

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017514.D
 Acq On : 03 Oct 2023 13:15
 Operator : MA/JU
 Sample : 04417-34
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYN3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023

Quant Time: Oct 04 01:06:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 03 22:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	126305	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	498617	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	287280	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	615632	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	610941	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	701109	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	11105	3.611	ng/uL	0.00
4) Pyridine-d5	3.728	84	24090	2.802	ng/u1	0.01
7) Phenol-d5	7.093	99	191250	18.437	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	171180	27.344	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	102204	12.422	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	141290	17.519	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	112386	31.178	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	42017	10.735	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	83170	11.247	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	265189	24.756	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	641665	31.179	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	735342	31.067	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	13514m	3.769	ng/u1	0.02
60) Fluorene-d10	15.640	176	553341	31.232	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	5080	1.464	ng/u1	0.00
73) Anthracene-d10	17.522	188	739332	27.078	ng/u1	0.00
81) Pyrene-d10	19.781	212	1035696	31.349	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1013190	30.015	ng/u1	0.00
Target Compounds						Qvalue
16) Acetophenone	8.793	105	34366	2.758	ng/u1	97
36) 2-Methylnaphthalene	12.440	142	98813	5.831	ng/u1	100
37) 1-Methylnaphthalene	12.663	142	59635	3.443	ng/u1#	99
56) Dibenzofuran	15.040	168	31769	1.269	ng/u1#	85
72) Phenanthrene	17.469	178	151080	4.685	ng/u1	97
80) Fluoranthene	19.445	202	87274	2.265	ng/u1	99
82) Pyrene	19.810	202	91162	2.226	ng/u1	99
85) Benzo(a)anthracene	21.545	228	51491	1.249	ng/u1	96
87) Chrysene	21.604	228	61248m	1.578	ng/u1	
90) Benzo(b)fluoranthene	23.345	252	94506	2.286	ng/u1#	90
93) Benzo(a)pyrene	24.027	252	48938	1.237	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	26.886	276	63795	1.287	ng/u1	97
96) Benzo(g,h,i)perylene	27.751	276	58322	1.459	ng/u1	98

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

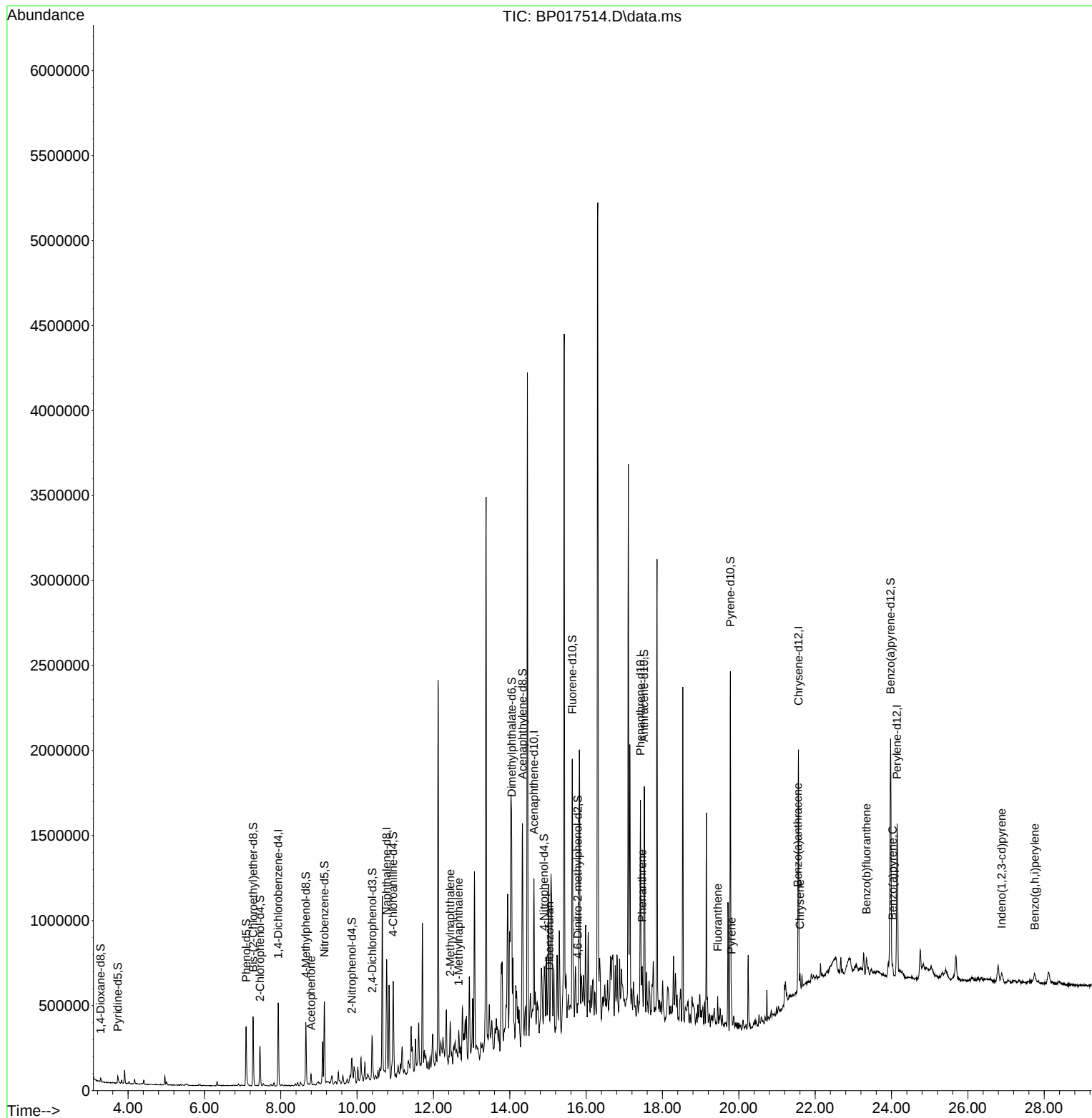
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017514.D
Acq On : 03 Oct 2023 13:15
Operator : MA/JU
Sample : 04417-34
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ALS Vial : 38 Sample Multiplier: 1

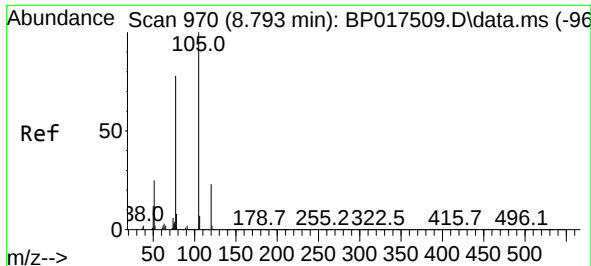
Instrument :
BNA_P
ClientSampleId :
EZYN3

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Quant Time: Oct 04 01:06:09 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 22:59:42 2023
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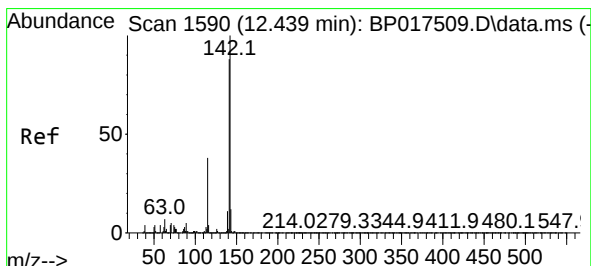
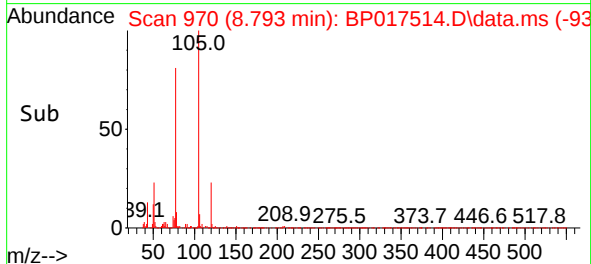
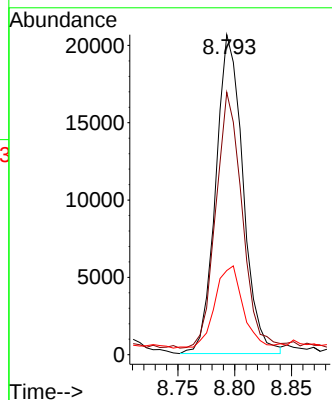
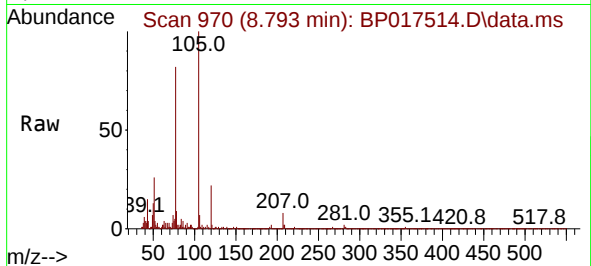
#16
Acetophenone
Concen: 2.758 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017514.D
Acq: 03 Oct 2023 13:15

Instrument :
BNA_P
ClientSampleId :
EZYN3

Tgt Ion:105 Resp: 3436
Ion Ratio Lower Upper
105 100
77 82.0 63.6 95.4
51 26.3 19.2 28.8

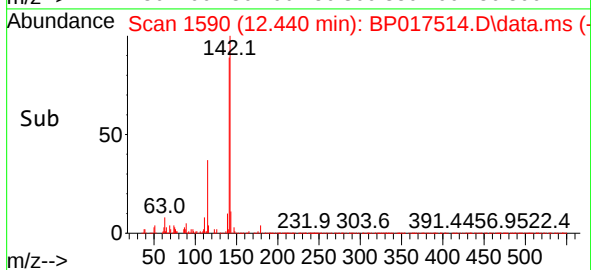
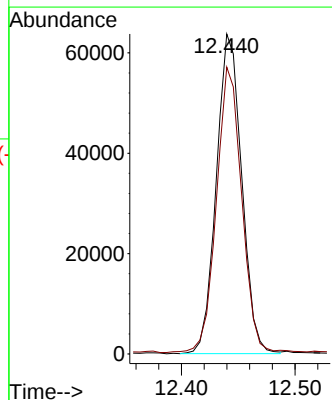
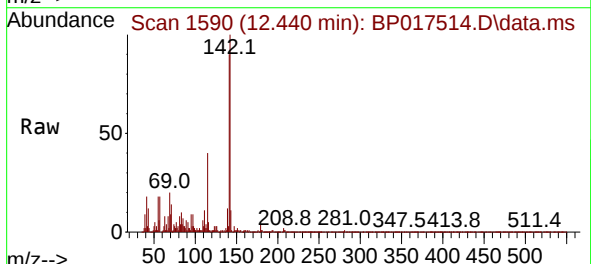
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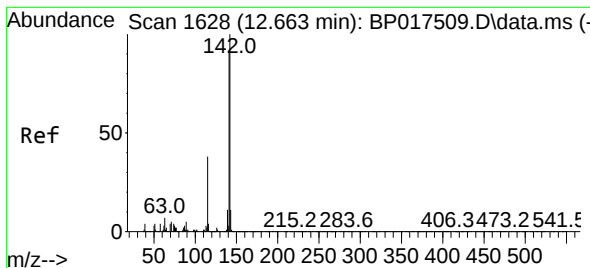
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#36
2-Methylnaphthalene
Concen: 5.831 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017514.D
Acq: 03 Oct 2023 13:15

Tgt Ion:142 Resp: 98813
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#37

1-Methylnaphthalene

Concen: 3.443 ng/ul

RT: 12.663 min Scan# 10

Delta R.T. 0.000 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

Instrument :

BNA_P

ClientSampleId :

EZYN3

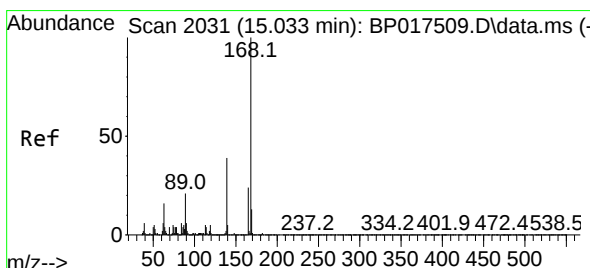
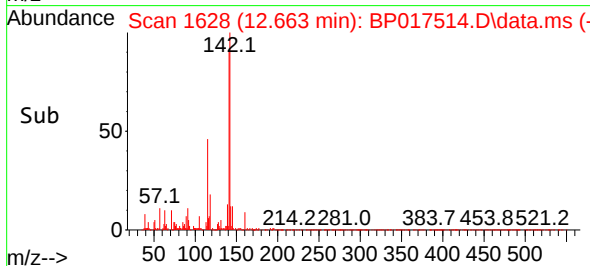
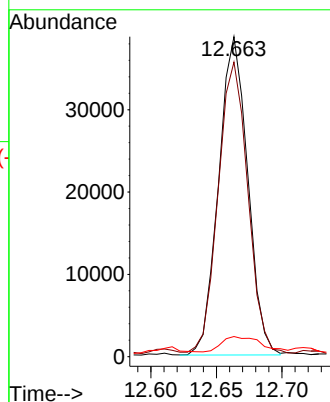
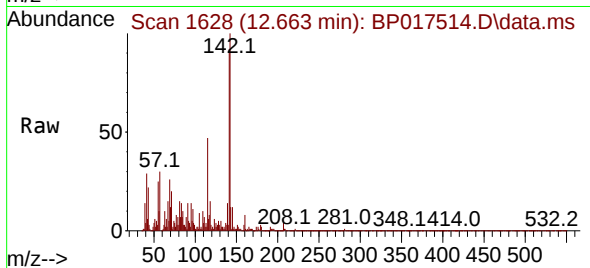
Tgt Ion:	142	Resp:	5963
Ion Ratio	Lower	Upper	
142	100		
141	92.1	73.4	110.2
116	6.3	3.1	4.7

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#56

Dibenzofuran

Concen: 1.269 ng/ul

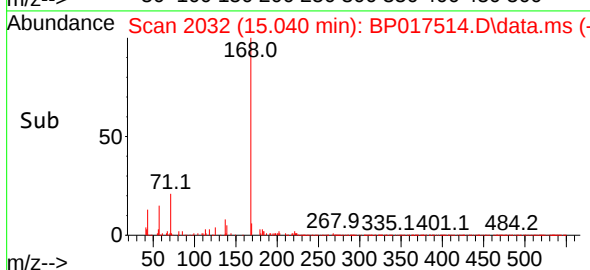
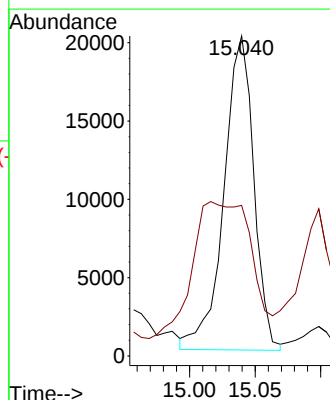
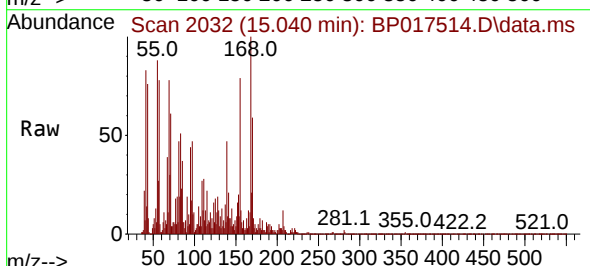
RT: 15.040 min Scan# 2032

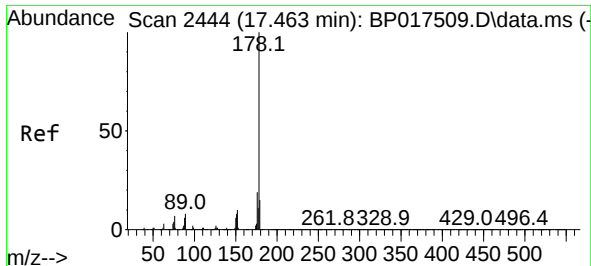
Delta R.T. 0.006 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

Tgt Ion:	168	Resp:	31769
Ion Ratio	Lower	Upper	
168	100		
139	47.0	30.6	45.8





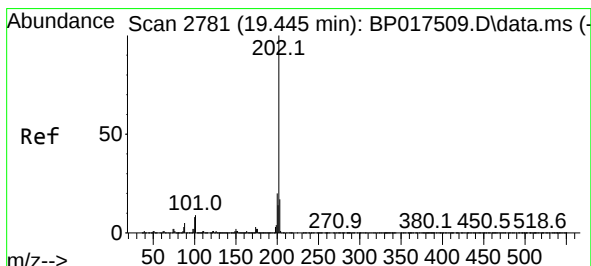
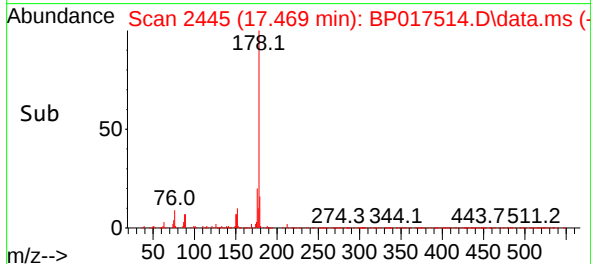
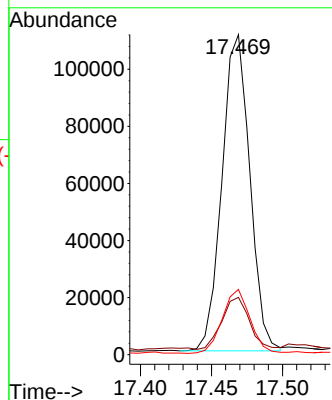
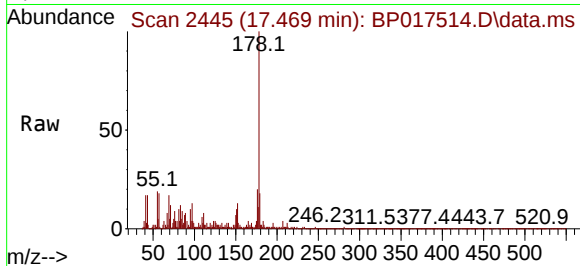
#72
Phenanthrene
Concen: 4.685 ng/ul
RT: 17.469 min Scan# 2444
Delta R.T. 0.006 min
Lab File: BP017514.D
Acq: 03 Oct 2023 13:15

Instrument :
BNA_P
ClientSampleId :
EZYN3

Tgt Ion:178 Resp: 151080
Ion Ratio Lower Upper
178 100
179 17.9 12.7 19.1
176 20.4 15.8 23.6

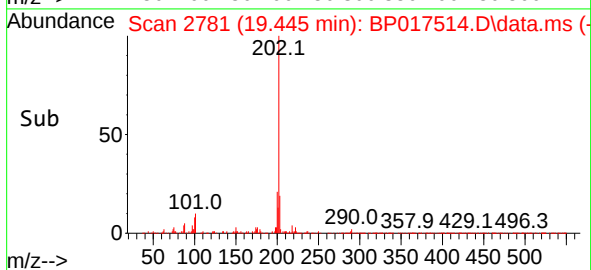
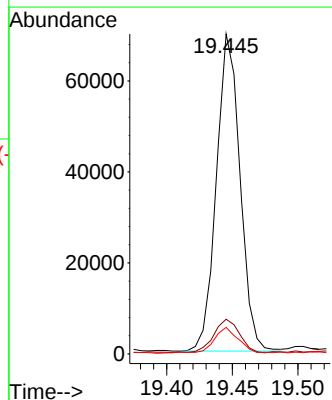
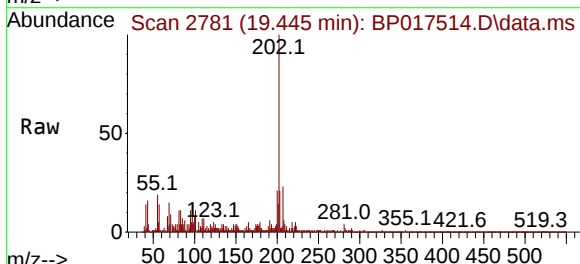
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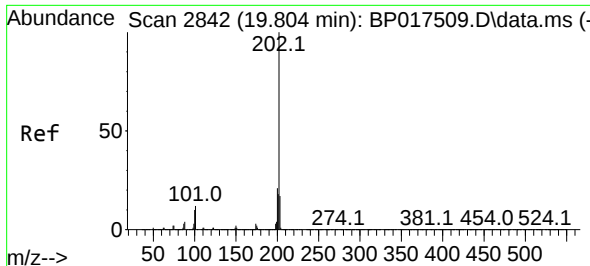
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#80
Fluoranthene
Concen: 2.265 ng/ul
RT: 19.445 min Scan# 2781
Delta R.T. 0.000 min
Lab File: BP017514.D
Acq: 03 Oct 2023 13:15

Tgt Ion:202 Resp: 87274
Ion Ratio Lower Upper
202 100
101 10.8 8.4 12.6
100 8.3 6.6 10.0





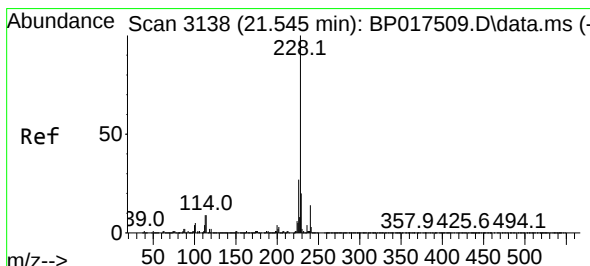
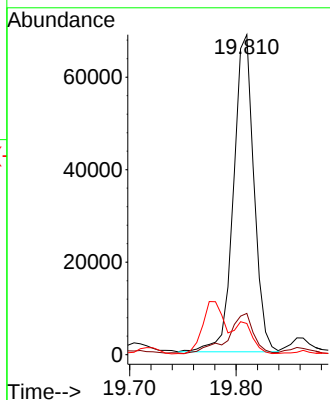
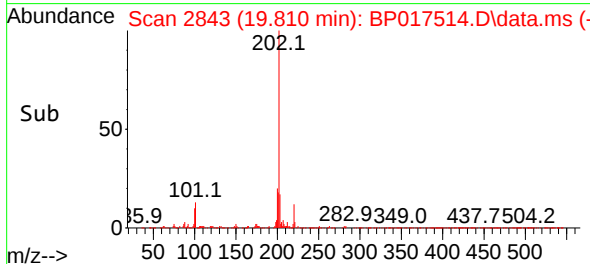
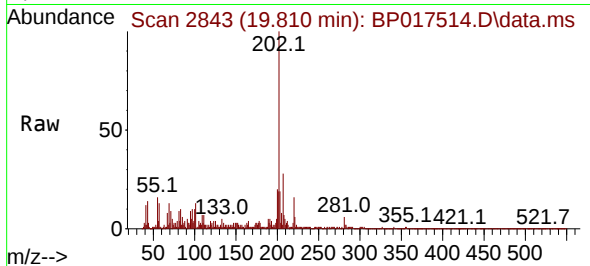
#82
Pyrene
Concen: 2.226 ng/ul
RT: 19.810 min Scan# 2843
Delta R.T. 0.006 min
Lab File: BP017514.D
Acq: 03 Oct 2023 13:15

Instrument :
BNA_P
ClientSampleId :
EZYN3

Tgt Ion:202 Resp: 91162
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.8
100 9.8 8.1 12.1

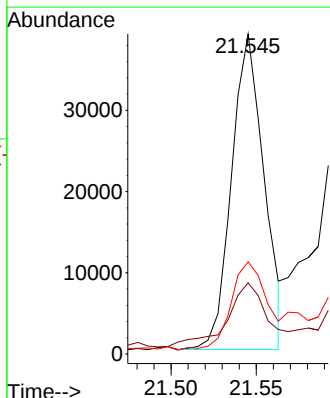
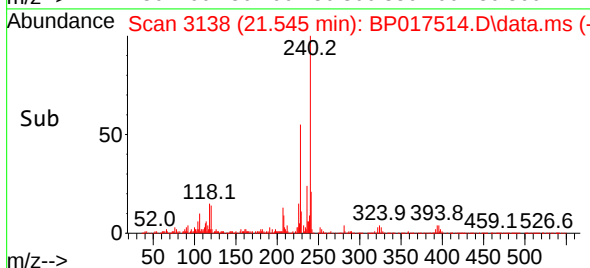
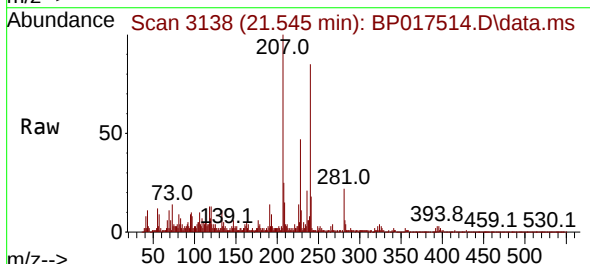
Manual Integrations
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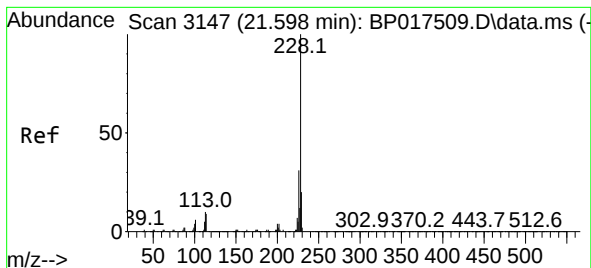
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#85
Benzo(a)anthracene
Concen: 1.249 ng/ul
RT: 21.545 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BP017514.D
Acq: 03 Oct 2023 13:15

Tgt Ion:228 Resp: 51491
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.6
226 28.8 21.8 32.8





#87

Chrysene

Concen: 1.578 ng/ul m

RT: 21.604 min Scan# 3148

Delta R.T. 0.006 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

Instrument :

BNA_P

ClientSampleId :

EZYN3

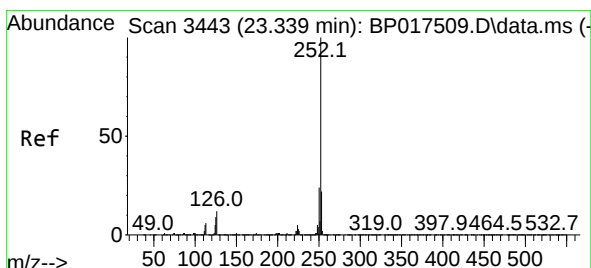
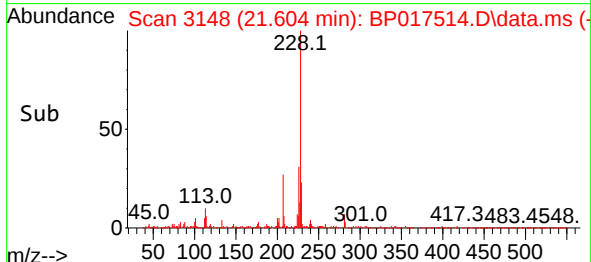
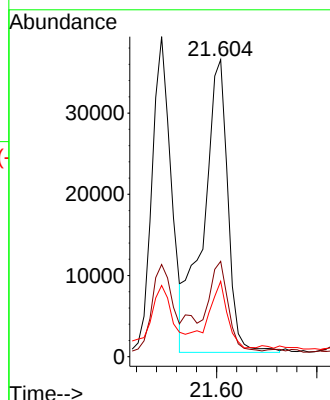
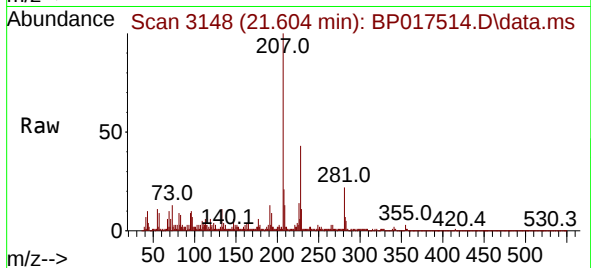
Tgt Ion:	228	Resp:	6124
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.1	36.1
229	25.4	15.0	22.6

Manual Integrations

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Supervised By :mohammad ahmed 10/05/2023



#90

Benzo(b)fluoranthene

Concen: 2.286 ng/ul

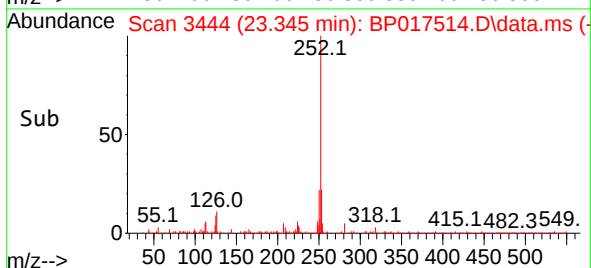
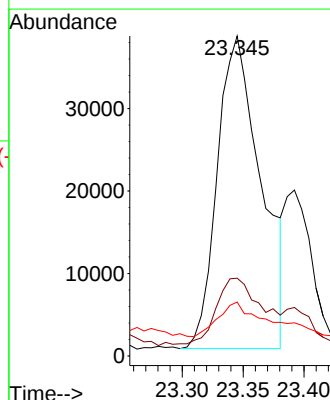
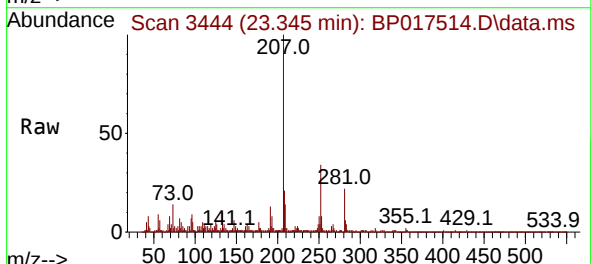
RT: 23.345 min Scan# 3444

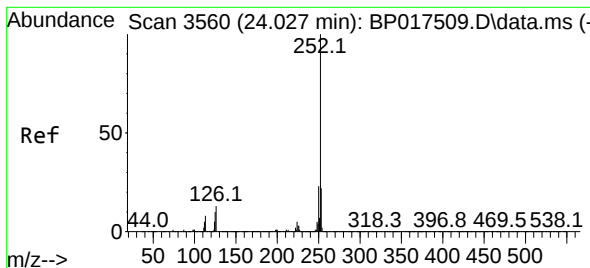
Delta R.T. 0.006 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

Tgt Ion:	252	Resp:	94506
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	16.8	7.8	11.8





#93

Benzo(a)pyrene

Concen: 1.237 ng/ul

RT: 24.027 min Scan# 3560

Delta R.T. 0.000 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

Instrument :

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ClientSampleId :

EZYN3

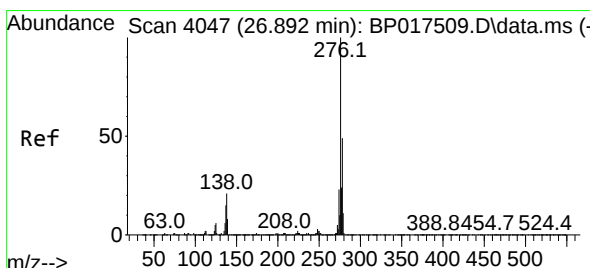
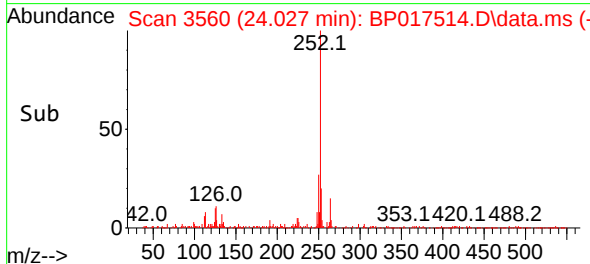
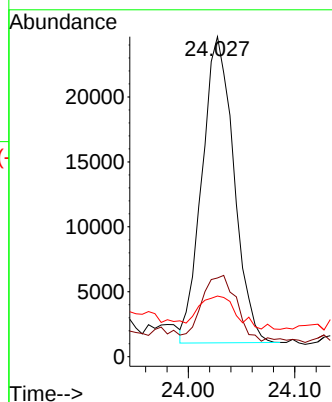
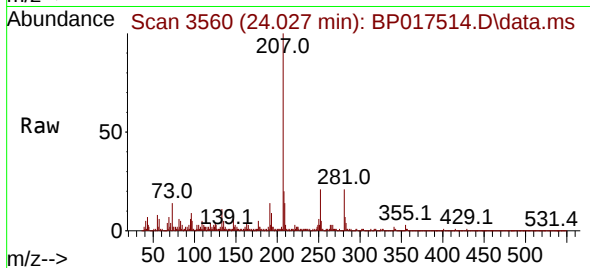
Tgt Ion:	252	Resp:	4893
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.4	26.0
125	18.9	8.9	13.3

Manual Integrations

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Supervised By :mohammad ahmed 10/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.287 ng/ul

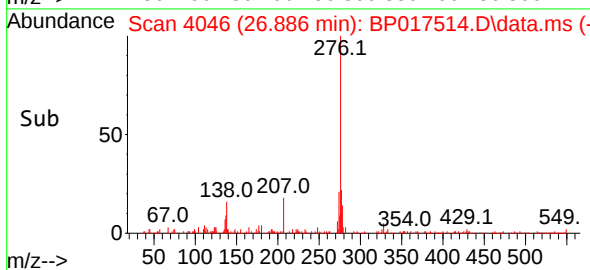
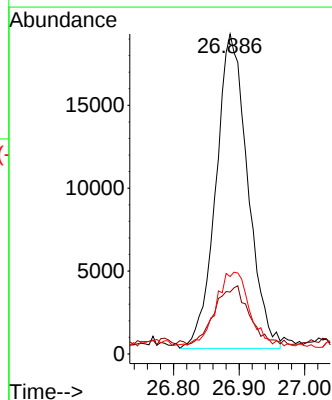
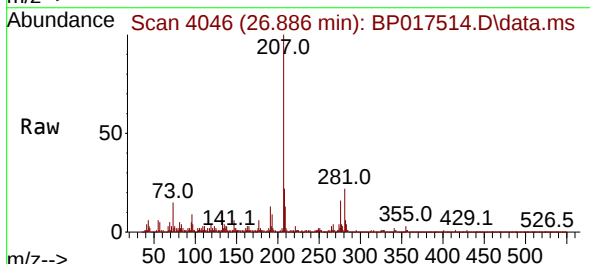
RT: 26.886 min Scan# 4046

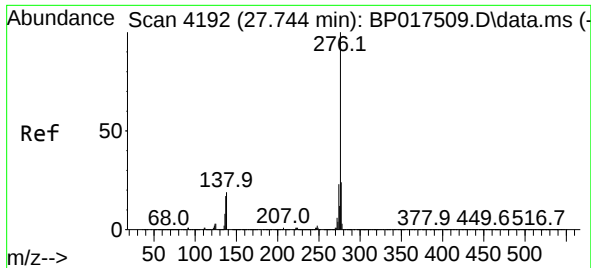
Delta R.T. -0.006 min

Lab File: BP017514.D

Acq: 03 Oct 2023 13:15

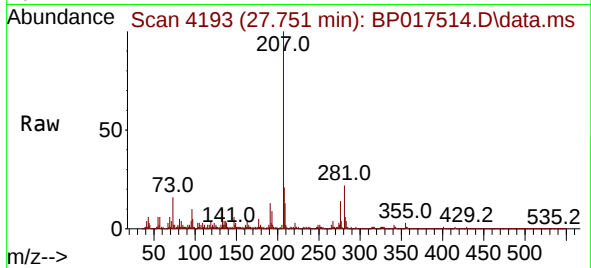
Tgt Ion:	276	Resp:	63795
Ion Ratio	Lower	Upper	
276	100		
138	19.3	17.9	26.9
277	24.2	19.5	29.3





#96
 Benzo(g,h,i)perylene
 Concen: 1.459 ng/ul
 RT: 27.751 min Scan# 4193
 Delta R.T. 0.006 min
 Lab File: BP017514.D
 Acq: 03 Oct 2023 13:15

Instrument :
 BNA_P
 ClientSampleId :
 EZYN3



Tgt Ion: 276 Resp: 5832
 Ion Ratio Lower Upper
 276 100
 138 21.6 17.3 25.9
 277 25.5 18.8 28.2

Manual Integrations
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