

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015775.D
 Acq On : 28 Jun 2023 12:42
 Operator : MA/JU
 Sample : 03142-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 29 00:38:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	201425	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	831011	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	498619	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1034139	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	698036	20.000	ng/u1	0.00
88) Perylene-d12	24.104	264	745452	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	17970	3.210	ng/uL	0.00
4) Pyridine-d5	3.834	84	139581	9.891	ng/u1	0.00
7) Phenol-d5	7.234	99	306351	17.776	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	225751	21.173	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	265137	20.380	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	176925	12.995	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	130715	20.582	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	148038	19.972	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	227631	17.233	ng/u1	0.02
31) 4-Chloroaniline-d4	11.075	131	108125	6.372	ng/u1	0.04
46) Dimethylphthalate-d6	14.116	166	879336	22.817	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	976490	22.539	ng/u1	0.00
54) 4-Nitrophenol-d4	14.981	143	70130m	13.789	ng/u1	0.04
60) Fluorene-d10	15.704	176	729161	22.978	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	90174	14.179	ng/u1	0.01
73) Anthracene-d10	17.575	188	1027799m	21.758	ng/u1	0.00
81) Pyrene-d10	19.798	212	1140512	25.022	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	858279	22.824	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.516	178	82191	1.463	ng/u1	97
80) Fluoranthene	19.474	202	197134	3.480	ng/u1	96
82) Pyrene	19.827	202	161842	2.801	ng/u1#	95
85) Benzo(a)anthracene	21.545	228	88153m	1.795	ng/u1	
87) Chrysene	21.598	228	106805	2.293	ng/u1	96
90) Benzo(b)fluoranthene	23.327	252	161945	3.381	ng/u1#	76
91) Benzo(k)fluoranthene	23.368	252	53118	1.098	ng/u1#	81
93) Benzo(a)pyrene	23.992	252	105391	2.518	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.815	276	103676	1.825	ng/u1#	89
96) Benzo(g,h,i)perylene	27.651	276	98102	2.099	ng/u1	98

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

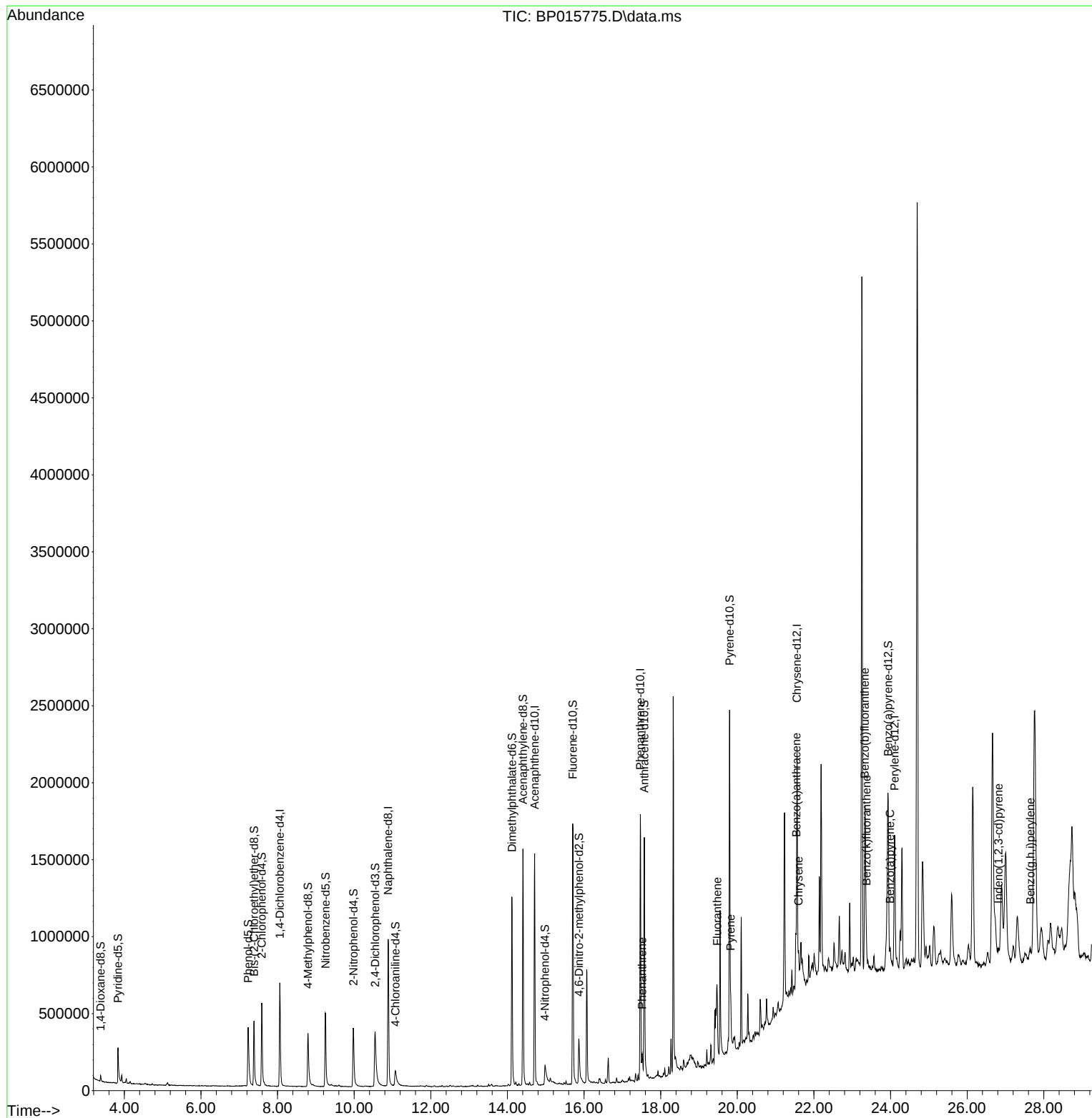
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015775.D
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ALS Vial : 9 Sample Multiplier: 1

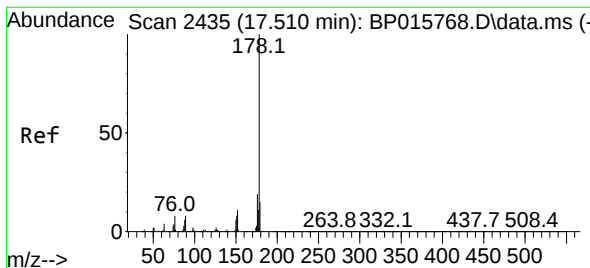
Instrument :
BNA_P
ClientSampleId :
DCFT2

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.463 ng/ul

RT: 17.516 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Instrument :

BNA_P

ClientSampleId :

DCFT2

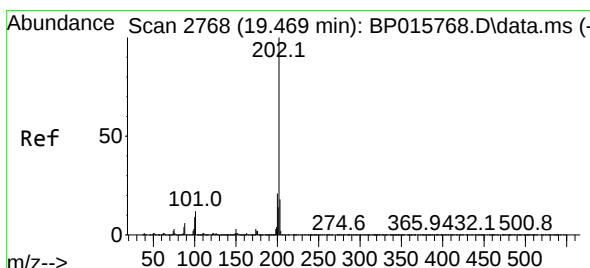
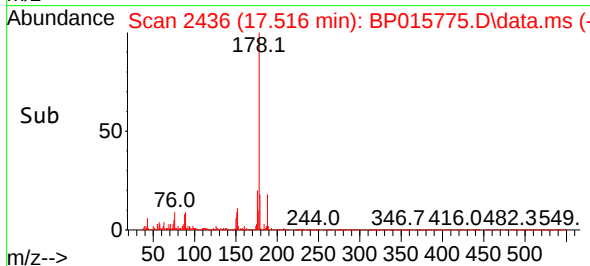
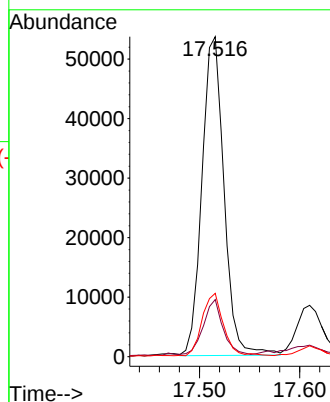
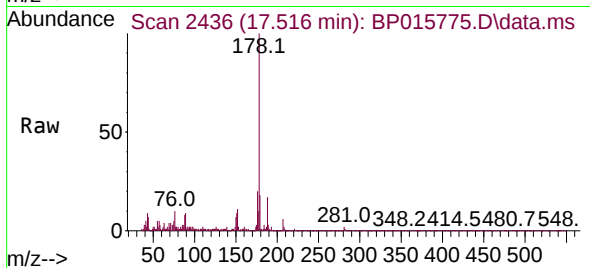
Tgt Ion:178	Resp:	8219
Ion Ratio	Lower	Upper
178	100	
179	17.8	12.4 18.6
176	19.8	15.6 23.4

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2023



#80

Fluoranthene

Concen: 3.480 ng/ul

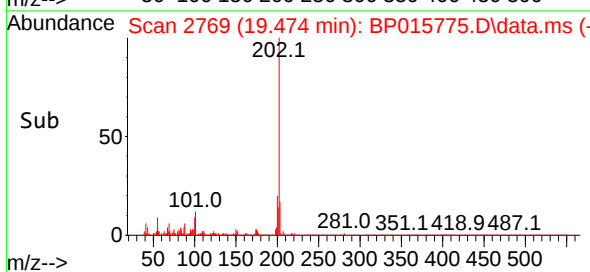
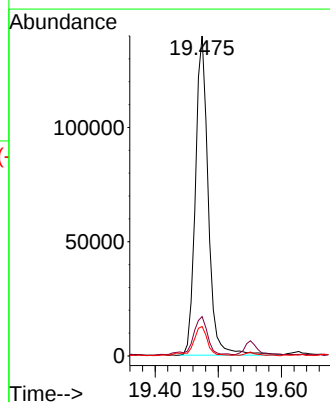
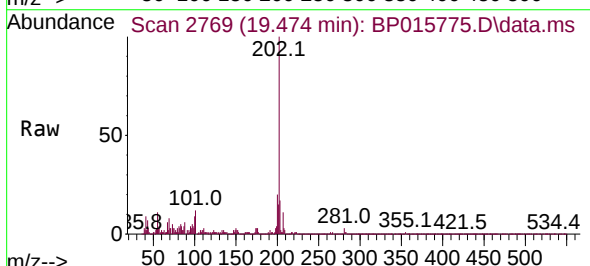
RT: 19.474 min Scan# 2769

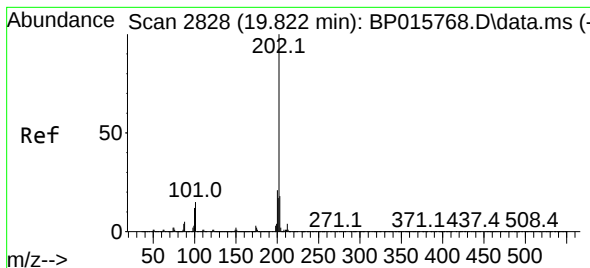
Delta R.T. 0.000 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Tgt Ion:202	Resp:	197134
Ion Ratio	Lower	Upper
202	100	
101	12.3	8.3 12.5
100	9.2	6.6 9.8





#82

Pyrene

Concen: 2.801 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Instrument :

BNA_P

ClientSampleId :

DCFT2

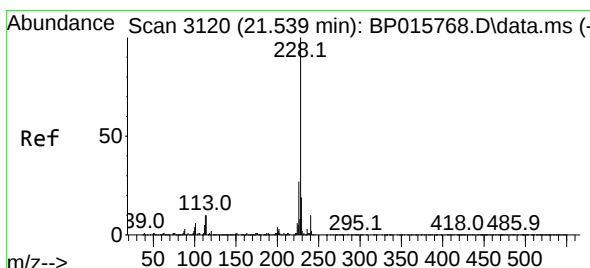
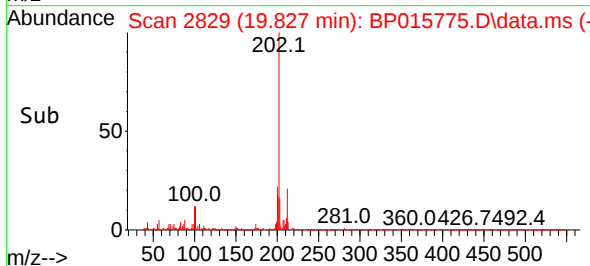
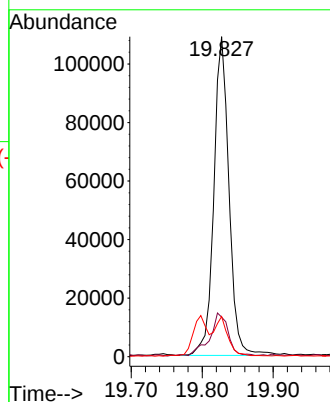
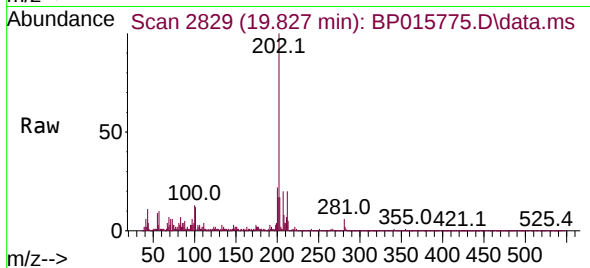
Tgt Ion:	202	Resp:	16184
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.3	13.9
100	12.5	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 1.795 ng/ul m

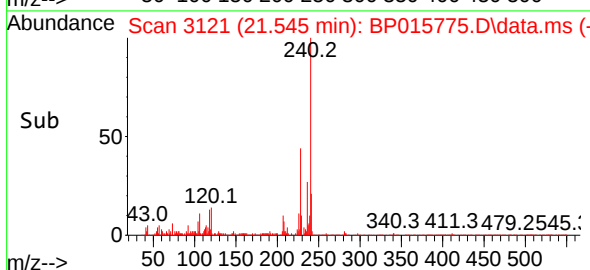
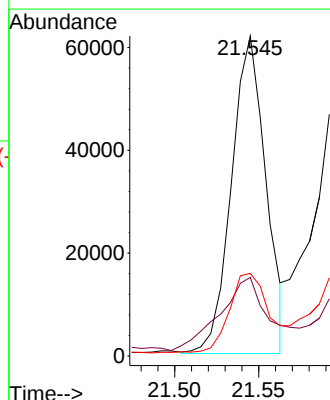
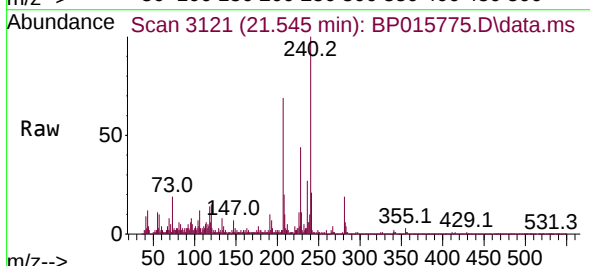
RT: 21.545 min Scan# 3121

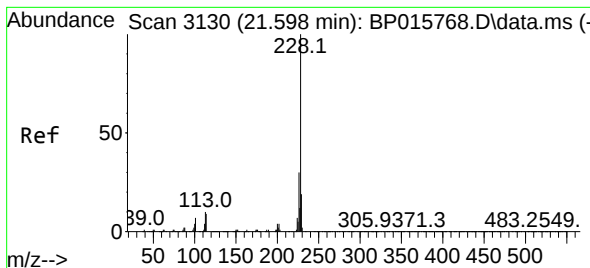
Delta R.T. 0.000 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Tgt Ion:	228	Resp:	88153
Ion Ratio	Lower	Upper	
228	100		
229	24.6	15.3	22.9
226	25.8	21.4	32.0





#87

Chrysene

Concen: 2.293 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Instrument :

BNA_P

ClientSampleId :

DCFT2

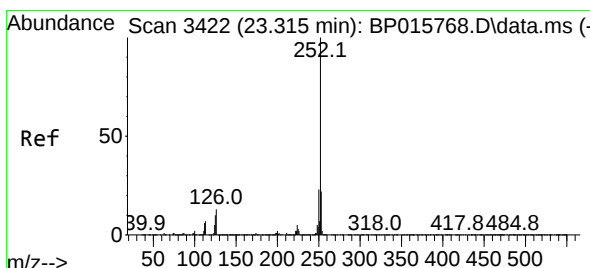
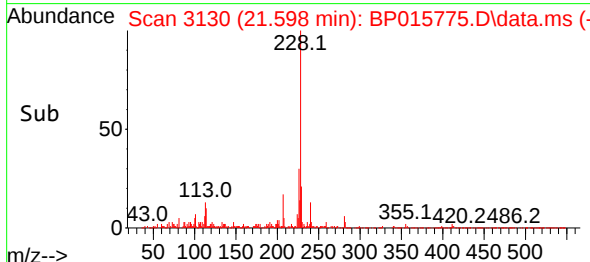
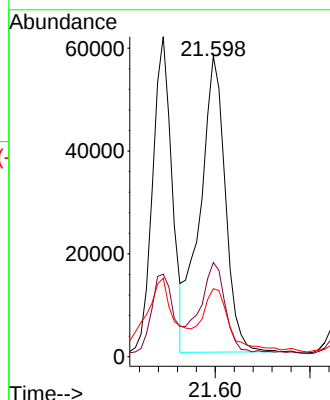
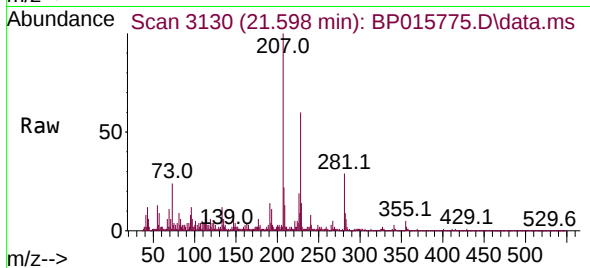
Tgt Ion:228	Resp: 10680
Ion Ratio	Lower Upper
228 100	
226 31.3	24.3 36.5
229 22.6	15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2023



#90

Benzo(b)fluoranthene

Concen: 3.381 ng/ul

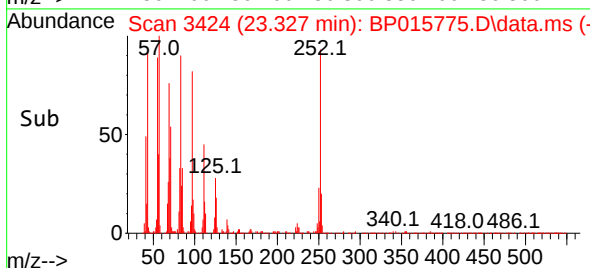
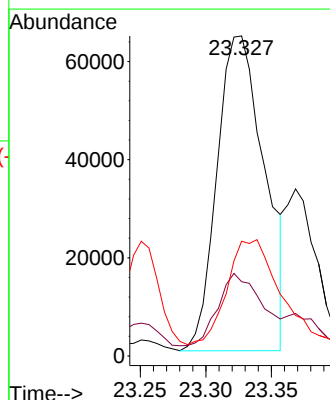
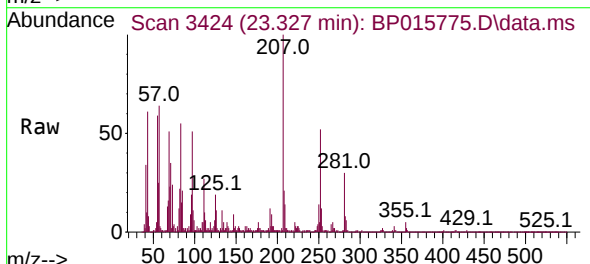
RT: 23.327 min Scan# 3424

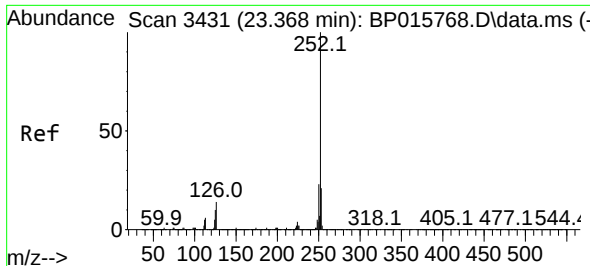
Delta R.T. 0.000 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Tgt Ion:252	Resp: 161945
Ion Ratio	Lower Upper
252 100	
253 23.2	17.3 25.9
125 35.9	7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 1.098 ng/ul
RT: 23.368 min Scan# 3431
Delta R.T. -0.012 min
Lab File: BP015775.D
Acq: 28 Jun 2023 12:42

Instrument :

BNA_P

ClientSampleId :

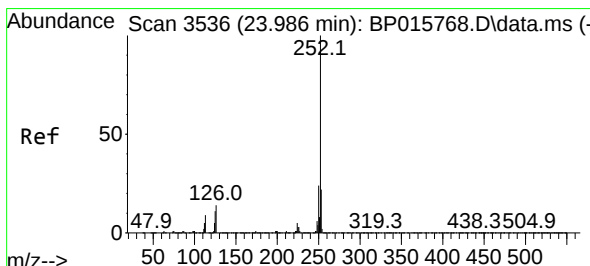
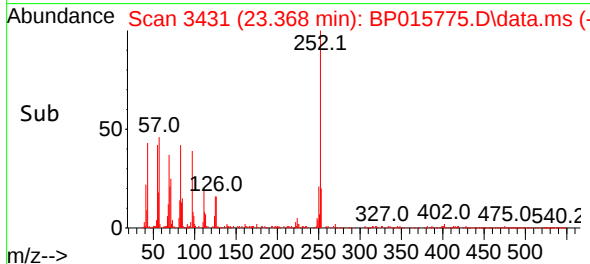
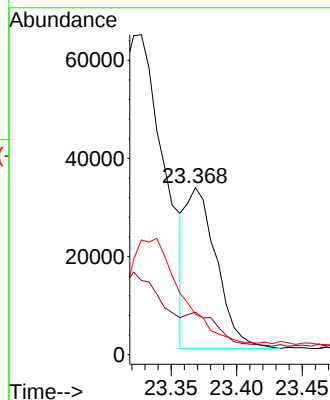
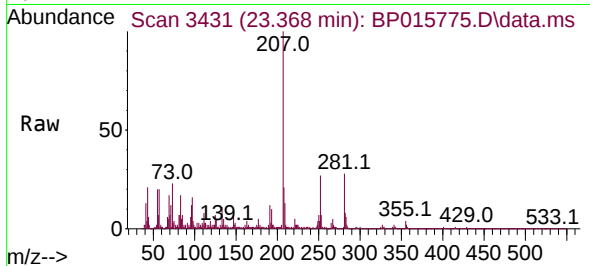
DCFT2

Tgt Ion:252 Resp: 53118
Ion Ratio Lower Upper
252 100
253 25.5 17.0 25.4
125 24.3 7.3 10.9

Manual Integrations

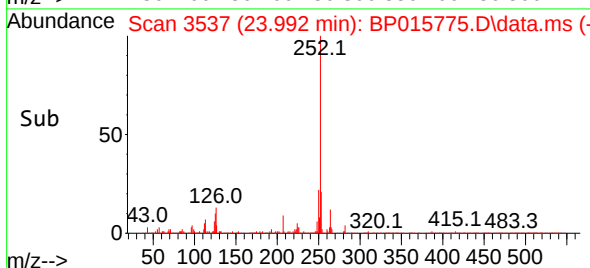
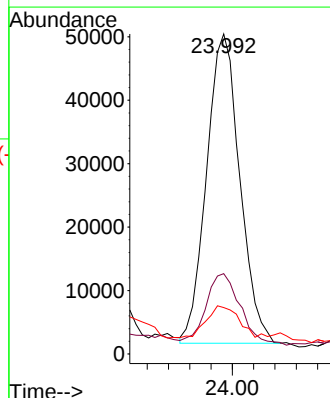
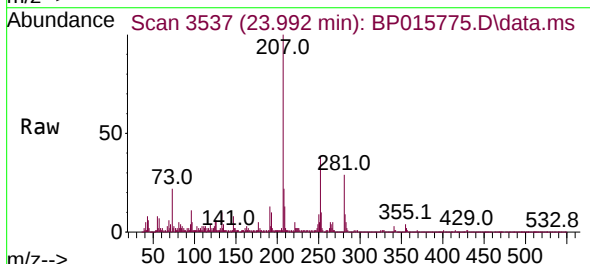
APPROVED

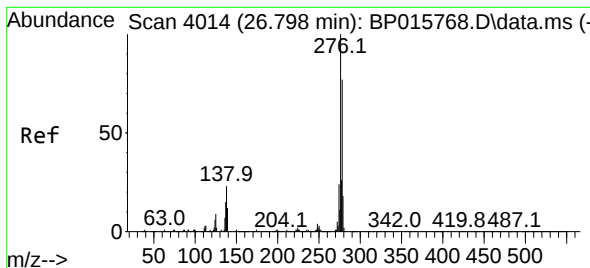
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#93
Benzo(a)pyrene
Concen: 2.518 ng/ul
RT: 23.992 min Scan# 3537
Delta R.T. -0.012 min
Lab File: BP015775.D
Acq: 28 Jun 2023 12:42

Tgt Ion:252 Resp: 105391
Ion Ratio Lower Upper
252 100
253 25.1 17.7 26.5
125 14.5 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.825 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.000 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Instrument :

BNA_P

ClientSampleId :

DCFT2

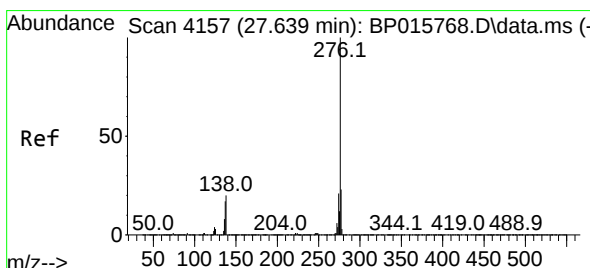
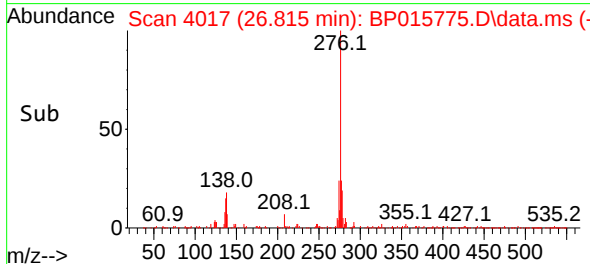
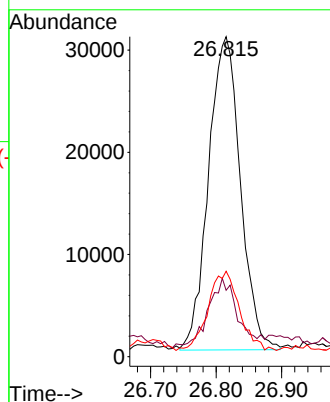
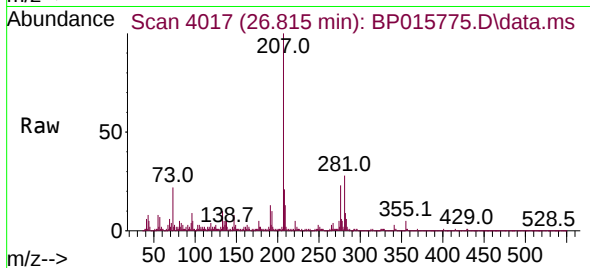
Tgt Ion:	276	Resp:	103670
Ion Ratio	Lower	Upper	
276	100		
138	27.9	15.7	23.5
277	26.7	19.6	29.4

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2023



#96

Benzo(g,h,i)perylene

Concen: 2.099 ng/ul

RT: 27.651 min Scan# 4159

Delta R.T. -0.006 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Tgt Ion:	276	Resp:	98102
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.1	22.7
277	24.7	18.8	28.2

