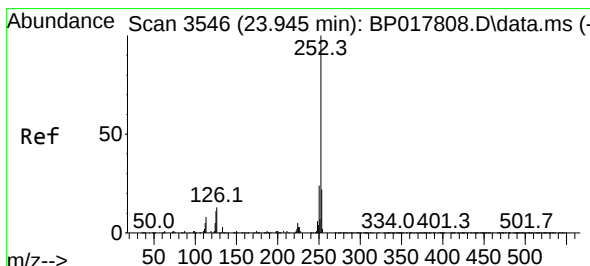
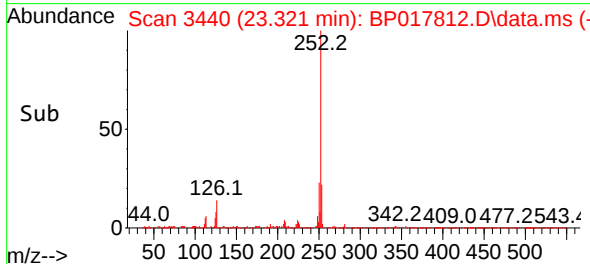
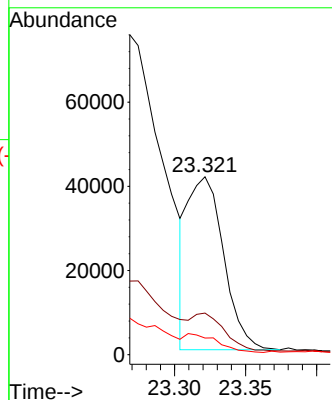
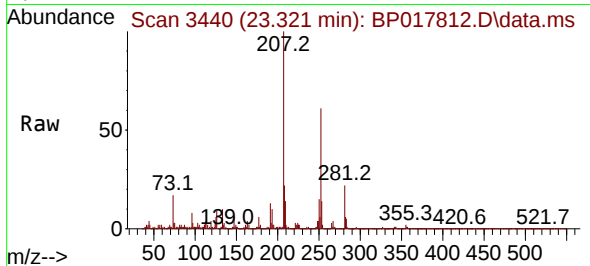
#91
Benzo(k)fluoranthene
Concen: 2.168 ng/ul
RT: 23.321 min Scan# 3440
Delta R.T. -0.006 min
Lab File: BP017812.D
Acq: 25 Oct 2023 20:58

Instrument :
BNA_P
ClientSampleId :
EOAS1

Tgt Ion:252 Resp: 72083
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 9.4 7.0 10.6

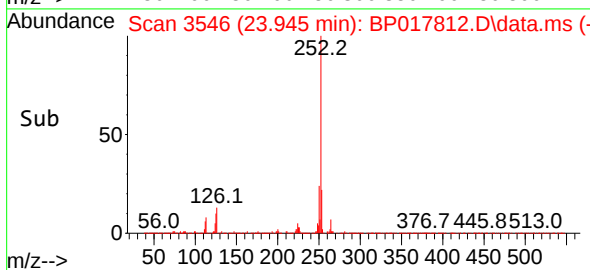
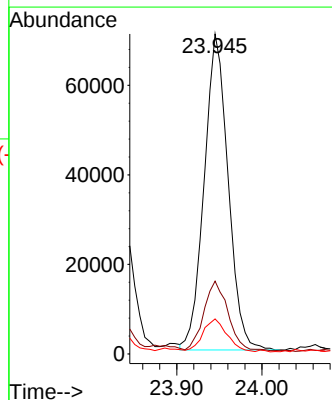
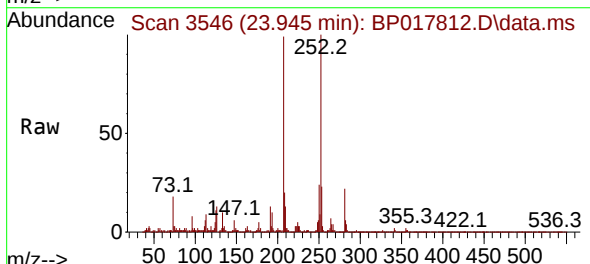
Manual Integrations
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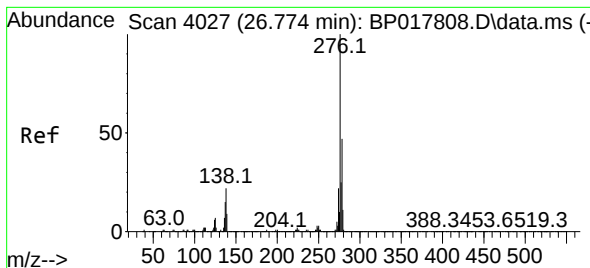
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#93
Benzo(a)pyrene
Concen: 4.474 ng/ul
RT: 23.945 min Scan# 3546
Delta R.T. -0.012 min
Lab File: BP017812.D
Acq: 25 Oct 2023 20:58

Tgt Ion:252 Resp: 137785
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 11.0 7.8 11.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.349 ng/ul

RT: 26.768 min Scan# 4027

Delta R.T. -0.012 min

Lab File: BP017812.D

Acq: 25 Oct 2023 20:58

Instrument :

BNA_P

ClientSampleId :

EOAS1

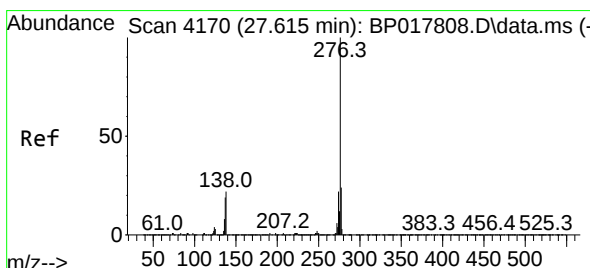
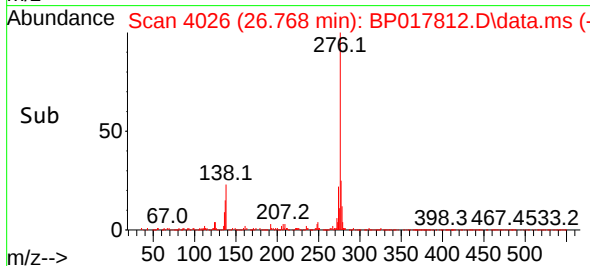
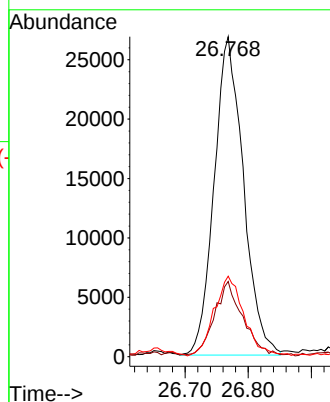
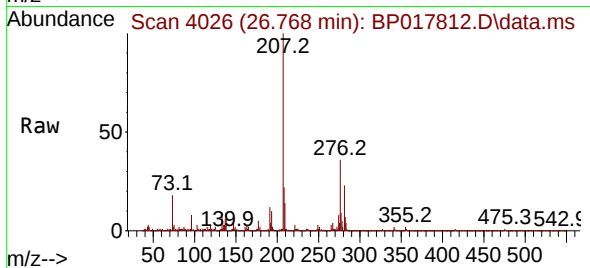
Tgt Ion:	276	Resp:	86218
Ion Ratio	Lower	Upper	
276	100		
138	23.5	15.6	23.4
277	25.2	19.4	29.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/27/2023

Supervised By :mohammad ahmed 10/27/2023



#96

Benzo(g,h,i)perylene

Concen: 2.242 ng/ul

RT: 27.615 min Scan# 4170

Delta R.T. -0.012 min

Lab File: BP017812.D

Acq: 25 Oct 2023 20:58

Tgt Ion:	276	Resp:	66316
Ion Ratio	Lower	Upper	
276	100		
138	22.2	15.0	22.6
277	23.6	18.5	27.7

