

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015788.D
 Acq On : 28 Jun 2023 20:38
 Operator : MA/JU
 Sample : 03142-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT0

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 02:44:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	278255	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1149195	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	672041	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1214160	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	859382	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1084700	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	17528	2.266	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	279405	11.736	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	215077	14.602	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	237018	13.188	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	127161	6.761	ng/ul	0.01
21) Nitrobenzene-d5	9.251	128	116919	13.313	ng/ul	0.01
24) 2-Nitrophenol-d4	9.975	143	128617	12.548	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	203156	11.122	ng/ul	0.04
31) 4-Chloroaniline-d4	11.087	131	59973m	2.556	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	745435	14.351	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	819839	14.040	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	47865m	6.983	ng/ul	0.05
60) Fluorene-d10	15.704	176	596781	13.953	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	64908m	8.693	ng/ul	0.01
73) Anthracene-d10	17.569	188	763213	13.761	ng/ul	0.00
81) Pyrene-d10	19.792	212	774177	13.796	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	771091	14.092	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	72099	1.093	ng/ul	99
80) Fluoranthene	19.474	202	186915	2.680	ng/ul	96
82) Pyrene	19.822	202	195932	2.754	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	207918	3.439	ng/ul	96
87) Chrysene	21.592	228	322298	5.619	ng/ul	99
90) Benzo(b)fluoranthene	23.315	252	619857	8.894	ng/ul#	93
91) Benzo(k)fluoranthene	23.363	252	180650m	2.565	ng/ul	
93) Benzo(a)pyrene	23.980	252	337889	5.548	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.798	276	284675	3.443	ng/ul	96
95) Dibenzo(a,h)anthracene	26.798	278	84506	1.244	ng/ul#	86
96) Benzo(g,h,i)perylene	27.633	276	269779	3.967	ng/ul	96

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

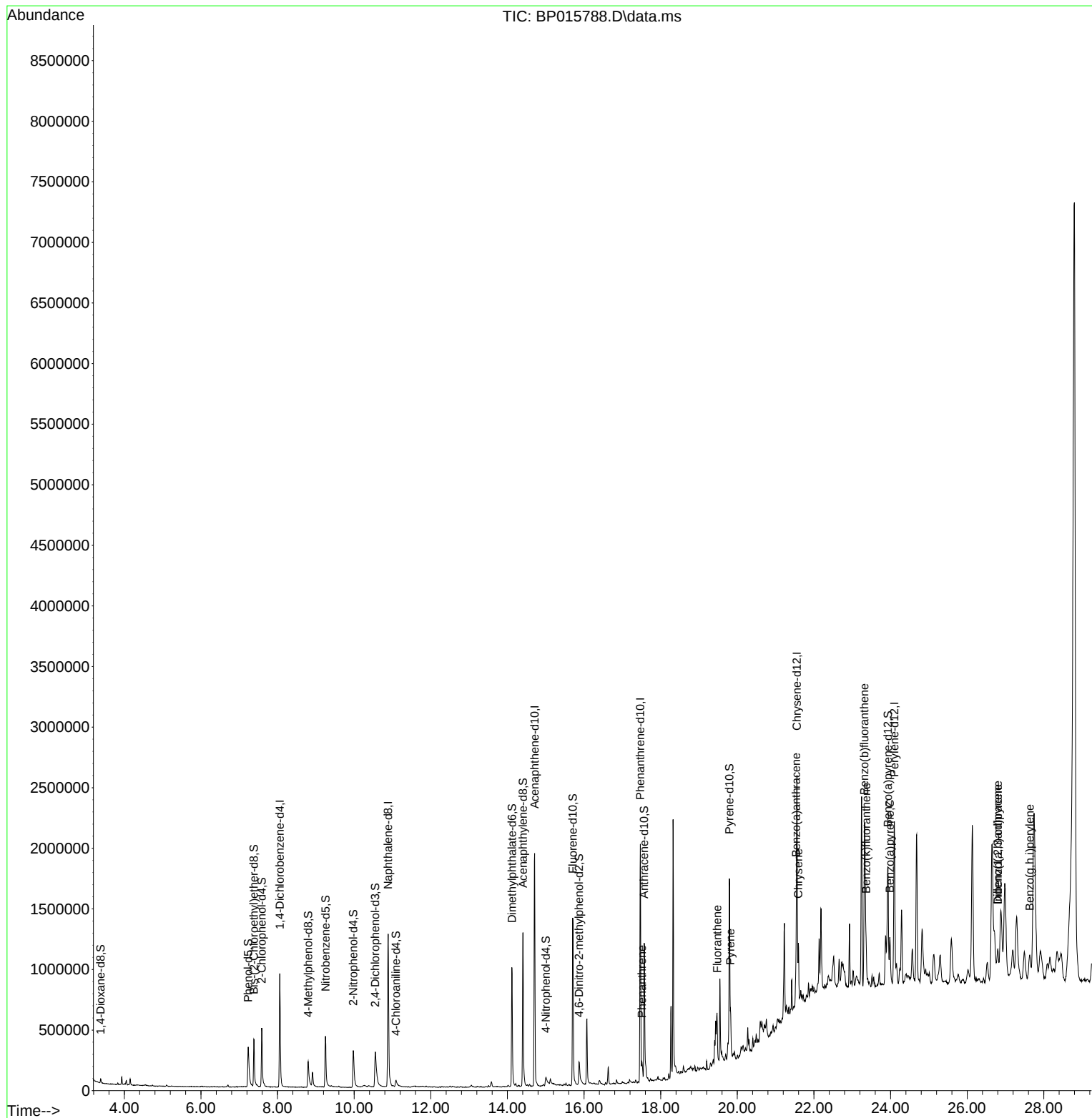
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015788.D
Acq On : 28 Jun 2023 20:38
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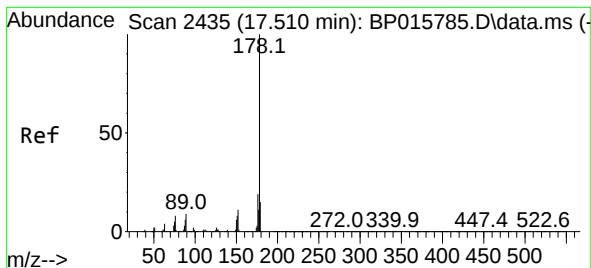
Instrument :
BNA_P
ClientSampleId :
DCFT0

Quant Time: Jun 29 02:44:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
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#72

Phenanthrene

Concen: 1.093 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP015788.D

Acq: 28 Jun 2023 20:38

Instrument :

BNA_P

ClientSampleId :

DCFT0

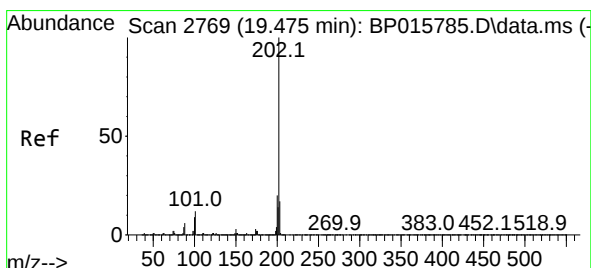
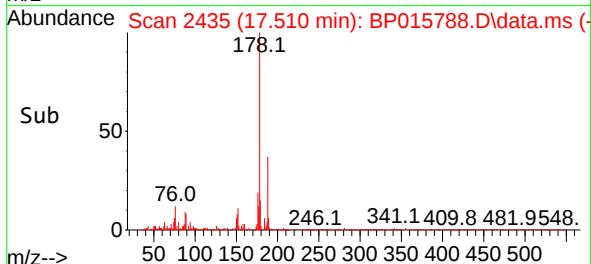
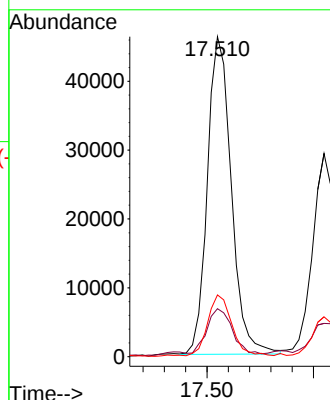
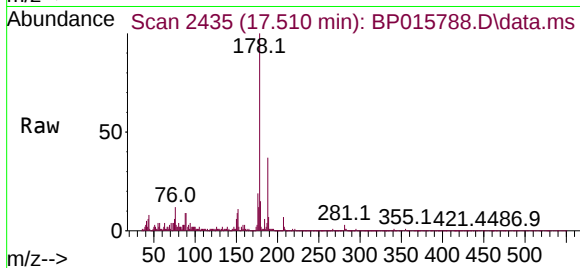
Tgt Ion:	178	Resp:	72099
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.4	18.6
176	19.3	15.6	23.4

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Supervised By :mohammad ahmed 06/29/2023



#80

Fluoranthene

Concen: 2.680 ng/ul

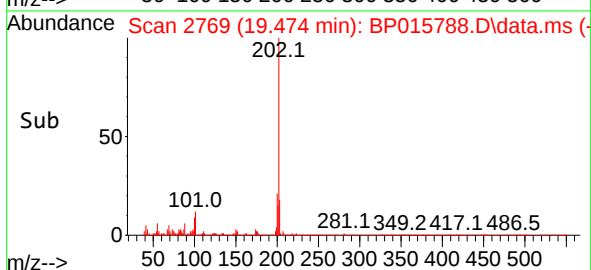
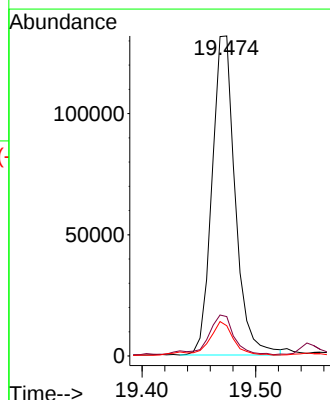
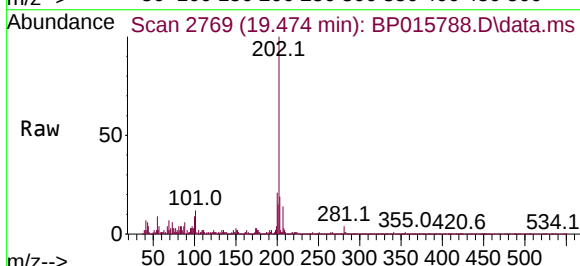
RT: 19.474 min Scan# 2769

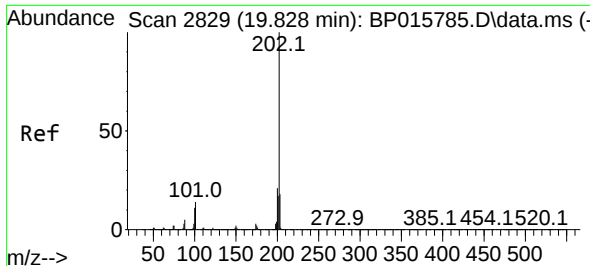
Delta R.T. -0.000 min

Lab File: BP015788.D

Acq: 28 Jun 2023 20:38

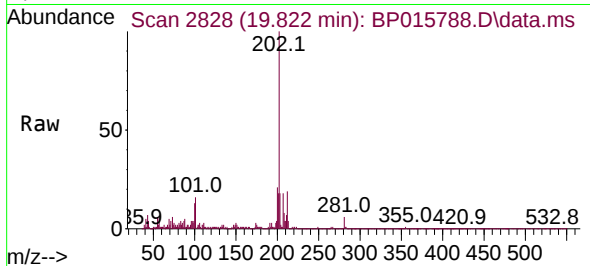
Tgt Ion:	202	Resp:	186915
Ion Ratio	Lower	Upper	
202	100		
101	12.3	8.3	12.5
100	9.4	6.6	9.8





#82
Pyrene
Concen: 2.754 ng/ul
RT: 19.822 min Scan# 21593
Delta R.T. -0.006 min
Lab File: BP015788.D
Acq: 28 Jun 2023 20:38

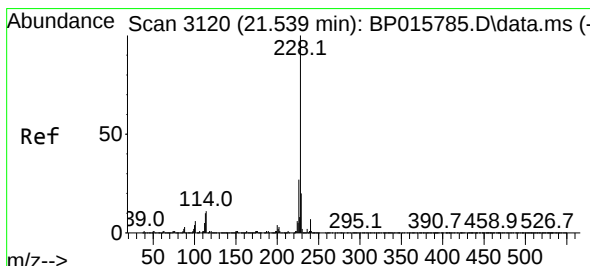
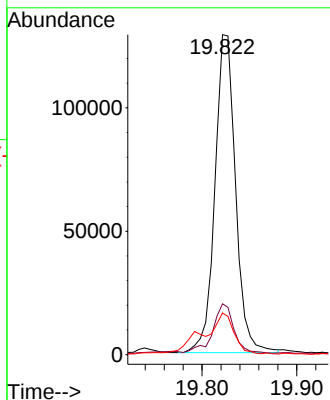
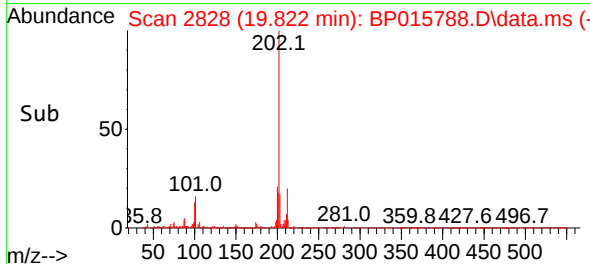
Instrument :
BNA_P
ClientSampleId :
DCFT0



Tgt Ion:202 Resp: 195932
Ion Ratio Lower Upper
202 100
101 15.9 9.3 13.9
100 13.0 7.6 11.4

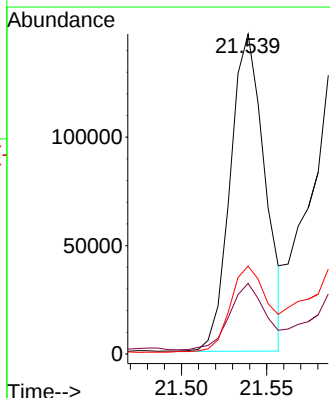
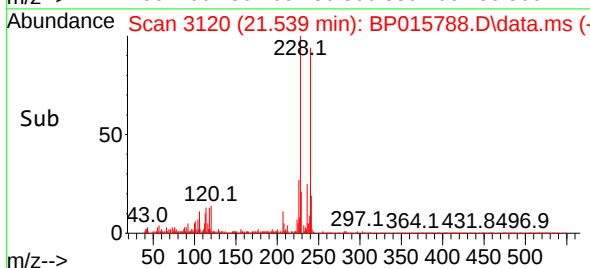
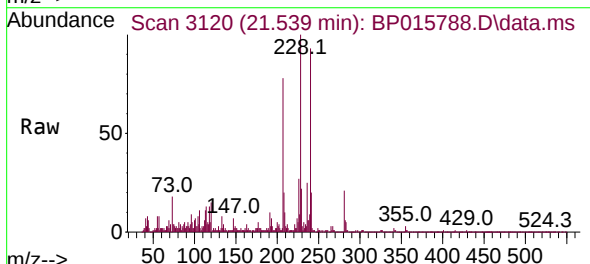
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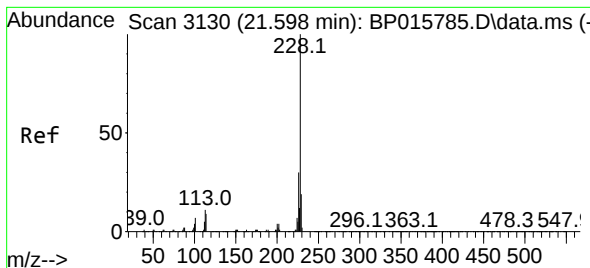
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#85
Benzo(a)anthracene
Concen: 3.439 ng/ul
RT: 21.539 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP015788.D
Acq: 28 Jun 2023 20:38

Tgt Ion:228 Resp: 207918
Ion Ratio Lower Upper
228 100
229 22.0 15.3 22.9
226 27.4 21.4 32.0





#87

Chrysene

Concen: 5.619 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP015788.D

Acq: 28 Jun 2023 20:38

Instrument :

BNA_P

ClientSampleId :

DCFT0

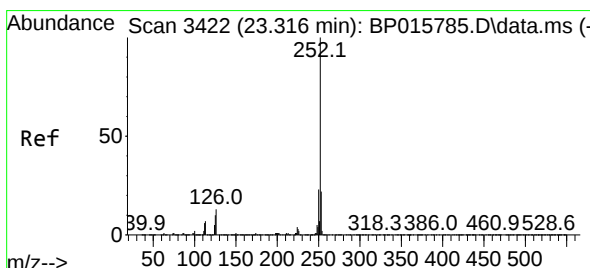
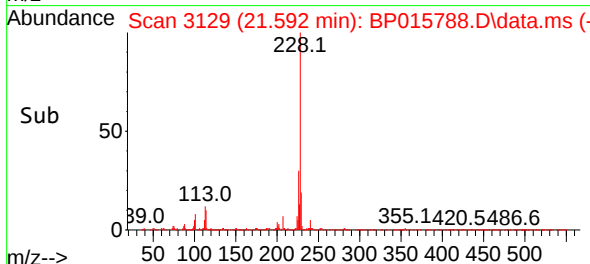
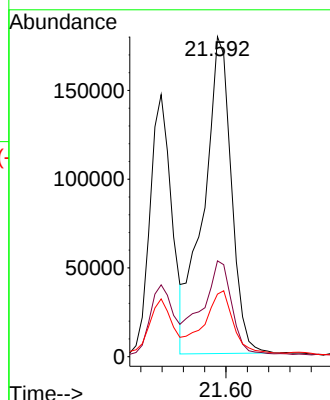
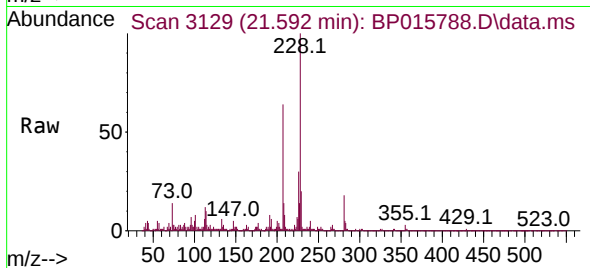
Tgt Ion:228	Resp: 322298
Ion Ratio	Lower Upper
228 100	
226 29.9	24.3 36.5
229 19.5	15.5 23.3

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#90

Benzo(b)fluoranthene

Concen: 8.894 ng/ul

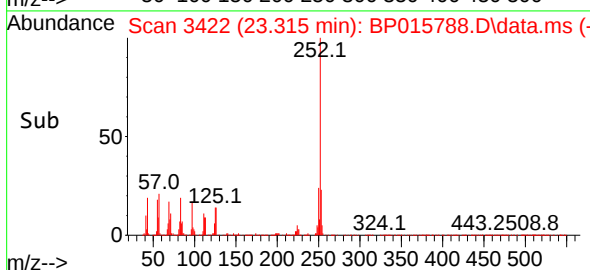
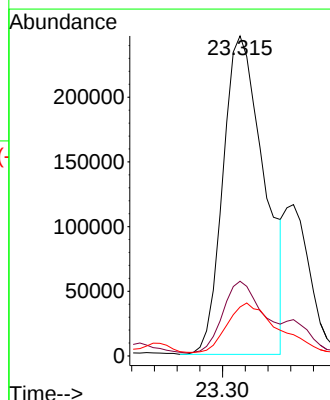
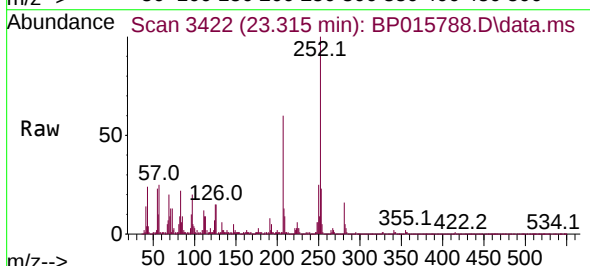
RT: 23.315 min Scan# 3422

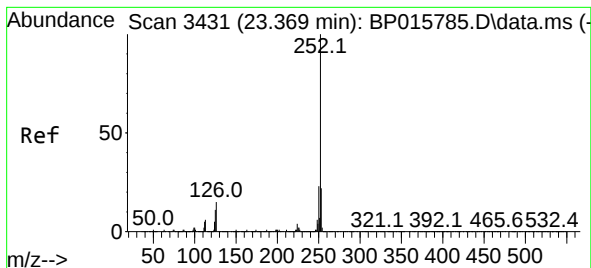
Delta R.T. -0.000 min

Lab File: BP015788.D

Acq: 28 Jun 2023 20:38

Tgt Ion:252	Resp: 619857
Ion Ratio	Lower Upper
252 100	
253 23.4	17.3 25.9
125 15.3	7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 2.565 ng/ul m

RT: 23.363 min Scan# 3431

Delta R.T. -0.006 min

Lab File: BP015788.D

Acq: 28 Jun 2023 20:38

Instrument :

BNA_P

ClientSampleId :

DCFT0

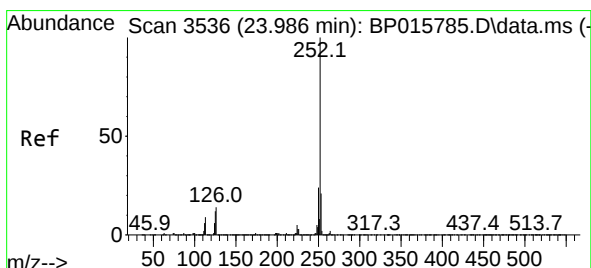
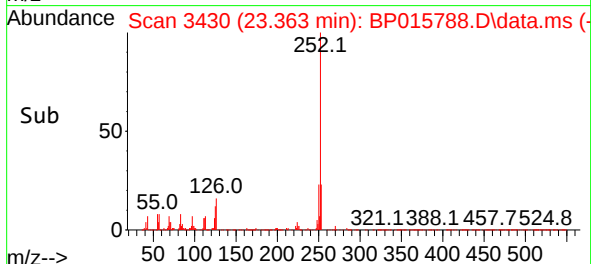
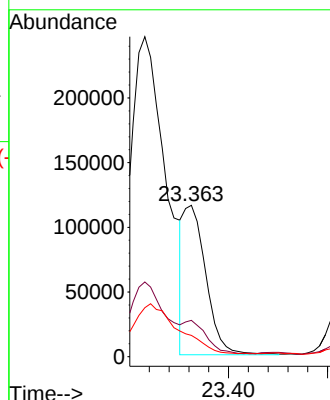
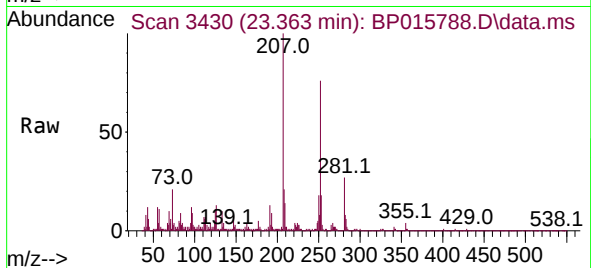
Tgt Ion:252 Resp: 180650
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.0 25.4
 125 14.1 7.3 10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2023



#93

Benzo(a)pyrene

Concen: 5.548 ng/ul

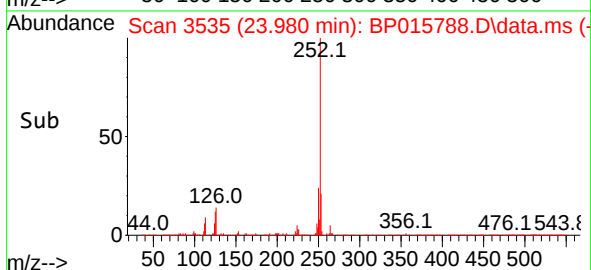
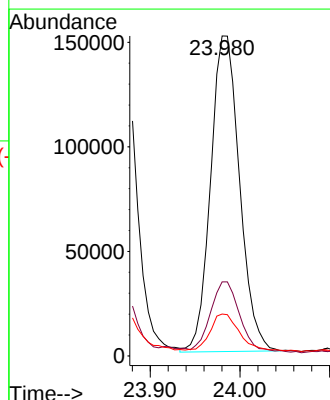
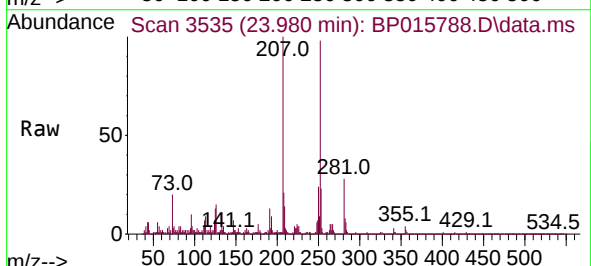
RT: 23.980 min Scan# 3535

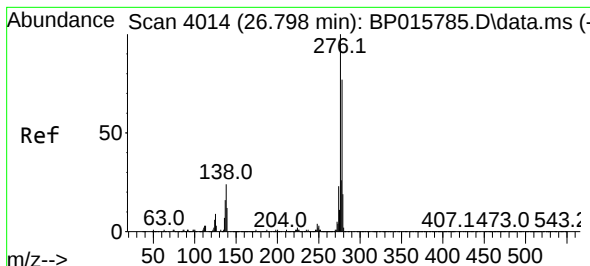
Delta R.T. -0.006 min

Lab File: BP015788.D

Acq: 28 Jun 2023 20:38

Tgt Ion:252 Resp: 337889
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.7 26.5
 125 13.1 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.443 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.000 min

Lab File: BP015788.D

Acq: 28 Jun 2023 20:38

Instrument :

BNA_P

ClientSampleId :

DCFT0

Tgt Ion:276 Resp: 28467

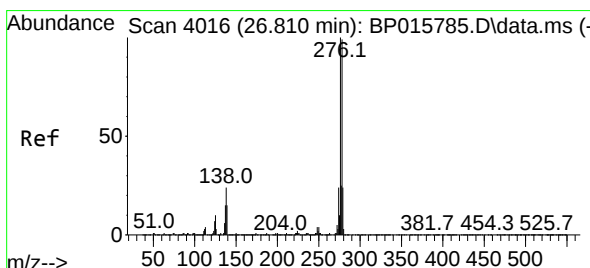
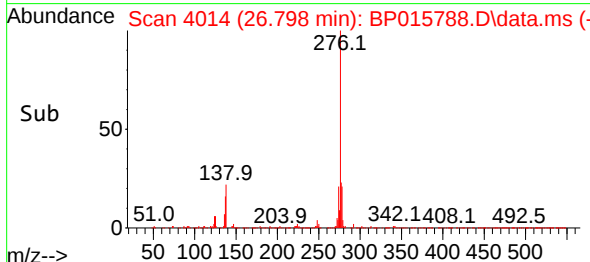
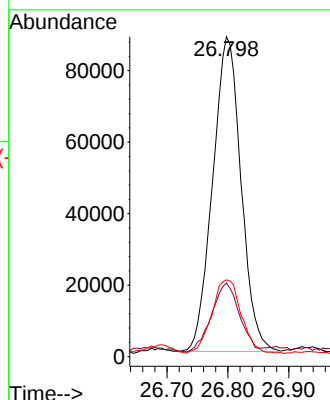
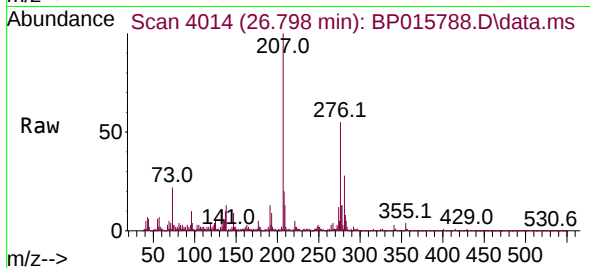
Ion	Ratio	Lower	Upper
276	100		
138	23.1	15.7	23.5
277	24.0	19.6	29.4

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.244 ng/ul

RT: 26.798 min Scan# 4014

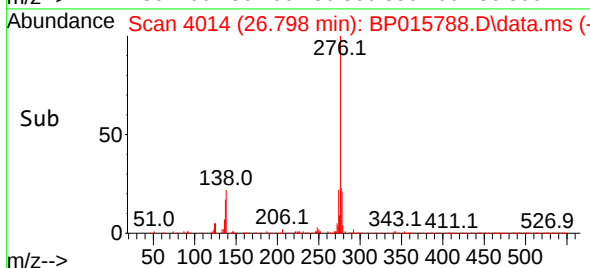
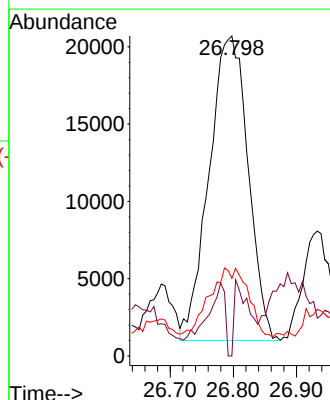
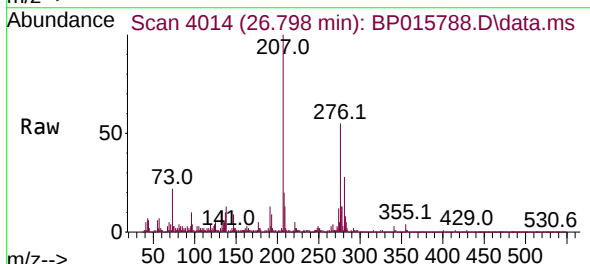
Delta R.T. -0.012 min

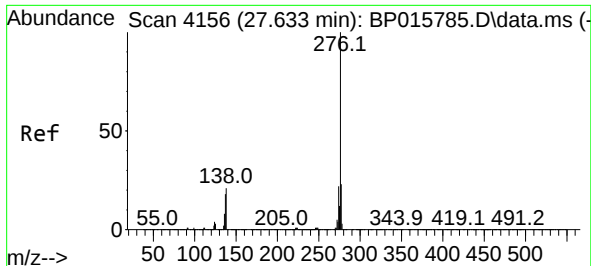
Lab File: BP015788.D

Acq: 28 Jun 2023 20:38

Tgt Ion:278 Resp: 84506

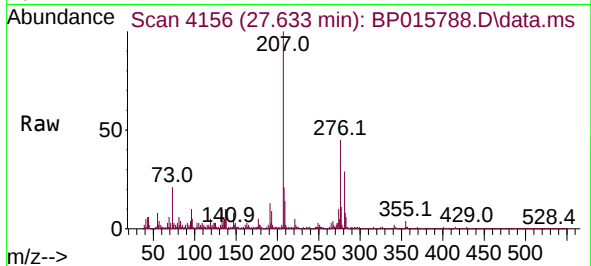
Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.5	15.7#
279	24.3	18.4	27.6





#96
 Benzo(g,h,i)perylene
 Concen: 3.967 ng/ul
 RT: 27.633 min Scan# 4156
 Delta R.T. -0.000 min
 Lab File: BP015788.D
 Acq: 28 Jun 2023 20:38

Instrument :
 BNA_P
 ClientSampleId :
 DCFT0



Tgt Ion:276 Resp: 269779
 Ion Ratio Lower Upper
 276 100
 138 21.7 15.1 22.7
 277 24.2 18.8 28.2

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