

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015598.D
 Acq On : 17 Jun 2023 01:23
 Operator : MA/JU
 Sample : 03080-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH9

Quant Time: Jun 17 01:54:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	120589	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	542773	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	361901	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.481	188	815013	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	763636	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	812560	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	10911	3.351	ng/uL	0.00
4) Pyridine-d5	3.846	84	134252	15.871	ng/u1	0.00
7) Phenol-d5	7.240	99	270606	24.358	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	158351	23.867	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	216003	26.817	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	211443	23.190	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	104111	24.432	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	124657	25.616	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	221846	24.991	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	145848m	11.446	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	747640	26.198	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	826057	26.472	ng/u1	0.00
54) 4-Nitrophenol-d4	14.946	143	92228	18.047	ng/u1	0.01
60) Fluorene-d10	15.716	176	630824	26.213	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	103102	19.969	ng/u1	0.00
73) Anthracene-d10	17.581	188	952526	25.687	ng/u1	0.00
81) Pyrene-d10	19.804	212	1219336	29.834	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1102779	27.048	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.522	178	99764	2.281	ng/u1	99
80) Fluoranthene	19.481	202	358649	7.204	ng/u1	99
82) Pyrene	19.834	202	321589	6.244	ng/u1	98
85) Benzo(a)anthracene	21.545	228	205083	3.842	ng/u1	98
87) Chrysene	21.604	228	242420m	4.804	ng/u1	
90) Benzo(b)fluoranthene	23.322	252	434529	8.285	ng/u1	99
91) Benzo(k)fluoranthene	23.375	252	118138m	2.330	ng/u1	
93) Benzo(a)pyrene	23.992	252	246133	5.382	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.798	276	193075	3.262	ng/u1	96
95) Dibenzo(a,h)anthracene	26.798	278	50502	1.047	ng/u1#	85
96) Benzo(g,h,i)perylene	27.633	276	176338	3.616	ng/u1	99

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

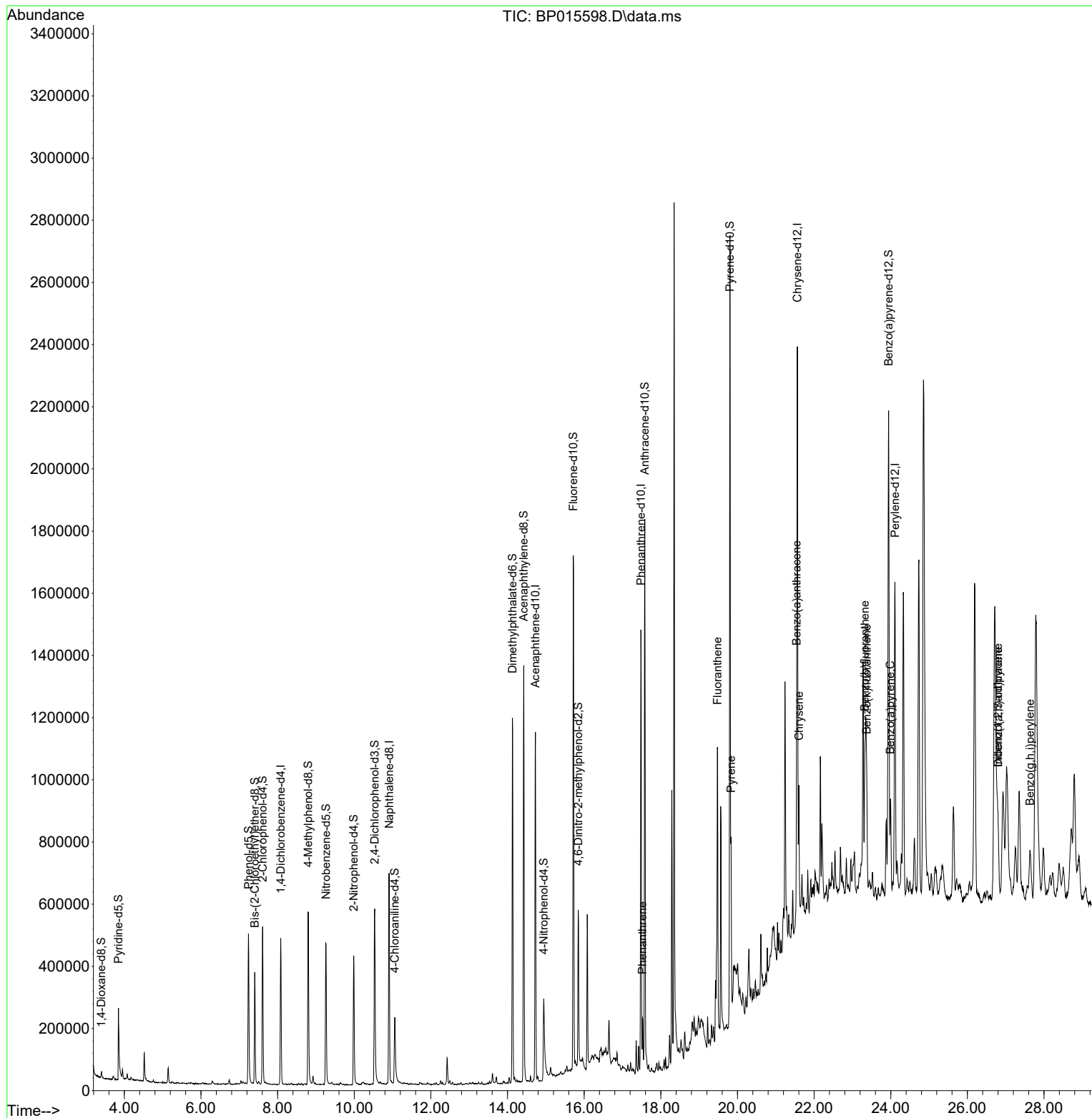
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
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 ALS Vial : 29 Sample Multiplier: 1

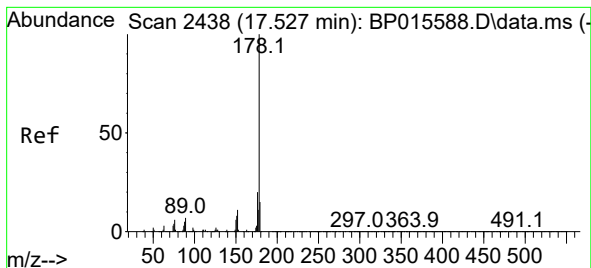
Instrument :
 BNA_P
 ClientSampleId :
 DCFH9

Quant Time: Jun 17 01:54:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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#72

Phenanthrene

Concen: 2.281 ng/ul

RT: 17.522 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP015598.D

Acq: 17 Jun 2023 01:23

Instrument :

BNA_P

ClientSampleId :

DCFH9

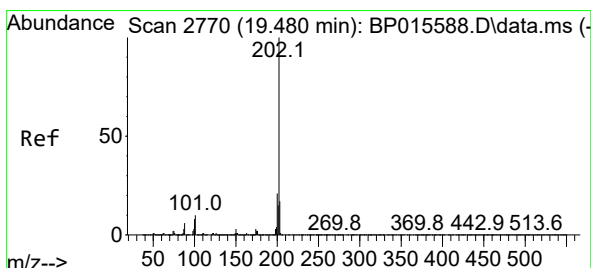
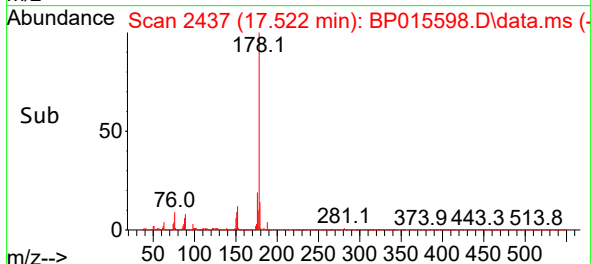
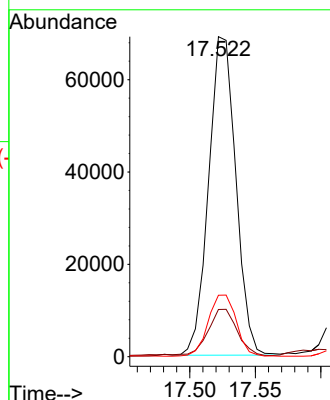
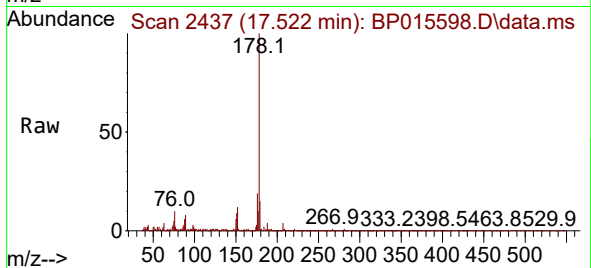
Tgt Ion:	178	Resp:	99764
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.3	18.5
176	19.2	15.4	23.0

Manual Integrations

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#80

Fluoranthene

Concen: 7.204 ng/ul

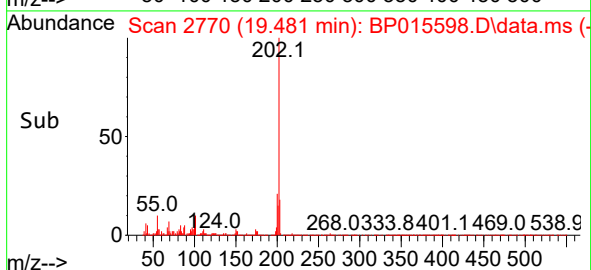
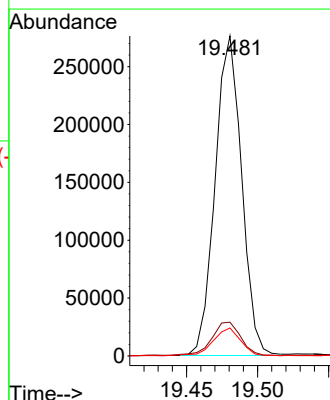
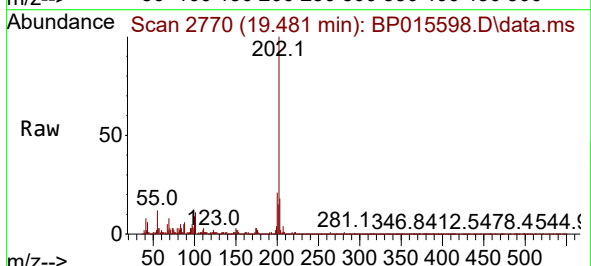
RT: 19.481 min Scan# 2770

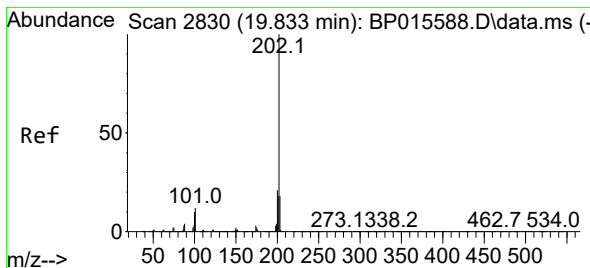
Delta R.T. -0.006 min

Lab File: BP015598.D

Acq: 17 Jun 2023 01:23

Tgt Ion:	202	Resp:	358649
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.6	13.0
100	8.8	6.6	9.8





#82

Pyrene

Concen: 6.244 ng/ul

RT: 19.834 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015598.D

Acq: 17 Jun 2023 01:23

Instrument :

BNA_P

ClientSampleId :

DCFH9

Tgt Ion:202 Resp: 321589

Ion Ratio Lower Upper

202 100

101 11.7 9.9 14.9

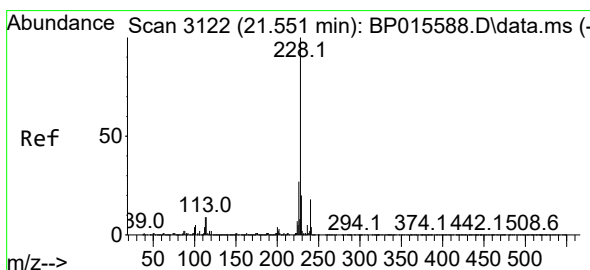
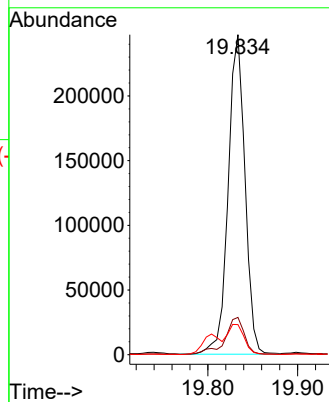
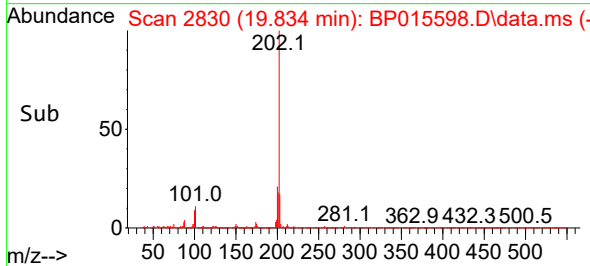
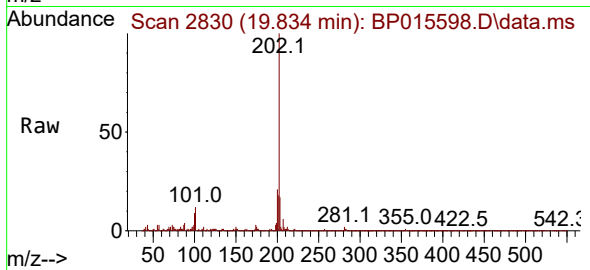
100 9.4 8.4 12.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 3.842 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP015598.D

Acq: 17 Jun 2023 01:23

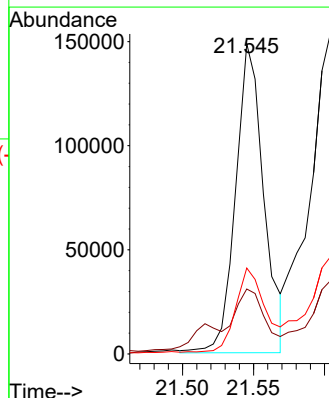
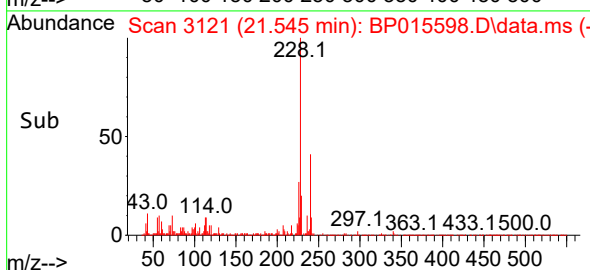
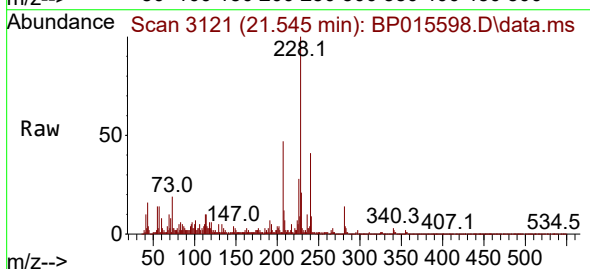
Tgt Ion:228 Resp: 205083

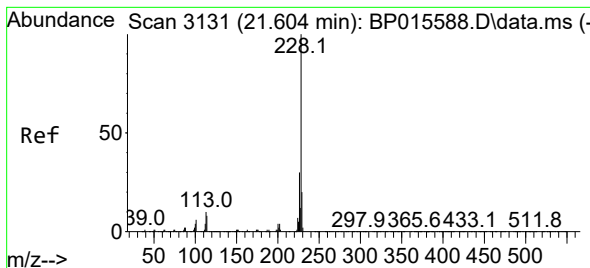
Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.6

226 27.7 21.8 32.6





#87

Chrysene

Concen: 4.804 ng/ul m

RT: 21.604 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP015598.D

Acq: 17 Jun 2023 01:23

Instrument :

BNA_P

ClientSampleId :

DCFH9

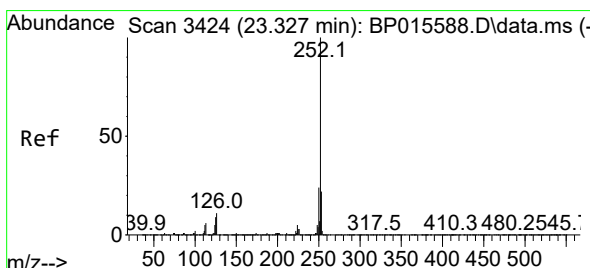
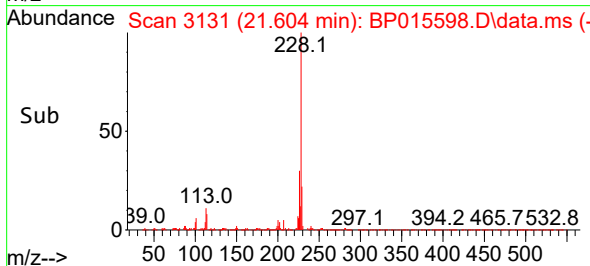
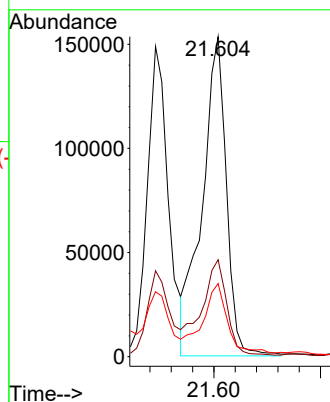
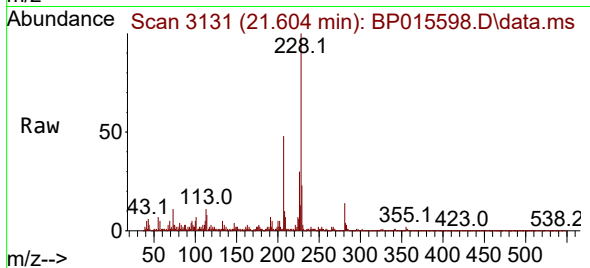
Tgt Ion:228	Resp: 242420
Ion Ratio	Lower Upper
228 100	
226 30.3	23.9 35.9
229 22.9	15.1 22.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 8.285 ng/ul

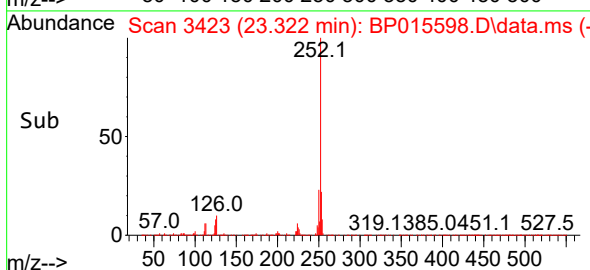
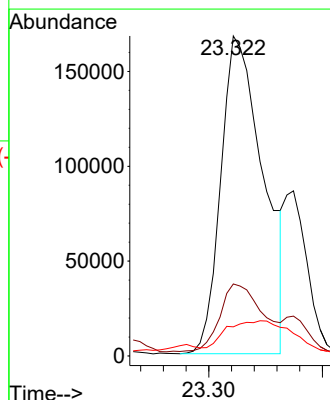
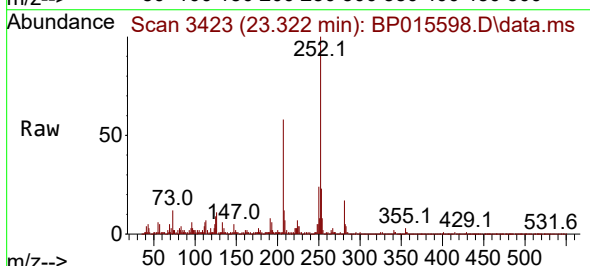
RT: 23.322 min Scan# 3423

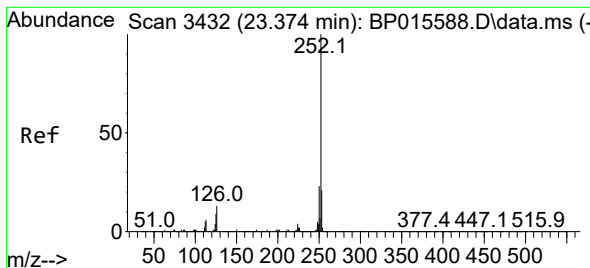
Delta R.T. -0.006 min

Lab File: BP015598.D

Acq: 17 Jun 2023 01:23

Tgt Ion:252	Resp: 434529
Ion Ratio	Lower Upper
252 100	
253 22.5	17.4 26.2
125 9.1	7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 2.330 ng/ul m

RT: 23.375 min Scan# 3432

Delta R.T. -0.006 min

Lab File: BP015598.D

Acq: 17 Jun 2023 01:23

Instrument :

BNA_P

ClientSampleId :

DCFH9

Tgt Ion:252 Resp: 118138

Ion Ratio Lower Upper

252 100

253 24.1 17.7 26.5

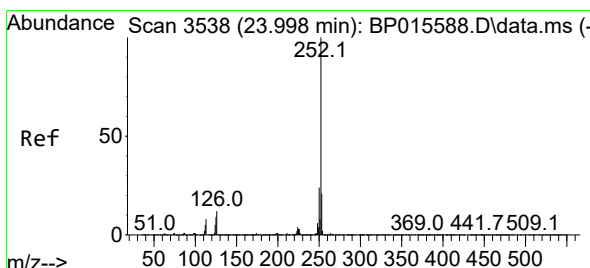
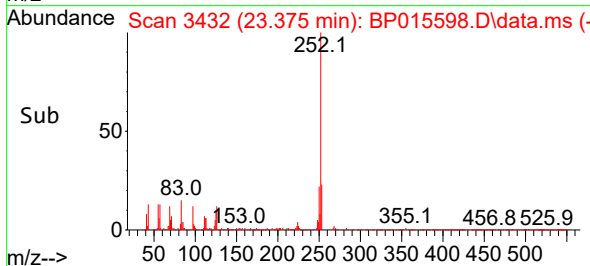
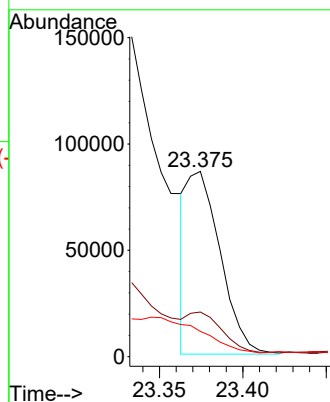
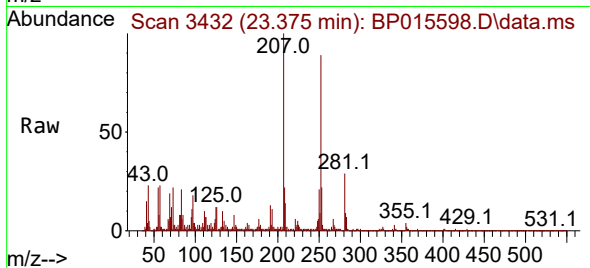
125 13.7 7.3 10.9

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#93

Benzo(a)pyrene

Concen: 5.382 ng/ul

RT: 23.992 min Scan# 3537

Delta R.T. -0.012 min

Lab File: BP015598.D

Acq: 17 Jun 2023 01:23

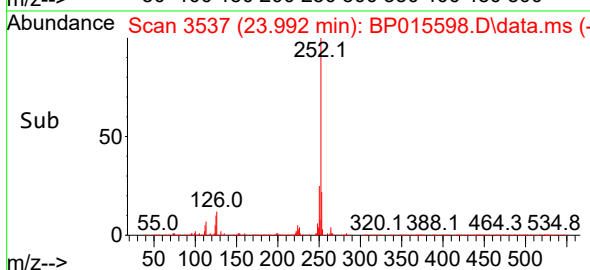
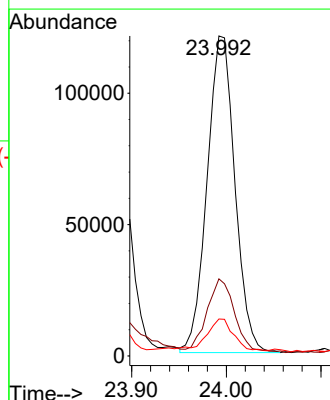
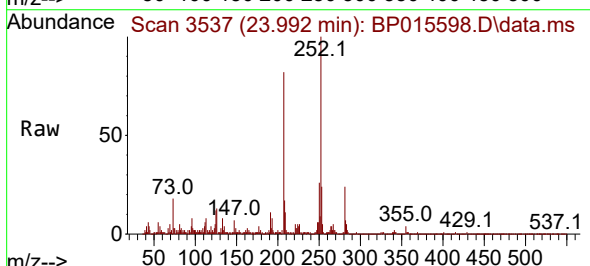
Tgt Ion:252 Resp: 246133

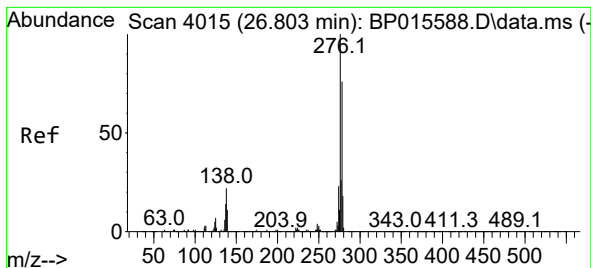
Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

125 11.5 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.262 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.012 min

Lab File: BP015598.D

Acq: 17 Jun 2023 01:23

Instrument :

BNA_P

ClientSampleId :

DCFH9

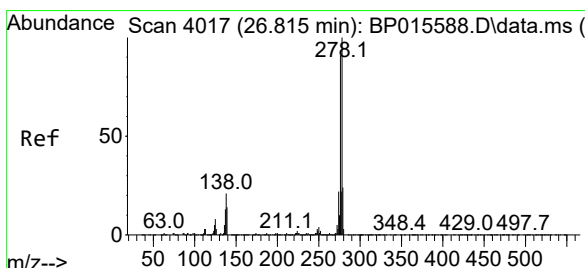
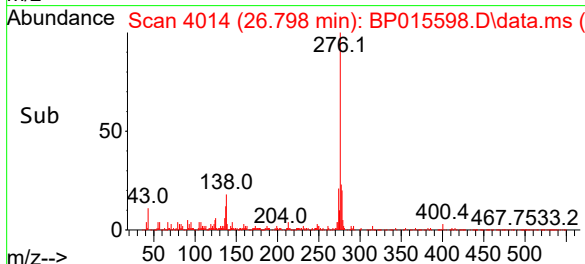
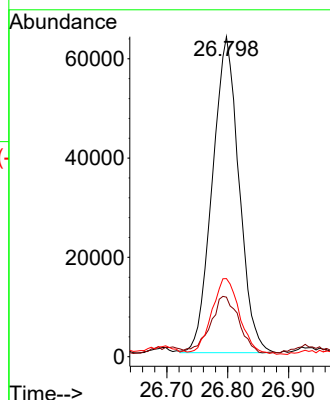
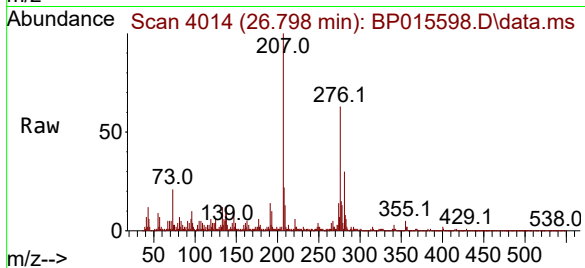
Tgt Ion:	276	Resp:	19307
Ion Ratio	Lower	Upper	
276	100		
138	18.6	17.3	25.9
277	24.4	20.2	30.2

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Supervised By :mohammad ahmed 06/20/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.047 ng/ul

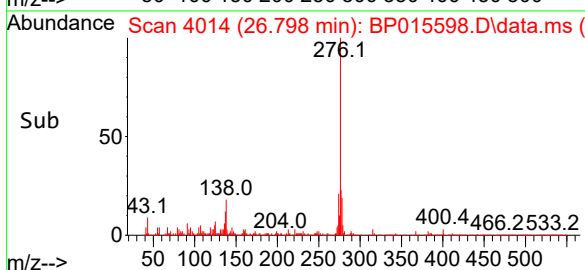
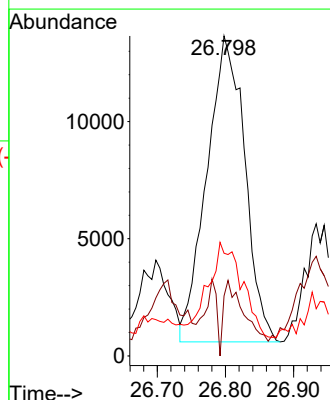
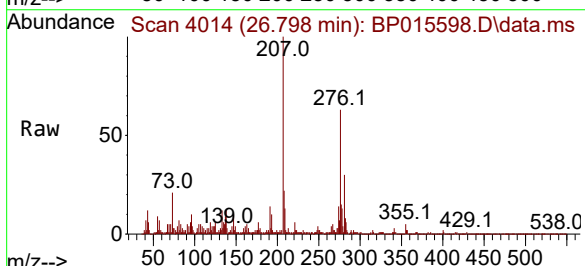
RT: 26.798 min Scan# 4014

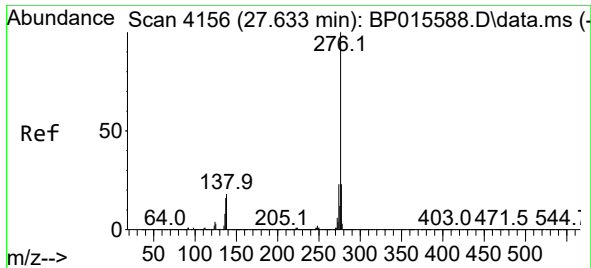
Delta R.T. -0.029 min

Lab File: BP015598.D

Acq: 17 Jun 2023 01:23

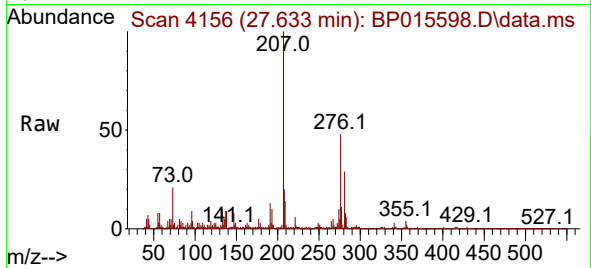
Tgt Ion:	278	Resp:	50502
Ion Ratio	Lower	Upper	
278	100		
139	18.7	11.4	17.0#
279	32.1	18.7	28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 3.616 ng/ul
 RT: 27.633 min Scan# 4156
 Delta R.T. -0.006 min
 Lab File: BP015598.D
 Acq: 17 Jun 2023 01:23

Instrument :
 BNA_P
 ClientSampleId :
 DCFH9



Tgt Ion:276 Resp: 176338
 Ion Ratio Lower Upper
 276 100
 138 19.4 15.6 23.4
 277 22.6 19.0 28.6

Manual Integrations
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 Supervised By :mohammad ahmed 06/20/2023

