

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017413.D
 Acq On : 28 Sep 2023 14:41
 Operator : MA/JU
 Sample : 04417-27
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYF3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/02/2023

Quant Time: Sep 28 22:43:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 15:31:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	178199	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	811594	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	473467	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	870436	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	724041	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	858120	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	11272	2.598	ng/uL	0.00
4) Pyridine-d5	3.746	84	17179m	1.416	ng/u1	0.01
7) Phenol-d5	7.105	99	178680	12.209	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	147236	16.670	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	93517	8.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	66301	5.827	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	91344	15.568	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	31711	4.978	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	37607	3.124	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	162325	9.310	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	568940	16.774	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	609022	15.612	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	299	0.051	ng/u1	0.02
60) Fluorene-d10	15.651	176	463063	15.858	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	1692	0.345	ng/u1	0.00
73) Anthracene-d10	17.539	188	623881	16.161	ng/u1	0.00
81) Pyrene-d10	19.786	212	694600	17.740	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	687066	16.630	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.810	105	45590	2.593	ng/u1	97
36) 2-Methylnaphthalene	12.457	142	55961	2.029	ng/u1	98
37) 1-Methylnaphthalene	12.681	142	46357	1.644	ng/u1#	97
56) Dibenzofuran	15.051	168	55095	1.335	ng/u1	97
72) Phenanthrene	17.481	178	602375	13.213	ng/u1	99
74) Anthracene	17.575	178	52195	1.130	ng/u1	95
77) Carbazole	17.863	167	45847	1.116	ng/u1#	90
80) Fluoranthene	19.457	202	575760	12.609	ng/u1	99
82) Pyrene	19.816	202	436336	8.989	ng/u1	99
85) Benzo(a)anthracene	21.551	228	221155	4.526	ng/u1	96
87) Chrysene	21.610	228	242677m	5.277	ng/u1	
90) Benzo(b)fluoranthene	23.345	252	274438	5.424	ng/u1#	87
91) Benzo(k)fluoranthene	23.392	252	101515m	1.989	ng/u1	
93) Benzo(a)pyrene	24.027	252	147076	3.038	ng/u1#	81
94) Indeno(1,2,3-cd)pyrene	26.880	276	135624	2.235	ng/u1	95
96) Benzo(g,h,i)perylene	27.733	276	115515	2.361	ng/u1#	90

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

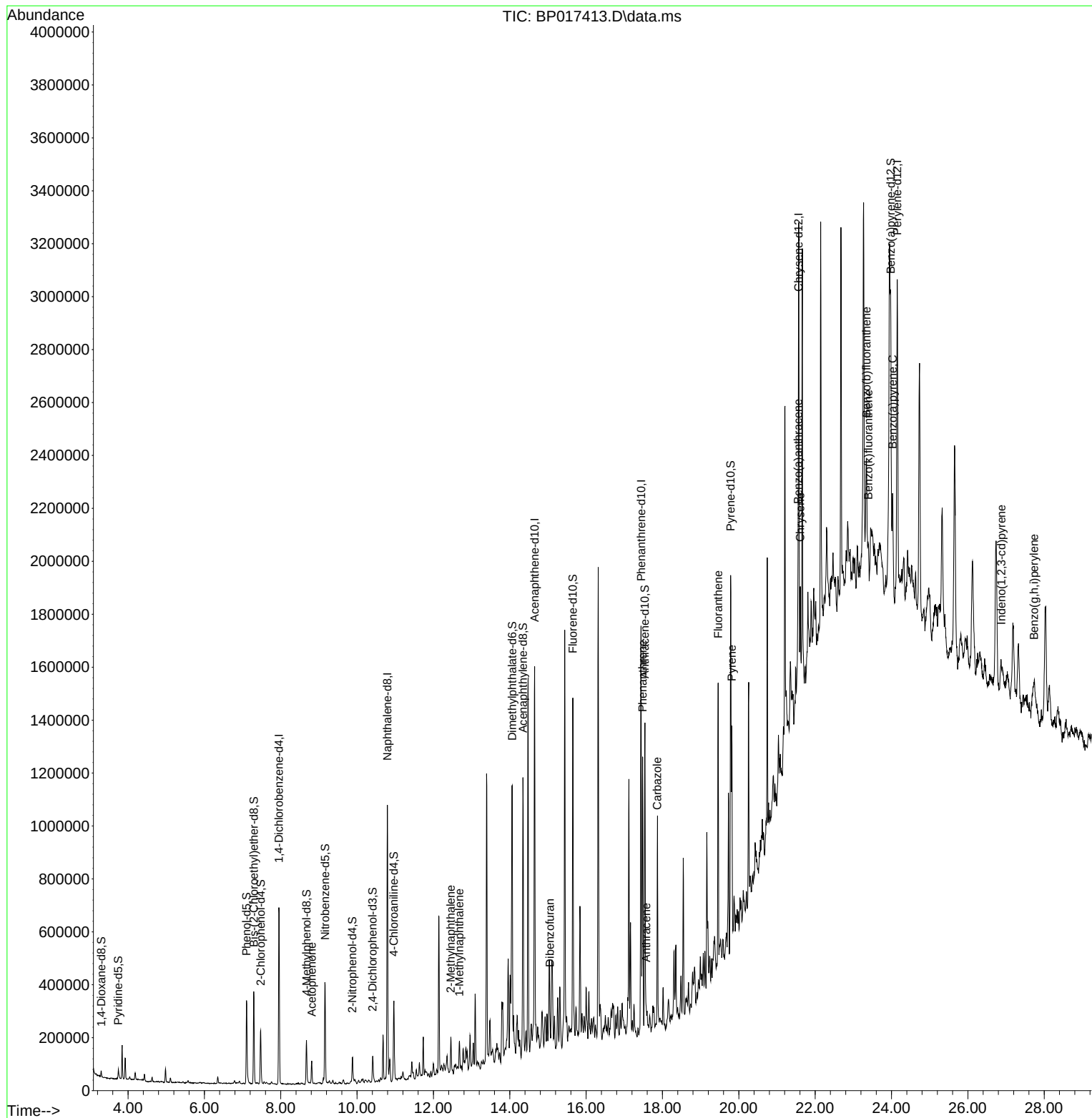
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017413.D
Acq On : 28 Sep 2023 14:41
Operator : MA/JU
Sample : 04417-27
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ALS Vial : 5 Sample Multiplier: 1

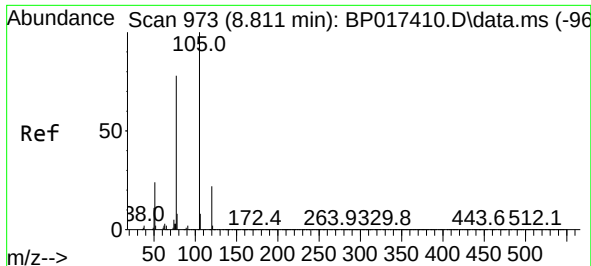
Instrument :
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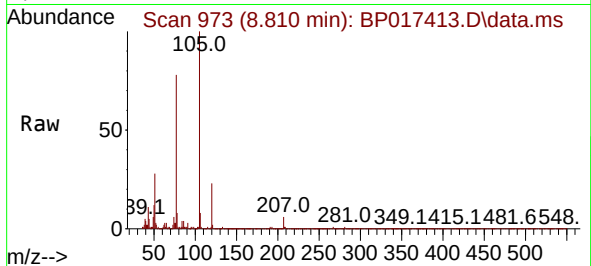
Quant Time: Sep 28 22:43:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 15:31:53 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.593 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017413.D
Acq: 28 Sep 2023 14:41

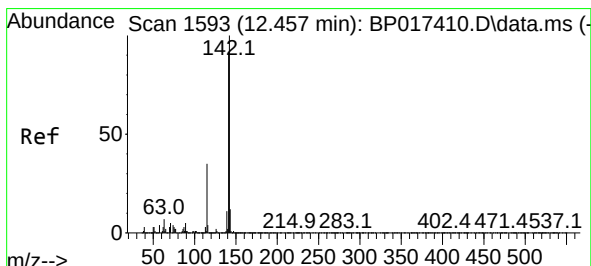
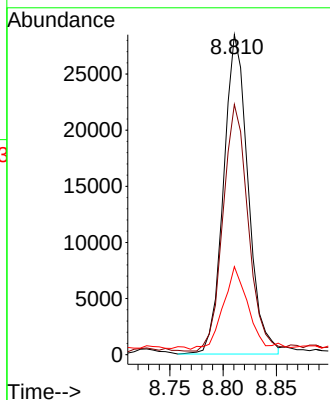
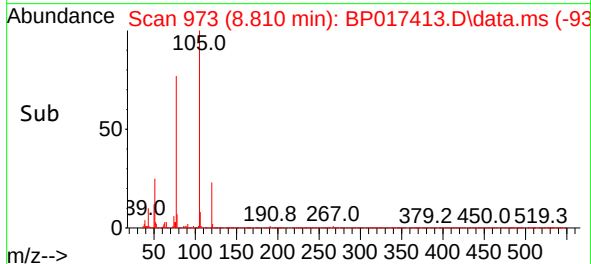
Instrument :
BNA_P
ClientSampleId :
EZYF3



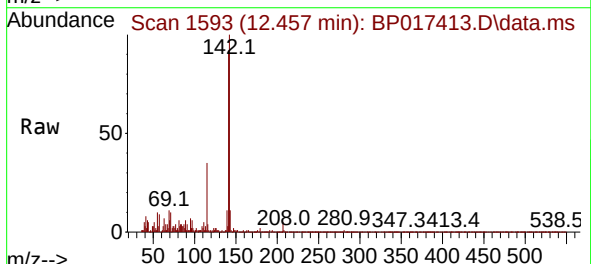
Tgt Ion:105 Resp: 45590
Ion Ratio Lower Upper
105 100
77 78.2 63.6 95.4
51 27.5 19.2 28.8

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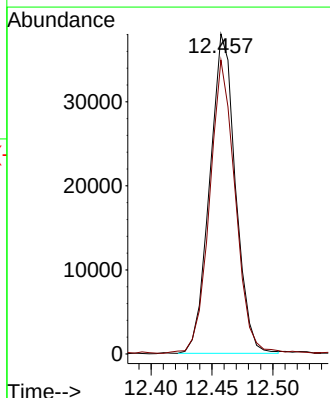
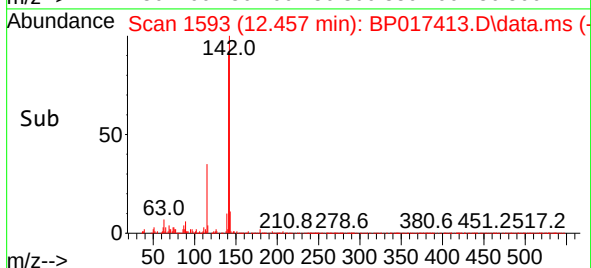
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023

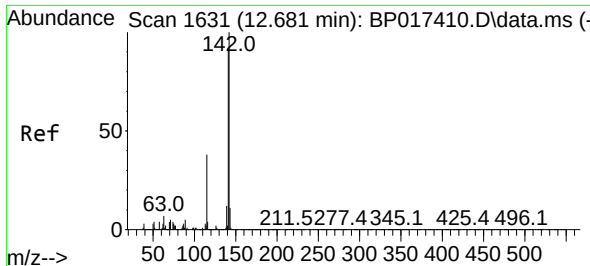


#36
2-Methylnaphthalene
Concen: 2.029 ng/ul
RT: 12.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BP017413.D
Acq: 28 Sep 2023 14:41



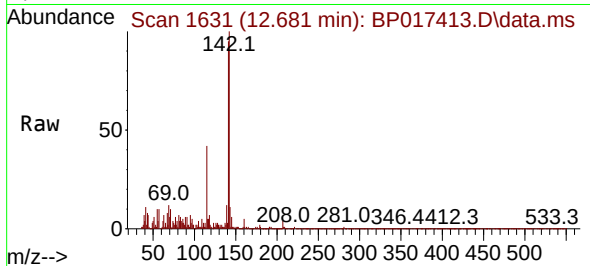
Tgt Ion:142 Resp: 55961
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9





#37
1-Methylnaphthalene
Concen: 1.644 ng/ul
RT: 12.681 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BP017413.D
Acq: 28 Sep 2023 14:41

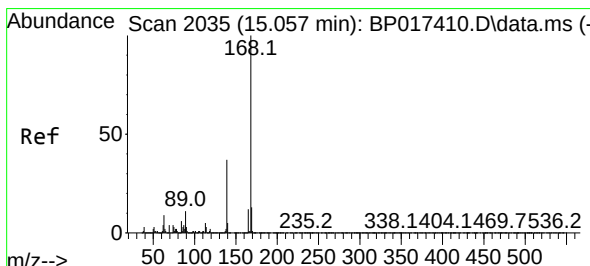
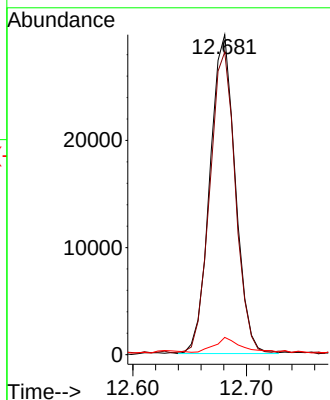
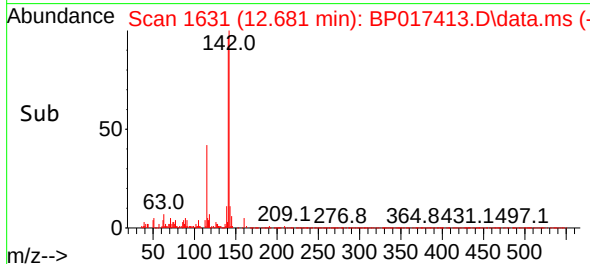
Instrument :
BNA_P
ClientSampleId :
EZYF3



Tgt Ion:142 Resp: 4635
Ion Ratio Lower Upper
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141 94.6 73.4 110.2
116 5.4 3.1 4.7

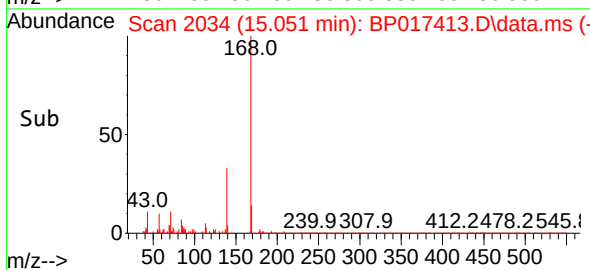
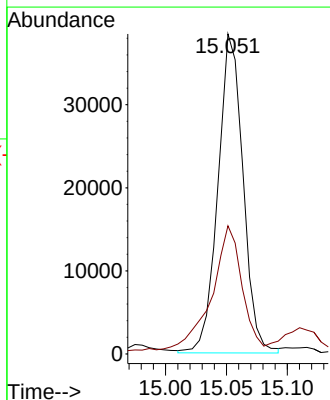
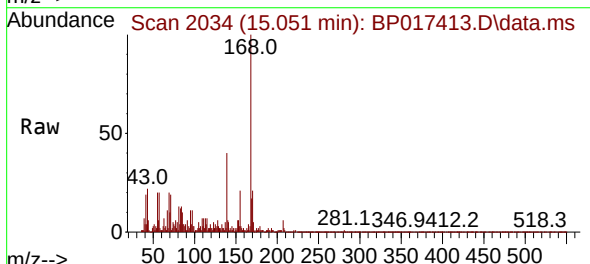
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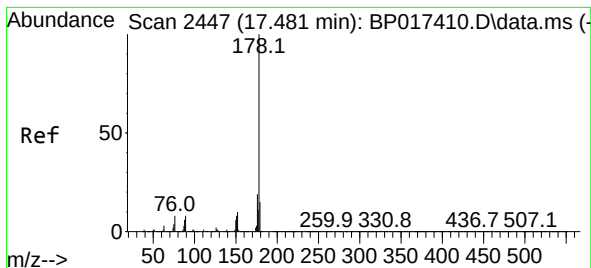
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023



#56
Dibenzofuran
Concen: 1.335 ng/ul
RT: 15.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BP017413.D
Acq: 28 Sep 2023 14:41

Tgt Ion:168 Resp: 55095
Ion Ratio Lower Upper
168 100
139 40.1 30.6 45.8





#72

Phenanthrene

Concen: 13.213 ng/ul

RT: 17.481 min Scan# 2447

Delta R.T. -0.000 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Instrument :

BNP_P

ClientSampleId :

EZYF3

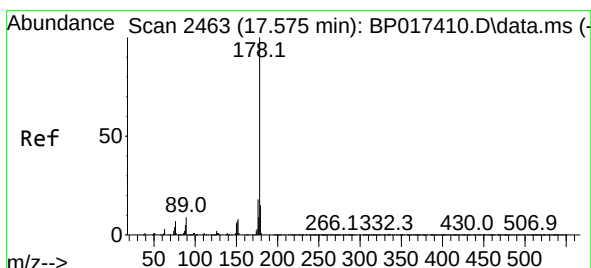
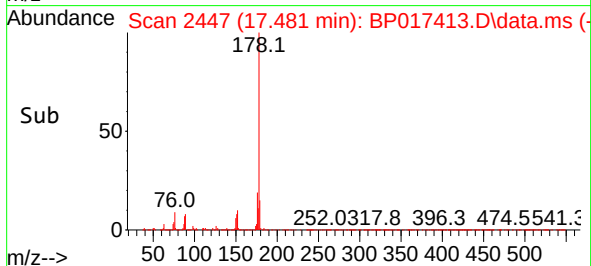
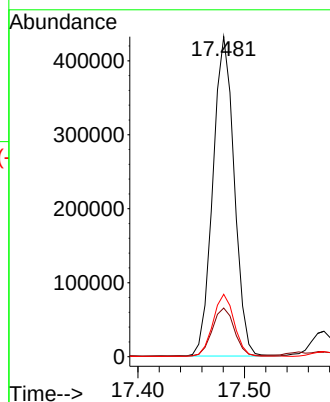
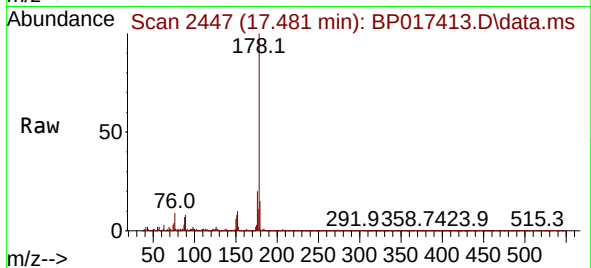
Tgt Ion:178	Resp: 60237
Ion Ratio	Lower Upper
178 100	
179 15.2	12.7 19.1
176 19.5	15.8 23.6

Manual Integrations

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Supervised By :mohammad ahmed 10/02/2023



#74

Anthracene

Concen: 1.130 ng/ul

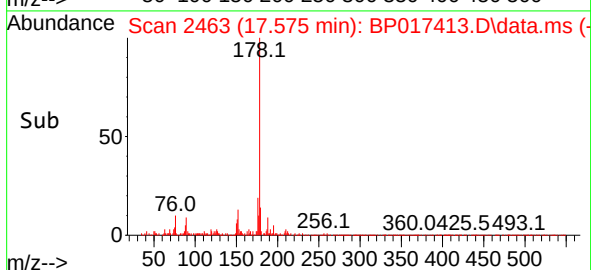
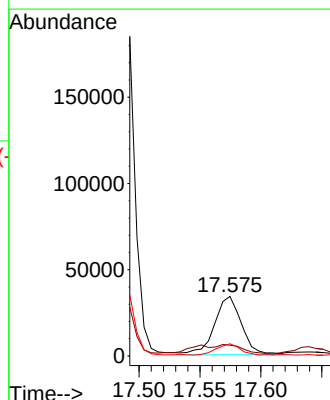
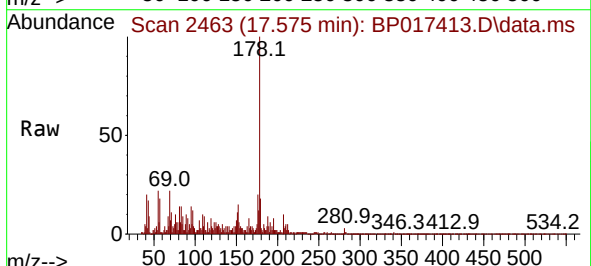
RT: 17.575 min Scan# 2463

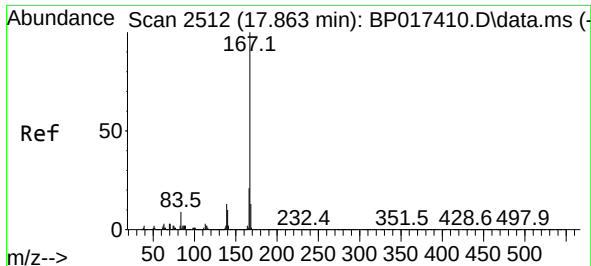
Delta R.T. -0.000 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Tgt Ion:178	Resp: 52195
Ion Ratio	Lower Upper
178 100	
179 18.1	12.5 18.7
176 20.4	15.1 22.7





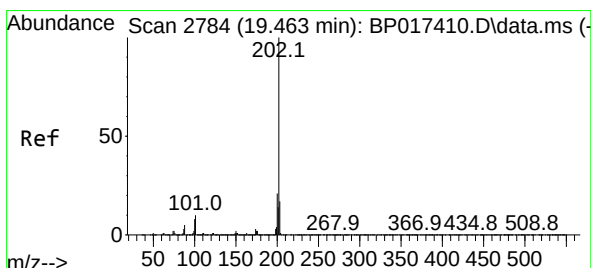
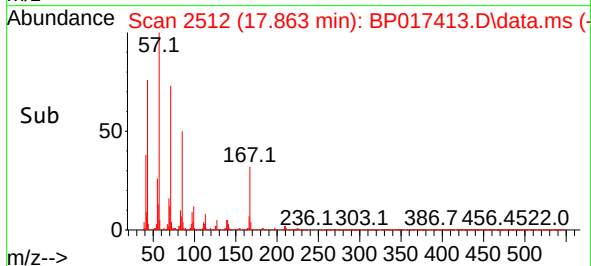
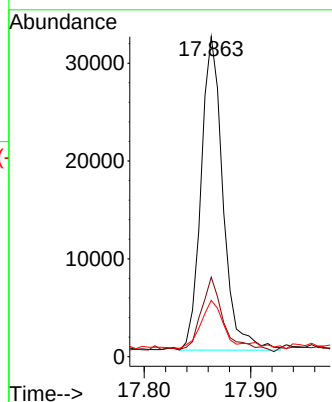
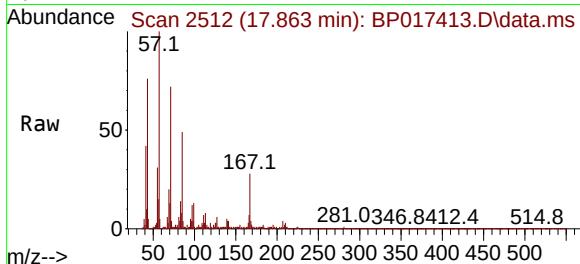
#77
 Carbazole
 Concen: 1.116 ng/ul
 RT: 17.863 min Scan# 2512
 Delta R.T. -0.000 min
 Lab File: BP017413.D
 Acq: 28 Sep 2023 14:41

Instrument : BNA_P
 ClientSampleId : EZYF3

Tgt Ion:167 Resp: 4584
 Ion Ratio Lower Upper
 167 100
 166 24.8 16.5 24.7
 139 17.6 10.5 15.7

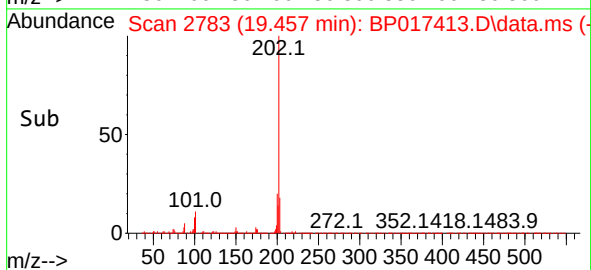
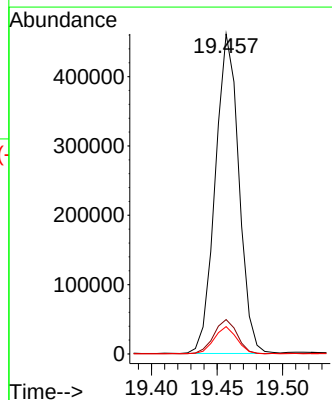
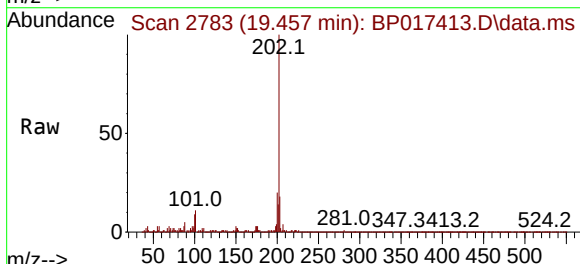
Manual Integrations
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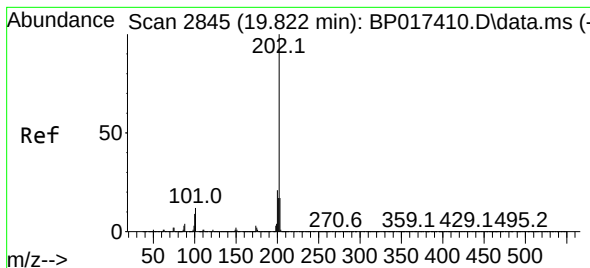
Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/02/2023



#80
 Fluoranthene
 Concen: 12.609 ng/ul
 RT: 19.457 min Scan# 2783
 Delta R.T. -0.006 min
 Lab File: BP017413.D
 Acq: 28 Sep 2023 14:41

Tgt Ion:202 Resp: 575760
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.4 12.6
 100 8.5 6.6 10.0





#82

Pyrene

Concen: 8.989 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Instrument :

BNA_P

ClientSampleId :

EZYF3

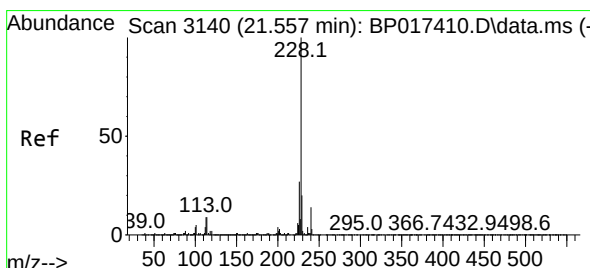
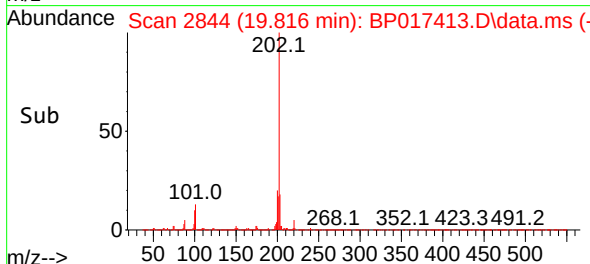
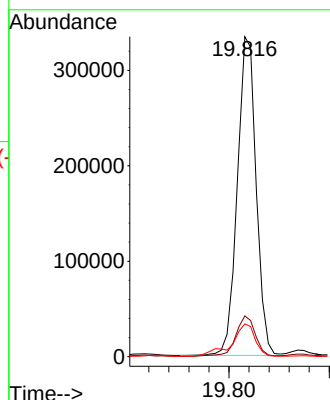
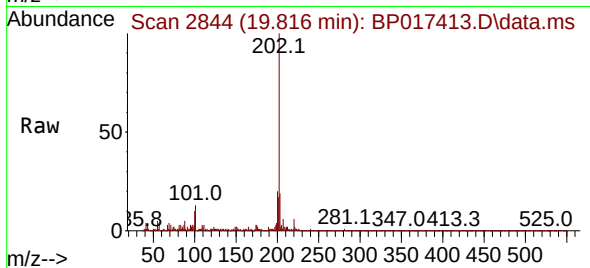
Tgt Ion:	202	Resp:	436330
Ion Ratio	Lower	Upper	
202	100		
101	12.8	9.8	14.8
100	10.3	8.1	12.1

Manual Integrations

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Supervised By :mohammad ahmed 10/02/2023



#85

Benzo(a)anthracene

Concen: 4.526 ng/ul

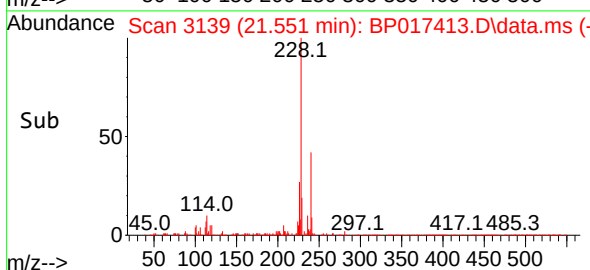
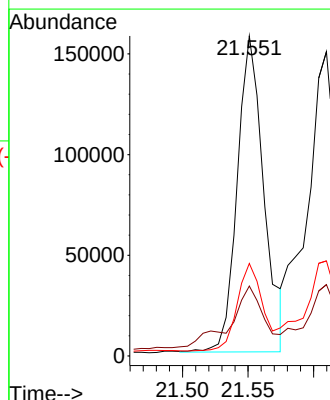
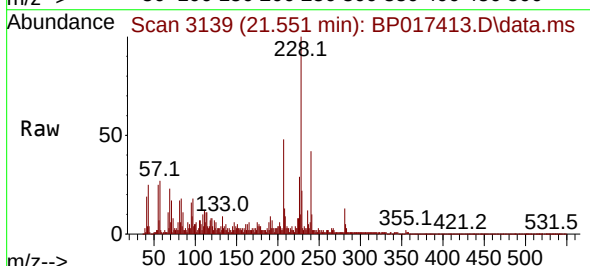
RT: 21.551 min Scan# 3139

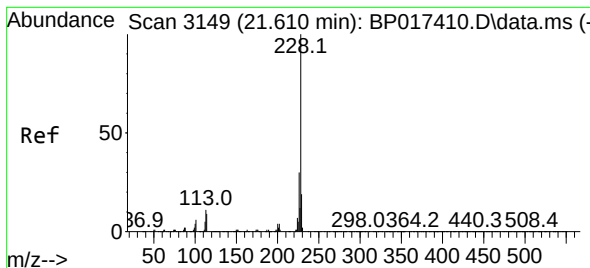
Delta R.T. -0.006 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Tgt Ion:	228	Resp:	221155
Ion Ratio	Lower	Upper	
228	100		
229	21.9	15.8	23.6
226	28.9	21.8	32.8





#87

Chrysene

Concen: 5.277 ng/ul m

RT: 21.610 min Scan# 3149

Delta R.T. -0.000 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Instrument :

BNA_P

ClientSampleId :

EZYF3

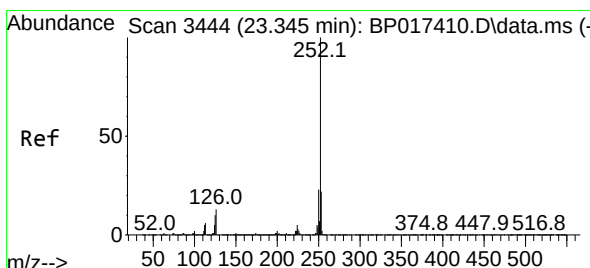
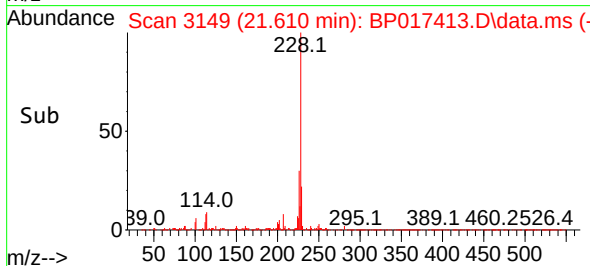
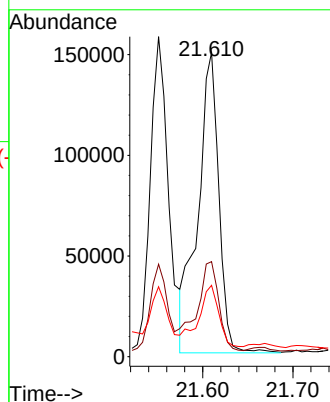
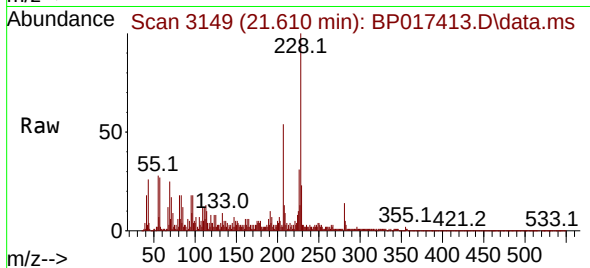
Tgt Ion:228	Resp: 24267
Ion Ratio	Lower Upper
228 100	
226 31.2	24.1 36.1
229 23.5	15.0 22.6

Manual Integrations

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Supervised By :mohammad ahmed 10/02/2023



#90

Benzo(b)fluoranthene

Concen: 5.424 ng/ul

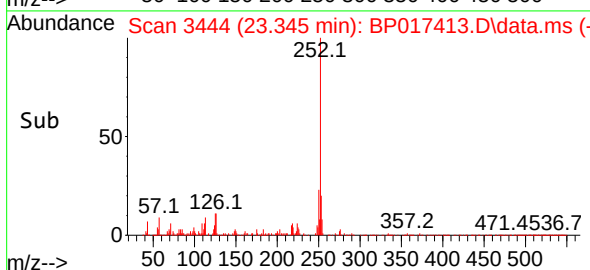
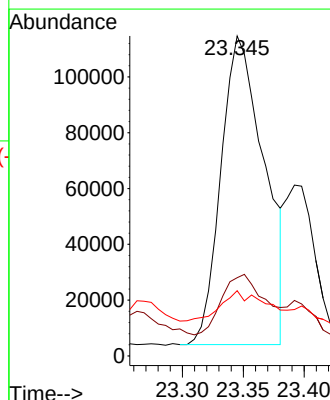
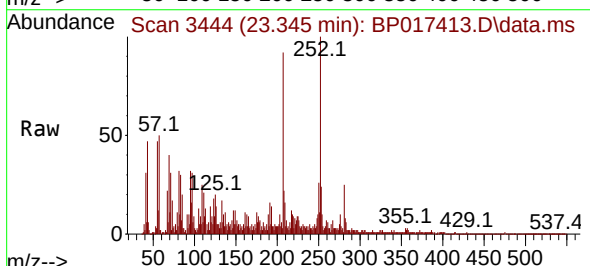
RT: 23.345 min Scan# 3444

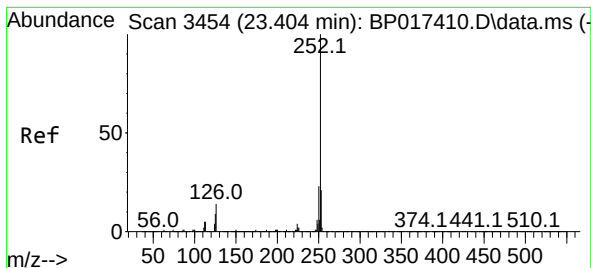
Delta R.T. -0.000 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Tgt Ion:252	Resp: 274438
Ion Ratio	Lower Upper
252 100	
253 24.5	17.4 26.0
125 20.4	7.8 11.8





#91

Benzo(k)fluoranthene

Concen: 1.989 ng/ul m

RT: 23.392 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Instrument :

BNA_P

ClientSampleId :

EZYF3

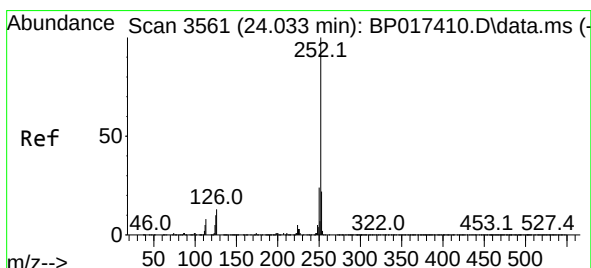
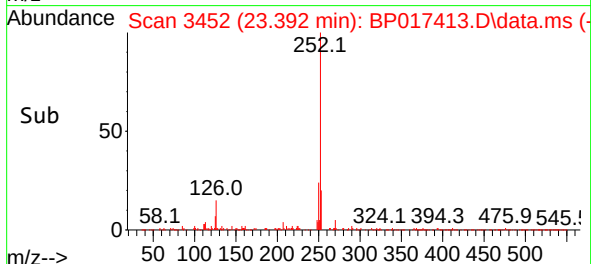
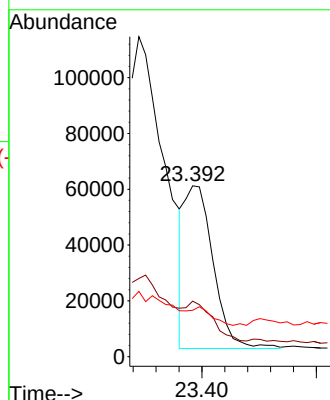
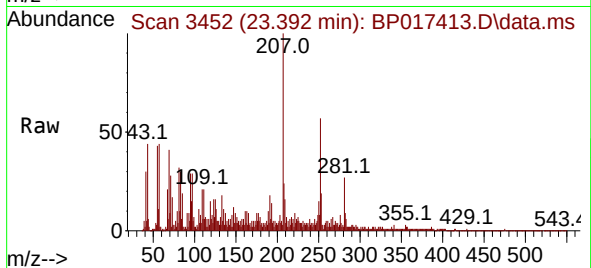
Tgt Ion:252	Resp: 10151
Ion Ratio	Lower Upper
252 100	
253 32.5	17.9 26.9
125 27.2	7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 10/02/2023



#93

Benzo(a)pyrene

Concen: 3.038 ng/ul

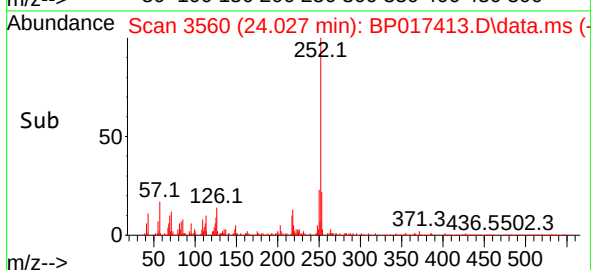
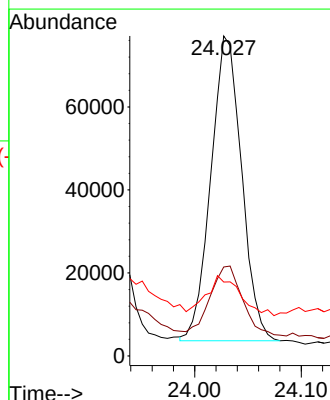
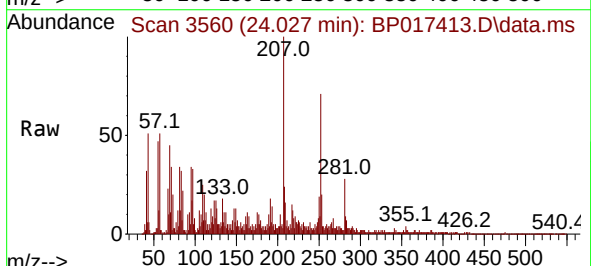
RT: 24.027 min Scan# 3560

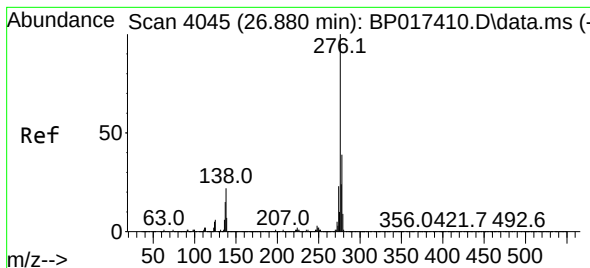
Delta R.T. -0.006 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Tgt Ion:252	Resp: 147076
Ion Ratio	Lower Upper
252 100	
253 27.8	17.4 26.0
125 23.1	8.9 13.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.235 ng/ul

RT: 26.880 min Scan# 4045

Delta R.T. -0.000 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Instrument :

BNA_P

ClientSampleId :

EZYF3

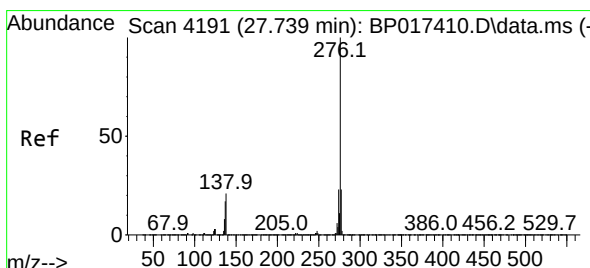
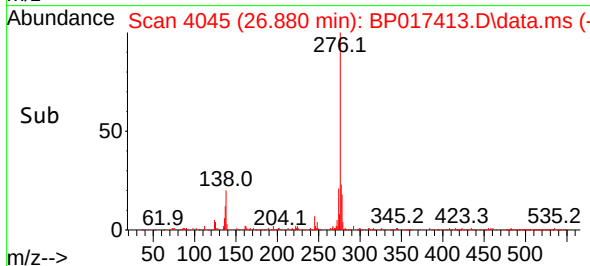
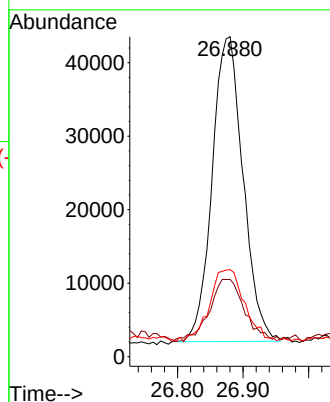
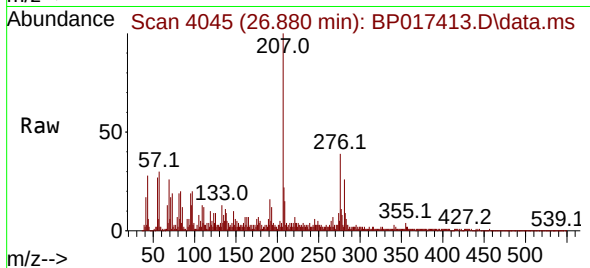
Tgt Ion:	276	Resp:	135624
Ion Ratio	Lower	Upper	
276	100		
138	24.2	17.9	26.9
277	27.2	19.5	29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 10/02/2023



#96

Benzo(g,h,i)perylene

Concen: 2.361 ng/ul

RT: 27.733 min Scan# 4190

Delta R.T. -0.006 min

Lab File: BP017413.D

Acq: 28 Sep 2023 14:41

Tgt Ion:	276	Resp:	115515
Ion Ratio	Lower	Upper	
276	100		
138	25.9	17.3	25.9#
277	28.9	18.8	28.2#

