

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015811.D
 Acq On : 29 Jun 2023 15:13
 Operator : MA/JU
 Sample : 03143-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 23:37:24 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	306818	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	1317121	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.704	164	763287	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1454721	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	962448	20.000	ng/u1	# 0.00
88) Perylene-d12	24.104	264	1112089	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	17517	2.054	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.240	99	308718	11.760	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	226231	13.929	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	259370	13.088	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	195695	9.436	ng/u1	0.01
21) Nitrobenzene-d5	9.252	128	123201	12.239	ng/u1	0.01
24) 2-Nitrophenol-d4	9.981	143	132817	11.305	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.557	165	211671	10.111	ng/u1	0.04
31) 4-Chloroaniline-d4	11.087	131	116654m	4.338	ng/u1	0.05
46) Dimethylphthalate-d6	14.116	166	770451	13.059	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	870082	13.119	ng/u1	0.00
54) 4-Nitrophenol-d4	15.010	143	54172m	6.958	ng/u1	0.06
60) Fluorene-d10	15.710	176	632197	13.014	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	56617	6.328	ng/u1	0.02
73) Anthracene-d10	17.569	188	840855	12.654	ng/u1	0.00
81) Pyrene-d10	19.792	212	876331	13.944	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	747387	13.323	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	118621	1.501	ng/u1	98
80) Fluoranthene	19.469	202	331923	4.250	ng/u1#	93
82) Pyrene	19.827	202	272346	3.418	ng/u1#	90
85) Benzo(a)anthracene	21.539	228	141406	2.089	ng/u1	96
87) Chrysene	21.598	228	175721m	2.736	ng/u1	
90) Benzo(b)fluoranthene	23.321	252	279153	3.907	ng/u1#	87
91) Benzo(k)fluoranthene	23.363	252	80201m	1.111	ng/u1	
93) Benzo(a)pyrene	23.986	252	162434	2.602	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	26.809	276	137985	1.628	ng/u1	96
96) Benzo(g,h,i)perylene	27.639	276	120638	1.730	ng/u1#	87

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

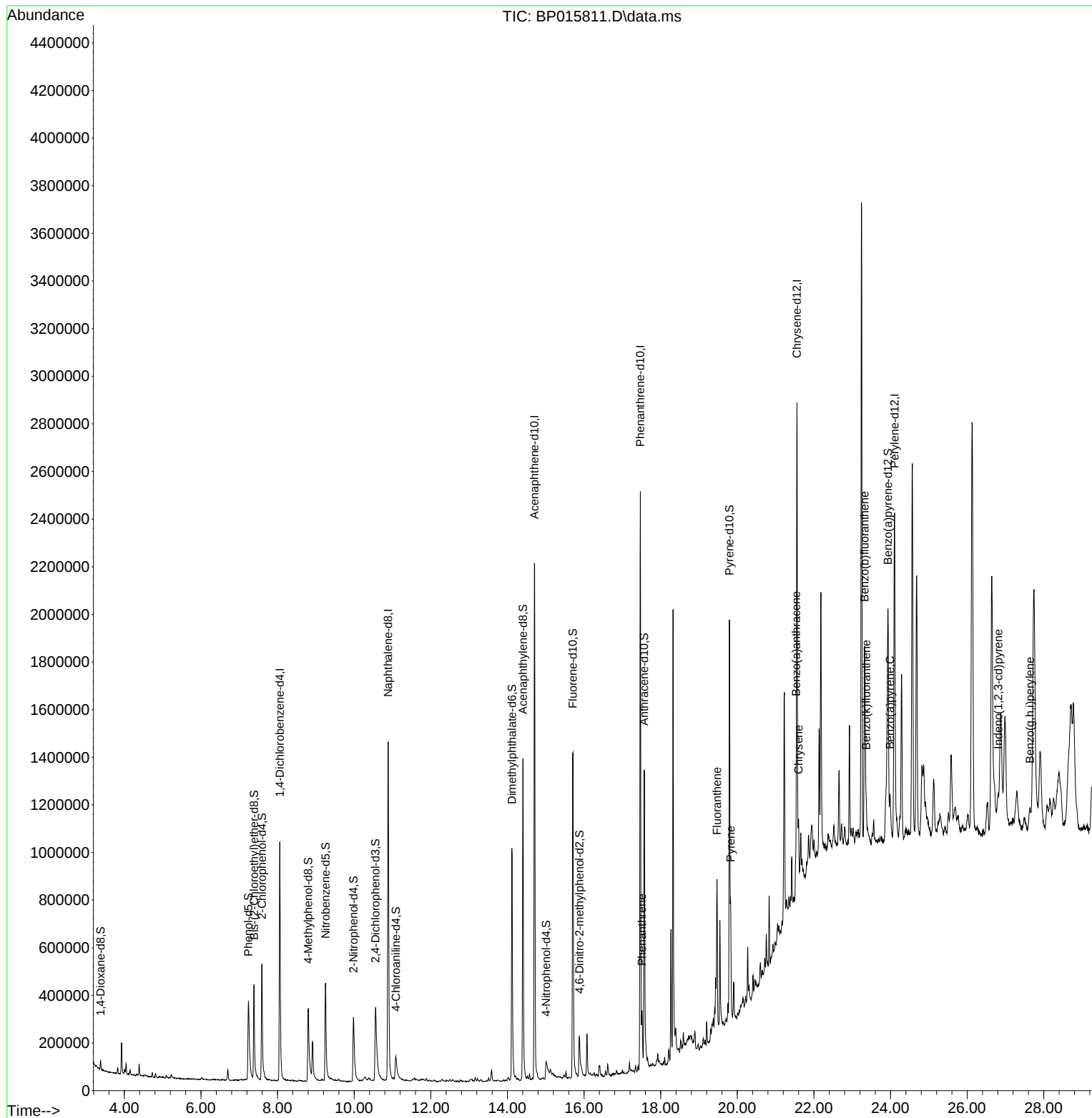
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015811.D
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ALS Vial : 16 Sample Multiplier: 1

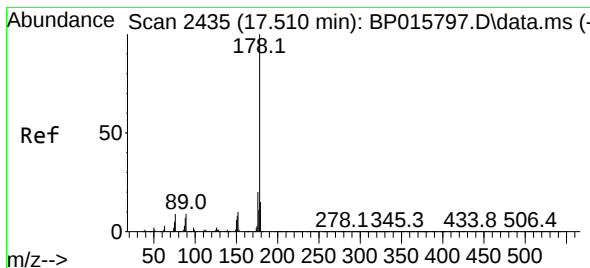
Instrument :
BNA_P
ClientSampleId :
DCFV5

Quant Time: Jun 29 23:37:24 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: 1.501 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

Instrument :

BNA_P

ClientSampleId :

DCFV5

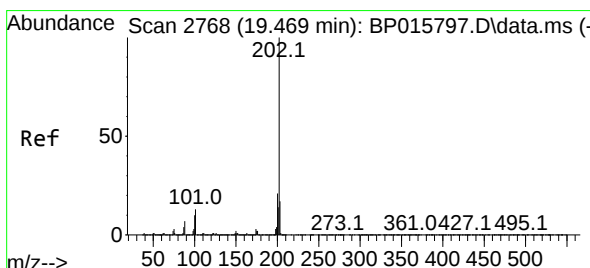
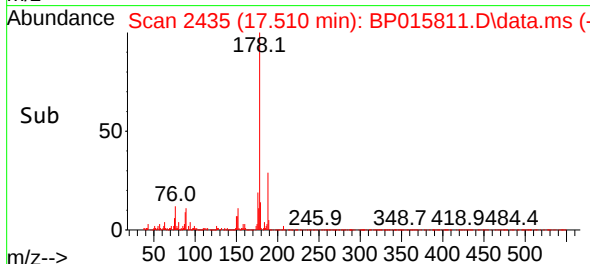
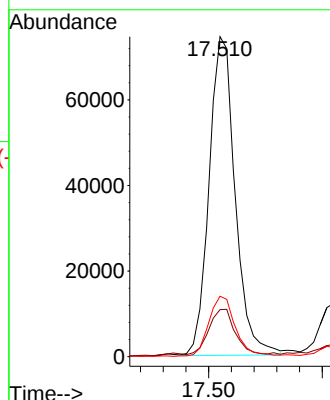
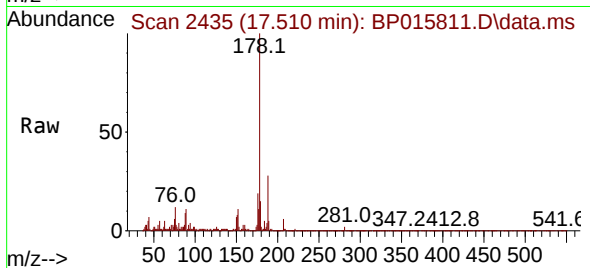
Tgt Ion:178	Resp: 11862
Ion Ratio	Lower Upper
178 100	
179 14.7	12.4 18.6
176 18.9	15.6 23.4

Manual Integrations

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#80

Fluoranthene

Concen: 4.250 ng/ul

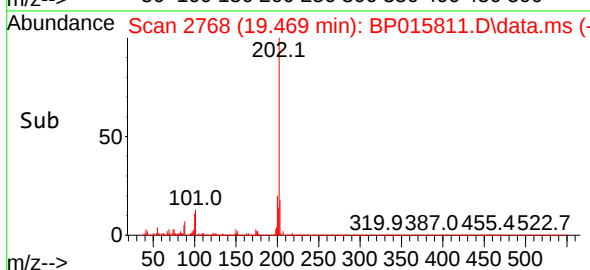
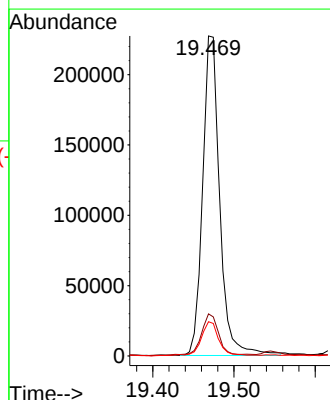
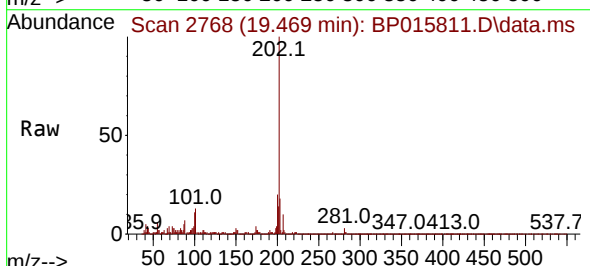
RT: 19.469 min Scan# 2768

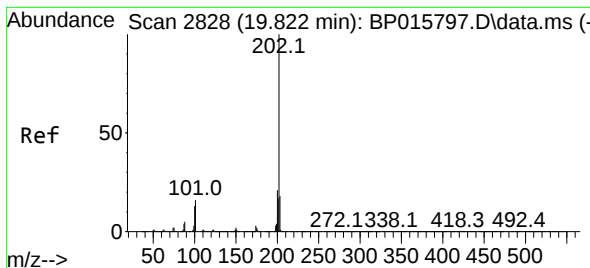
Delta R.T. -0.006 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

Tgt Ion:202	Resp: 331923
Ion Ratio	Lower Upper
202 100	
101 13.2	8.3 12.5#
100 10.7	6.6 9.8#





#82

Pyrene

Concen: 3.418 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

Instrument :

BNA_P

ClientSampleId :

DCFV5

Tgt Ion:202 Resp: 272340

Ion Ratio Lower Upper

202 100

101 15.2 9.3 13.9

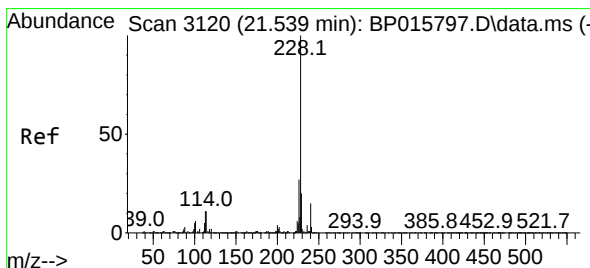
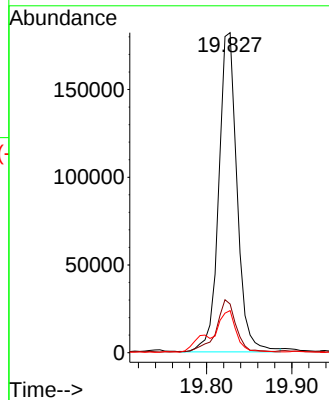
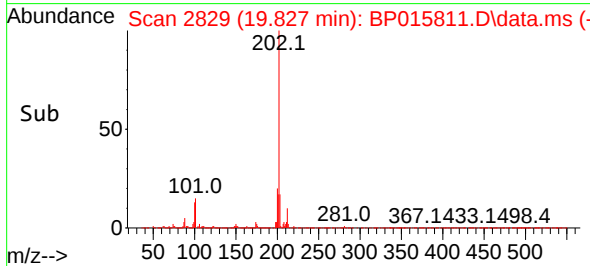
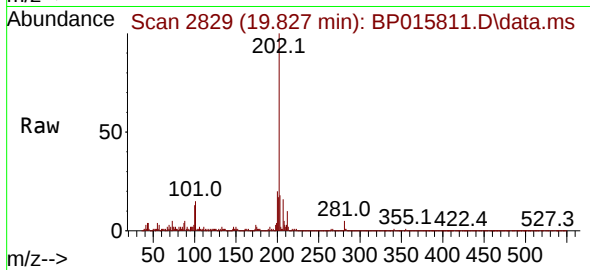
100 13.2 7.6 11.4

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#85

Benzo(a)anthracene

Concen: 2.089 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

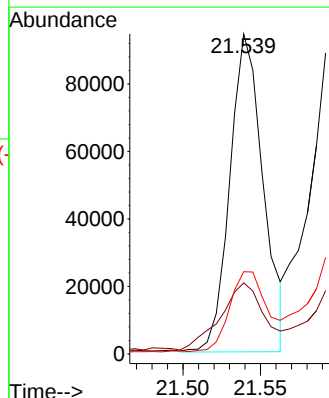
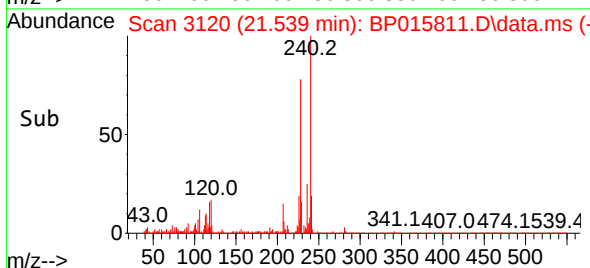
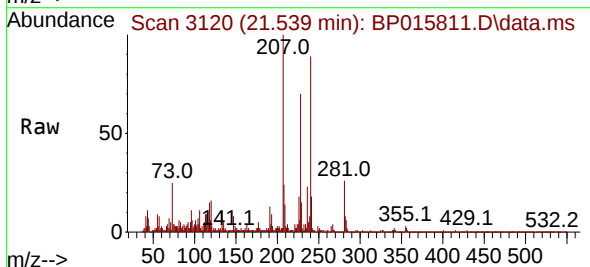
Tgt Ion:228 Resp: 141406

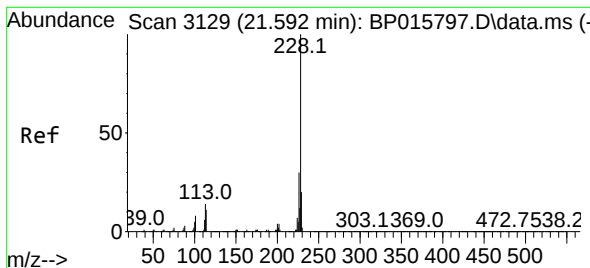
Ion Ratio Lower Upper

228 100

229 22.2 15.3 22.9

226 25.7 21.4 32.0





#87

Chrysene

Concen: 2.736 ng/ul m

RT: 21.598 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

Instrument :

BNA_P

ClientSampleId :

DCFV5

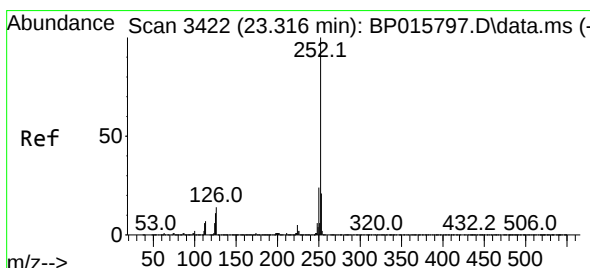
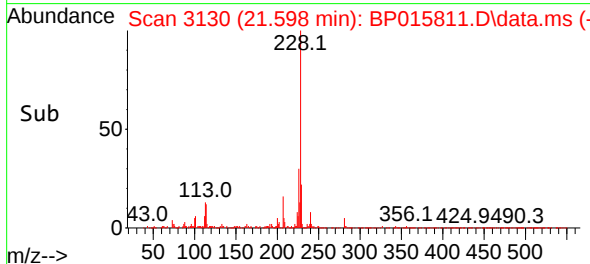
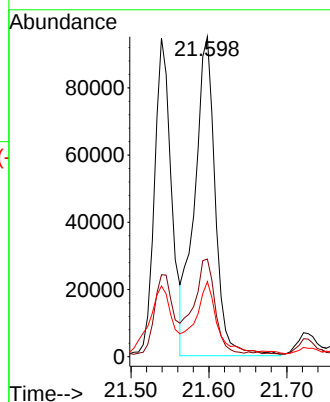
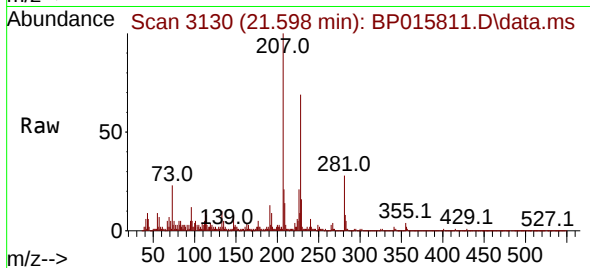
Tgt Ion:	228	Resp:	17572
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.3	36.5
229	23.4	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#90

Benzo(b)fluoranthene

Concen: 3.907 ng/ul

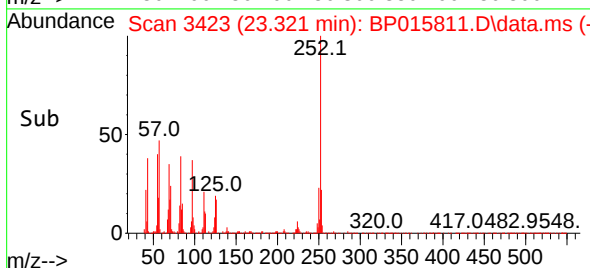
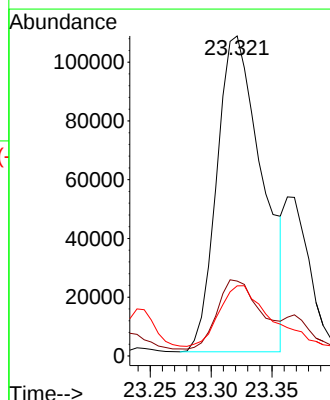
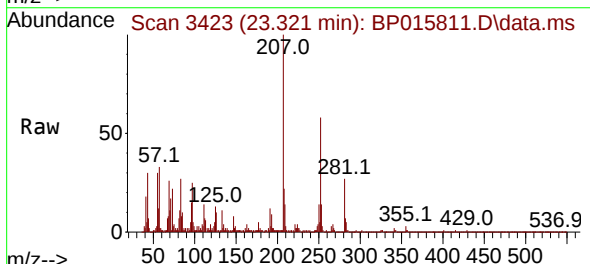
RT: 23.321 min Scan# 3423

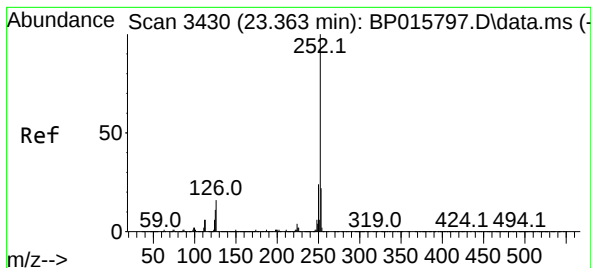
Delta R.T. 0.006 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

Tgt Ion:	252	Resp:	279153
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.3	25.9
125	21.9	7.5	11.3





#91

Benzo(k)fluoranthene

Concen: 1.111 ng/ul m

RT: 23.363 min Scan# 3430

Delta R.T. -0.006 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

Instrument :

BNA_P

ClientSampleId :

DCFV5

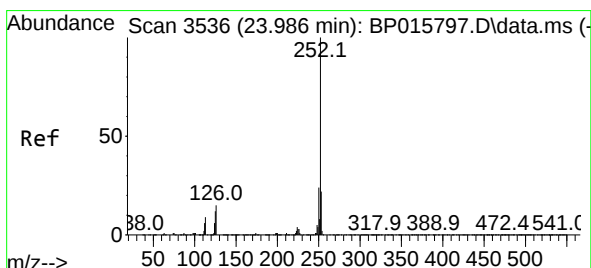
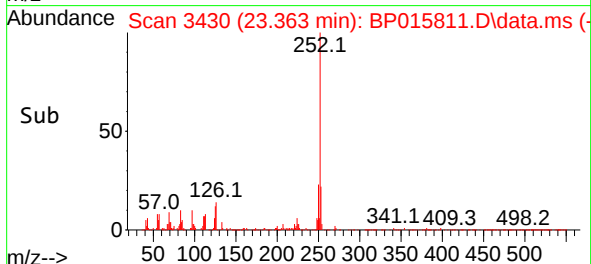
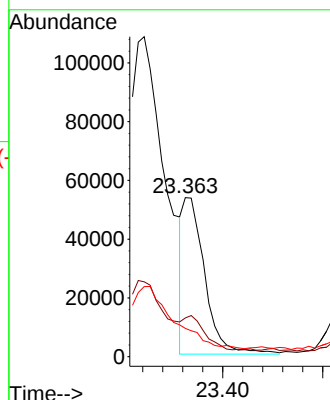
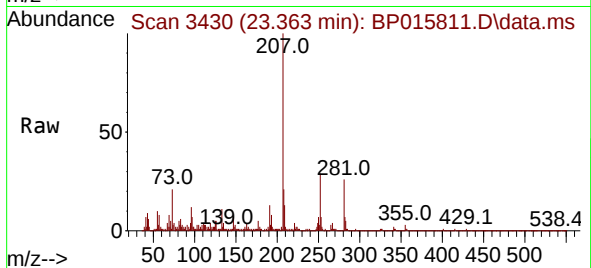
Tgt Ion:	252	Resp:	8020
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.0	25.4
125	17.8	7.3	10.9

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.602 ng/ul

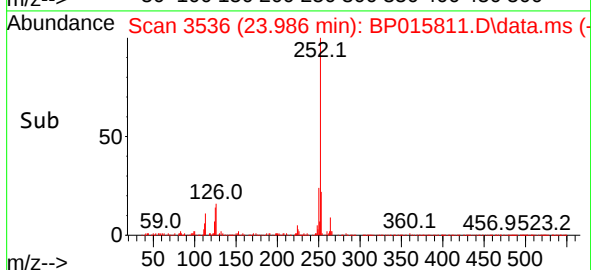
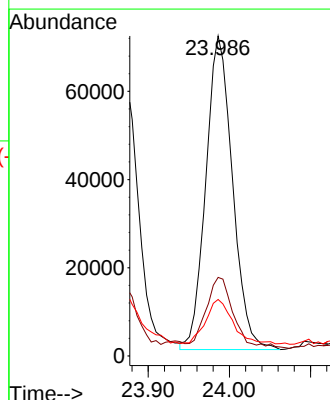
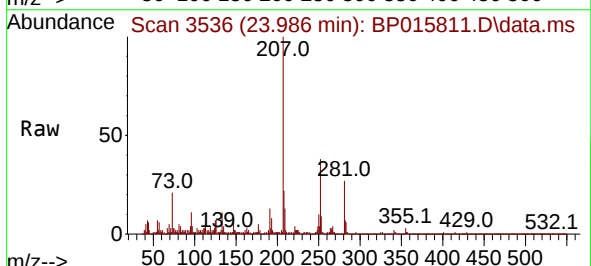
RT: 23.986 min Scan# 3536

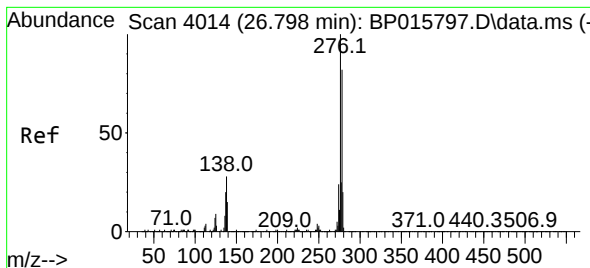
Delta R.T. -0.000 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

Tgt Ion:	252	Resp:	162434
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.7	26.5
125	17.6	8.2	12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.628 ng/ul

RT: 26.809 min Scan# 4014

Delta R.T. 0.012 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

Instrument :

BNA_P

ClientSampleId :

DCFV5

Tgt Ion:276 Resp: 13798

Ion Ratio Lower Upper

276 100

138 23.1 15.7 23.5

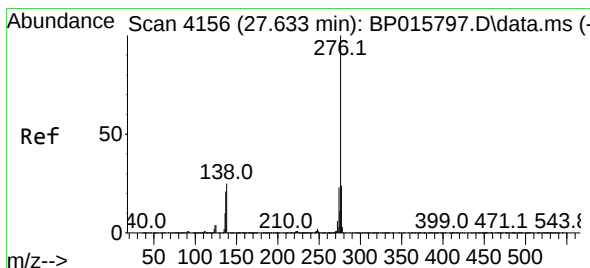
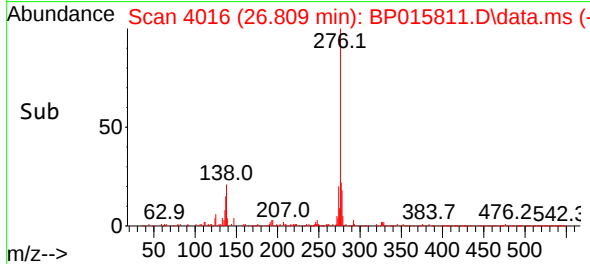
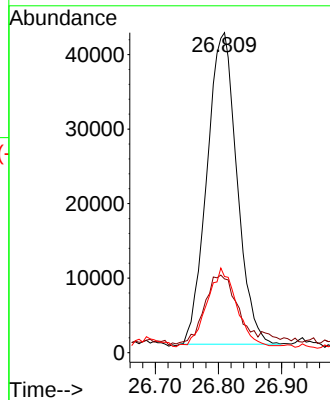
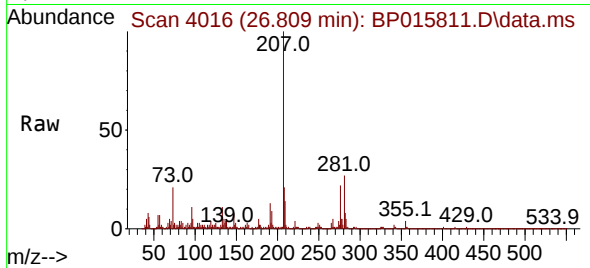
277 23.8 19.6 29.4

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#96

Benzo(g,h,i)perylene

Concen: 1.730 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.006 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

Tgt Ion:276 Resp: 120638

Ion Ratio Lower Upper

276 100

138 30.9 15.1 22.7#

277 24.1 18.8 28.2

