

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015927.D
 Acq On : 02 Jul 2023 16:52
 Operator : MA/JU
 Sample : 03243-22
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGE2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 04:35:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	245609	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1069982	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	605496	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1110932	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	705454	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	844455	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	27803	4.073	ng/uL	0.00
4) Pyridine-d5	3.828	84	174080	10.116	ng/ul	0.01
7) Phenol-d5	7.240	99	517419	24.622	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.375	67	341446	26.262	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	420131	26.484	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	411451	24.784	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	206881	25.300	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	225939	23.674	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.546	165	388440	22.840	ng/ul	0.04
31) 4-Chloroaniline-d4	11.057	131	339520	15.541	ng/ul	0.03
46) Dimethylphthalate-d6	14.110	166	1260460	26.933	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1422159	27.032	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	117064m	18.955	ng/ul	0.05
60) Fluorene-d10	15.698	176	1018651	26.434	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	94860	13.884	ng/ul	0.02
73) Anthracene-d10	17.563	188	1348761	26.579	ng/ul	0.00
81) Pyrene-d10	19.786	212	1268195	27.531	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1173113	27.539	ng/ul	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.428	152	59587	1.028	ng/ul	99
72) Phenanthrene	17.504	178	514938	8.532	ng/ul	100
74) Anthracene	17.604	178	128289m	2.115	ng/ul	
80) Fluoranthene	19.463	202	1209697	21.130	ng/ul#	94
82) Pyrene	19.816	202	929795	15.922	ng/ul#	89
85) Benzo(a)anthracene	21.533	228	536304	10.807	ng/ul	98
87) Chrysene	21.592	228	561640	11.929	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	871268	16.057	ng/ul#	95
91) Benzo(k)fluoranthene	23.357	252	281751m	5.139	ng/ul	
93) Benzo(a)pyrene	23.980	252	536296	11.311	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	429238	6.669	ng/ul	95
95) Dibenzo(a,h)anthracene	26.792	278	118792	2.247	ng/ul#	76
96) Benzo(g,h,i)perylene	27.633	276	385419	7.279	ng/ul#	93

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

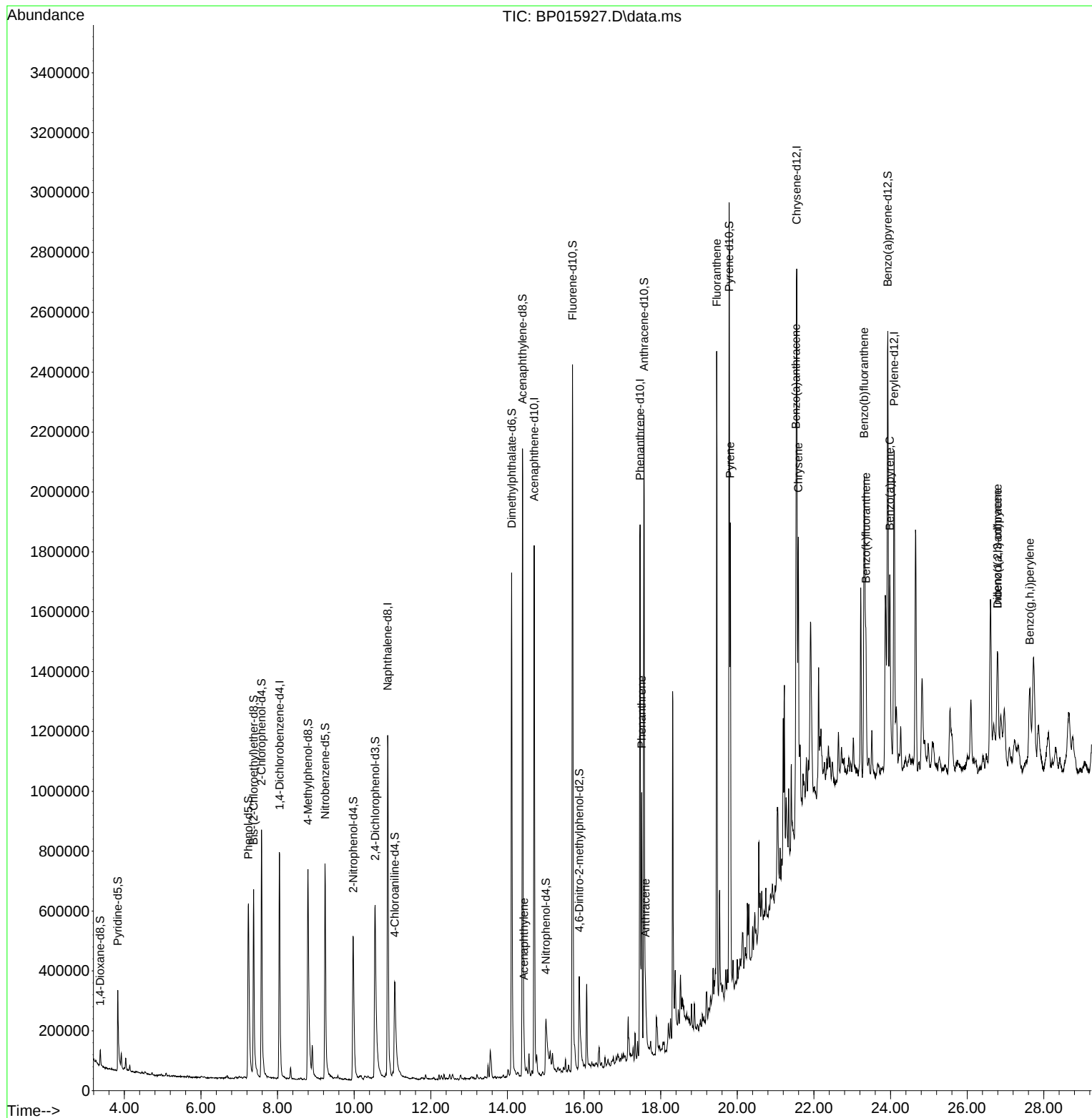
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015927.D
 Acq On : 02 Jul 2023 16:52
 Operator : MA/JU
 Sample : 03243-22
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

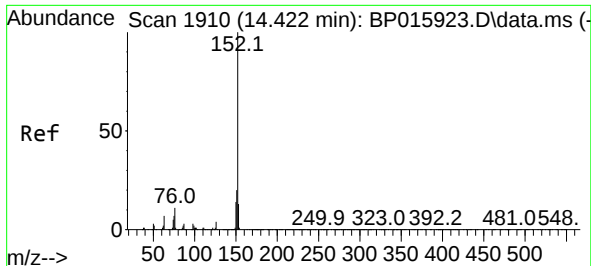
Instrument :
 BNA_P
 ClientSampleId :
 DCGE2

Quant Time: Jul 03 04:35:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
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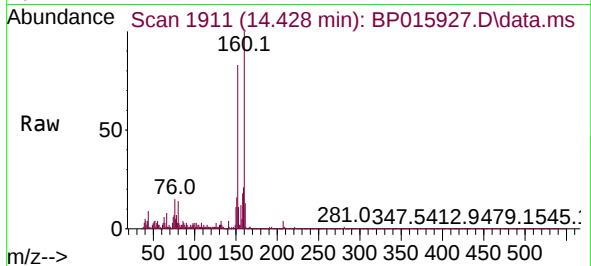
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023





#50
Acenaphthylene
Concen: 1.028 ng/ul
RT: 14.428 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BP015927.D
Acq: 02 Jul 2023 16:52

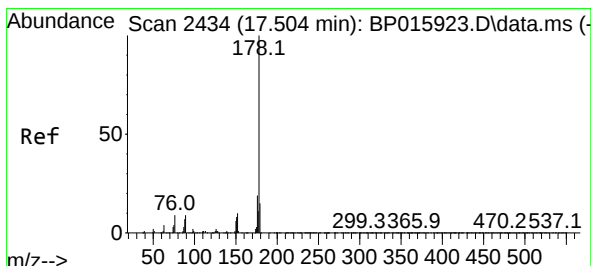
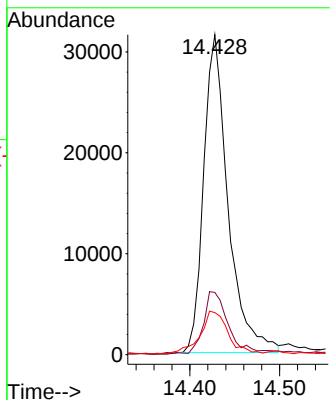
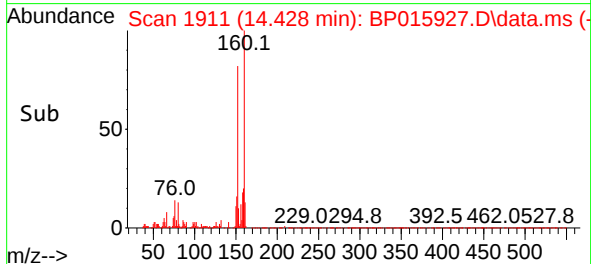
Instrument :
BNA_P
ClientSampleId :
DCGE2



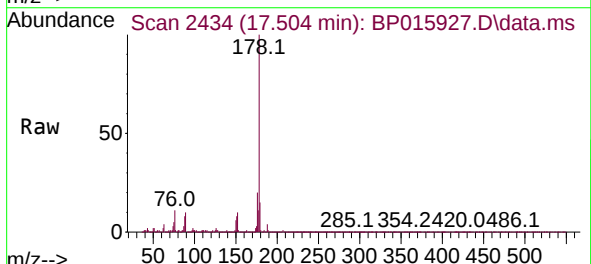
Tgt Ion:152 Resp: 5958
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.1 10.5 15.7

Manual Integrations
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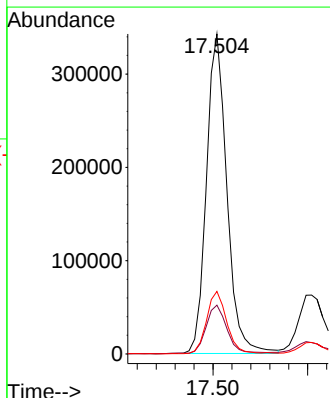
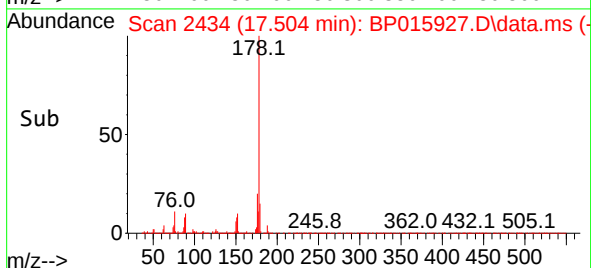
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

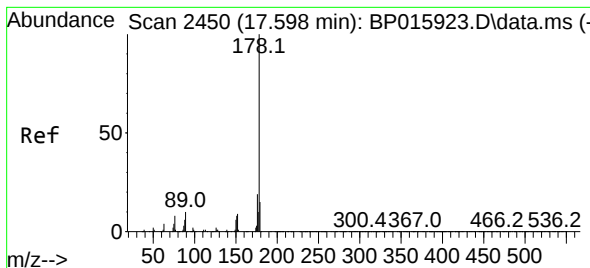


#72
Phenanthrene
Concen: 8.532 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP015927.D
Acq: 02 Jul 2023 16:52



Tgt Ion:178 Resp: 514938
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.6 15.6 23.4





#74

Anthracene

Concen: 2.115 ng/ul m

RT: 17.604 min Scan# 2450

Delta R.T. 0.006 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Instrument :

BNA_P

ClientSampleId :

DCGE2

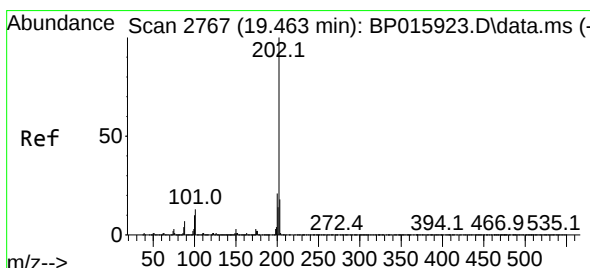
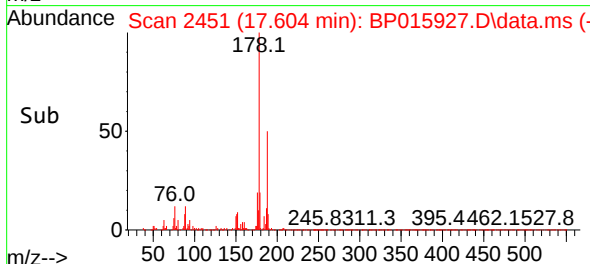
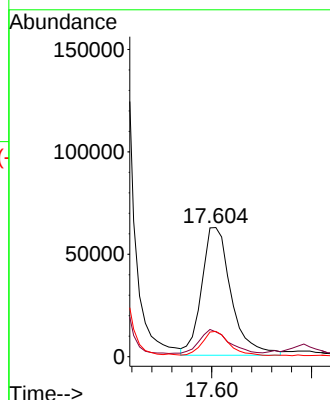
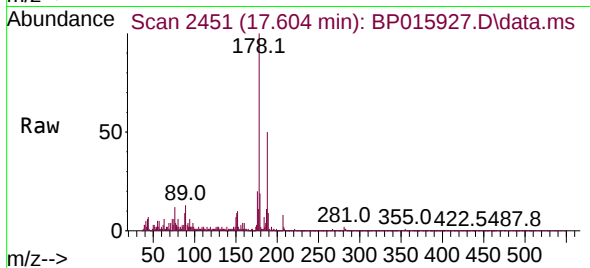
Tgt Ion:178	Resp: 128289
Ion Ratio	Lower Upper
178 100	
179 19.2	12.1 18.1
176 19.6	14.6 22.0

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#80

Fluoranthene

Concen: 21.130 ng/ul

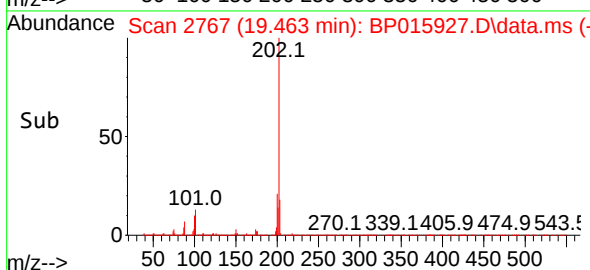
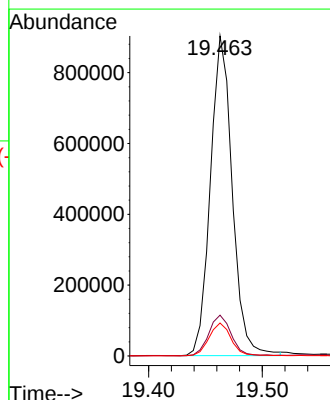
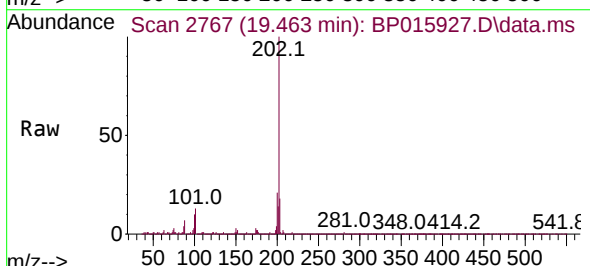
RT: 19.463 min Scan# 2767

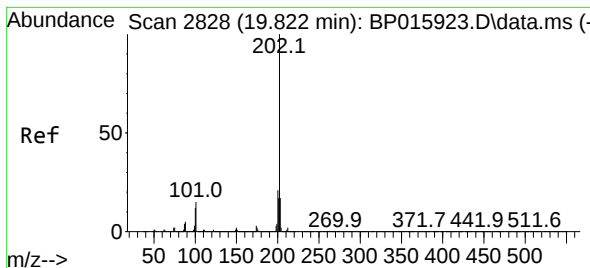
Delta R.T. 0.000 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Tgt Ion:202	Resp: 1209697
Ion Ratio	Lower Upper
202 100	
101 12.7	8.3 12.5
100 10.3	6.6 9.8





#82

Pyrene

Concen: 15.922 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Instrument :

BNA_P

ClientSampleId :

DCGE2

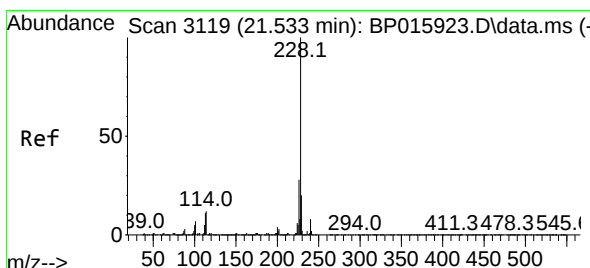
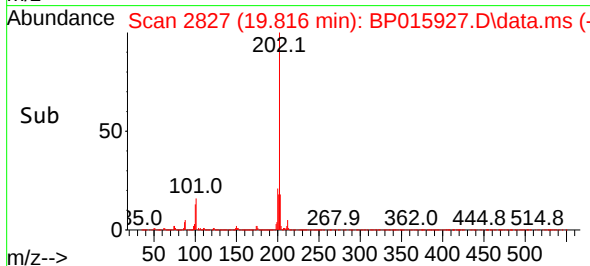
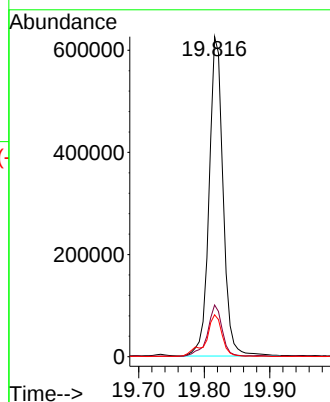
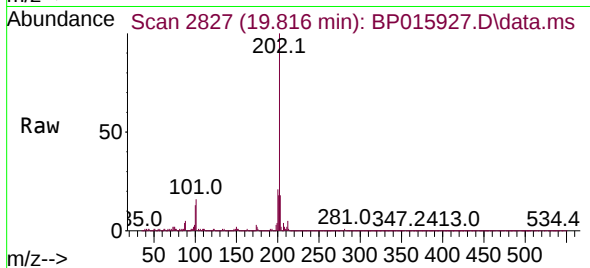
Tgt Ion:202	Resp: 92979
Ion Ratio	Lower Upper
202 100	
101 16.2	9.3 13.9
100 13.1	7.6 11.4

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#85

Benzo(a)anthracene

Concen: 10.807 ng/ul

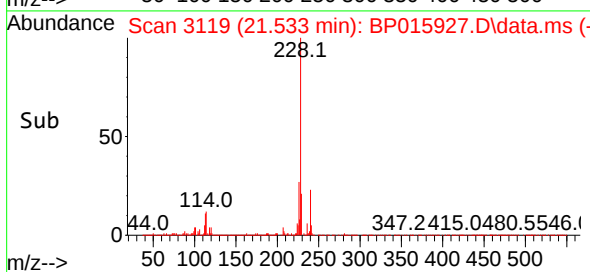
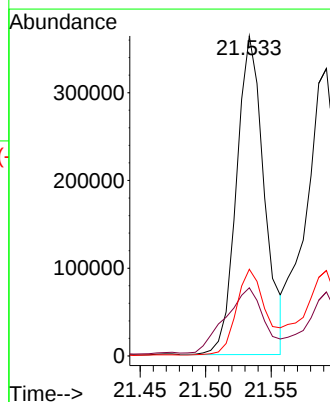
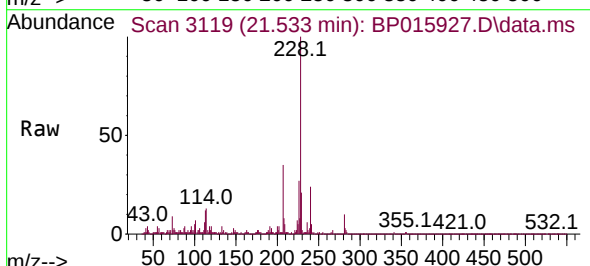
RT: 21.533 min Scan# 3119

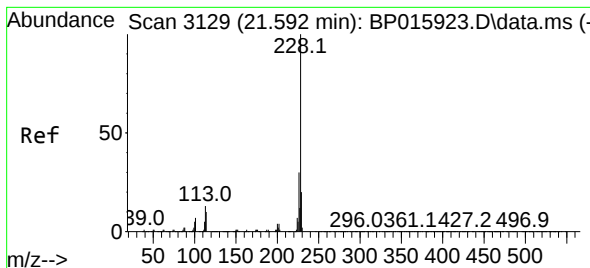
Delta R.T. 0.000 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Tgt Ion:228	Resp: 536304
Ion Ratio	Lower Upper
228 100	
229 21.3	15.3 22.9
226 27.1	21.4 32.0





#87

Chrysene

Concen: 11.929 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Instrument :

BNA_P

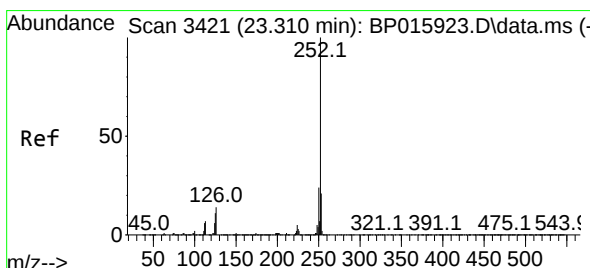
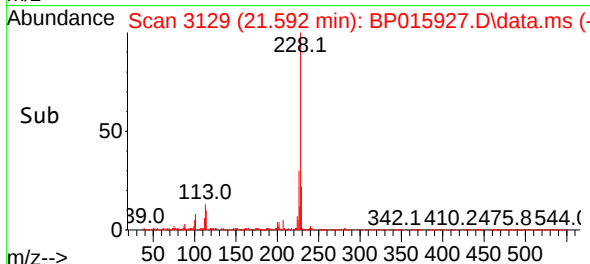
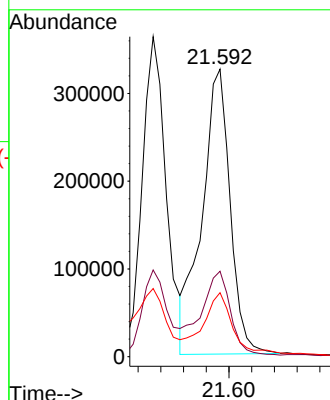
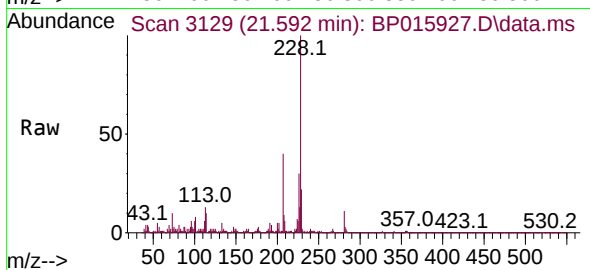
ClientSampleId :

DCGE2

Tgt Ion:228 Resp: 561640
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.3 36.5
 229 22.3 15.5 23.3

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 Supervised By :mohammad ahmed 07/03/2023



#90

Benzo(b)fluoranthene

Concen: 16.057 ng/ul

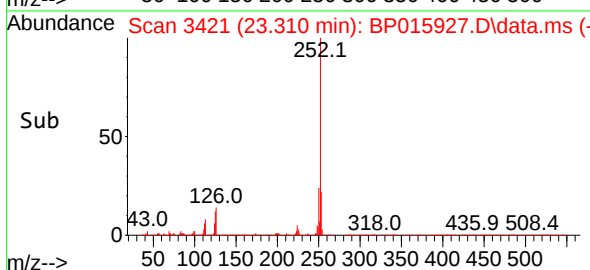
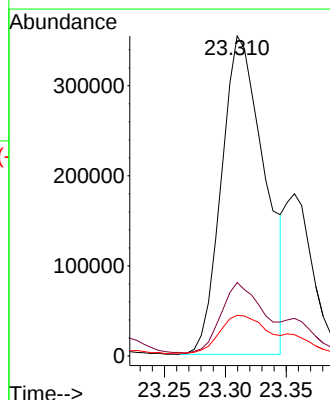
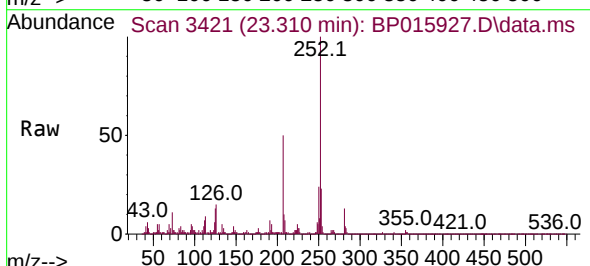
RT: 23.310 min Scan# 3421

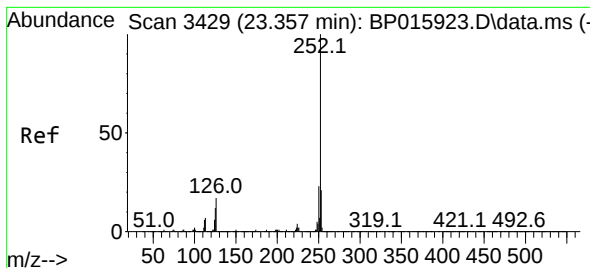
Delta R.T. 0.000 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Tgt Ion:252 Resp: 871268
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.3 25.9
 125 12.7 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 5.139 ng/ul m

RT: 23.357 min Scan# 3429

Delta R.T. 0.000 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Instrument :

BNA_P

ClientSampleId :

DCGE2

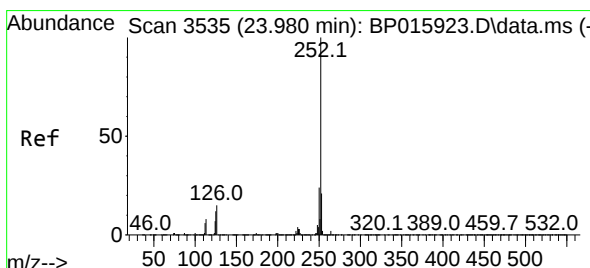
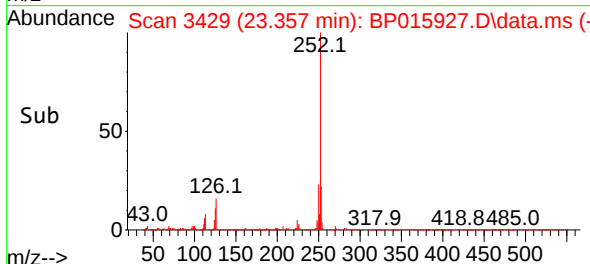
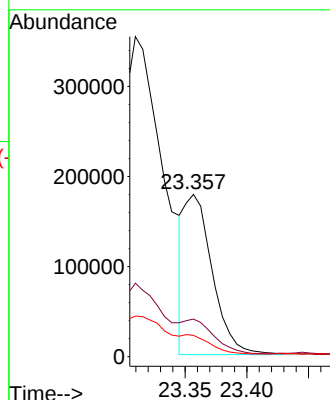
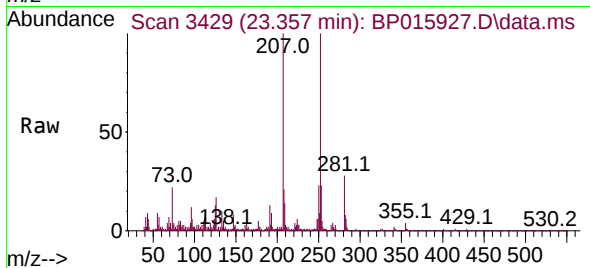
Tgt Ion:252 Resp: 28175
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.0 25.4
 125 13.1 7.3 10.9

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#93

Benzo(a)pyrene

Concen: 11.311 ng/ul

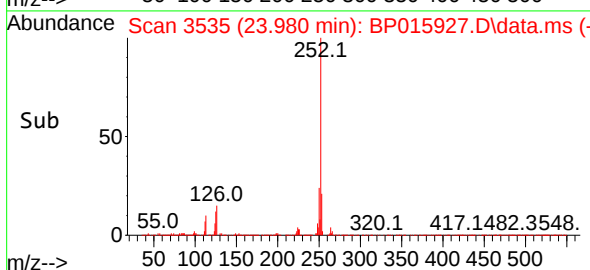
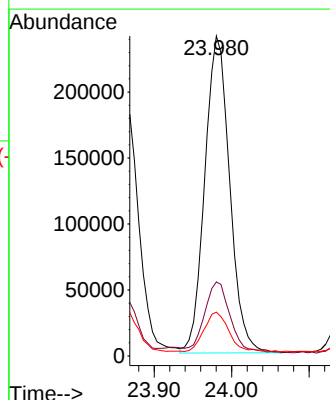
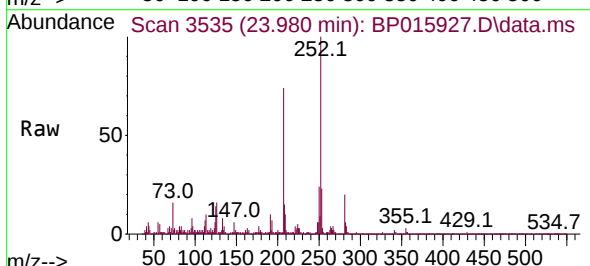
RT: 23.980 min Scan# 3535

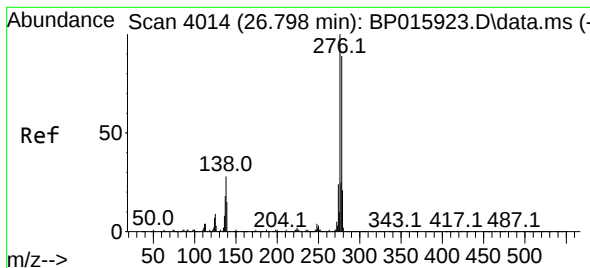
Delta R.T. 0.000 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Tgt Ion:252 Resp: 536296
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.7 26.5
 125 13.7 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.669 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. 0.000 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Instrument :

BNA_P

ClientSampleId :

DCGE2

Tgt Ion:276 Resp: 429238

Ion Ratio Lower Upper

276 100

138 23.1 15.7 23.5

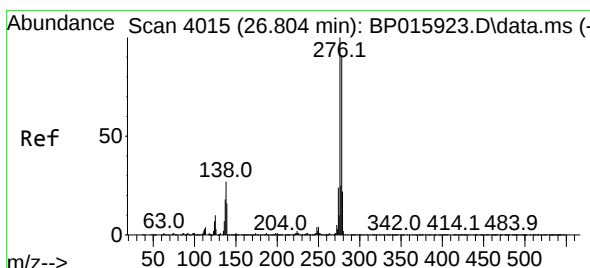
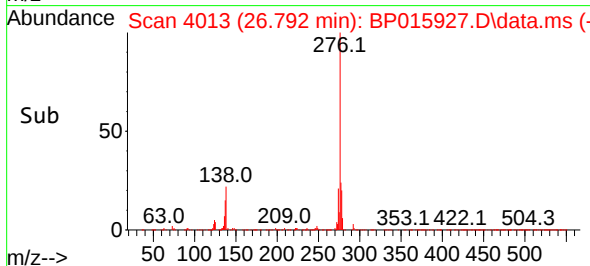
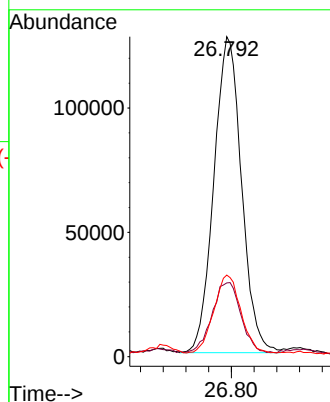
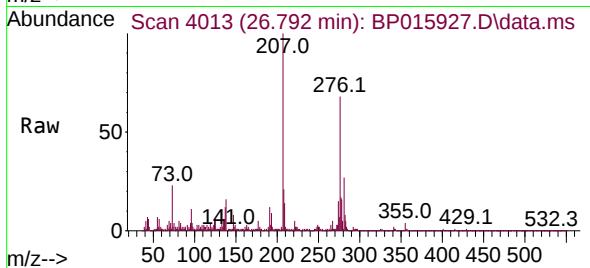
277 25.5 19.6 29.4

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#95

Dibenzo(a,h)anthracene

Concen: 2.247 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.006 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

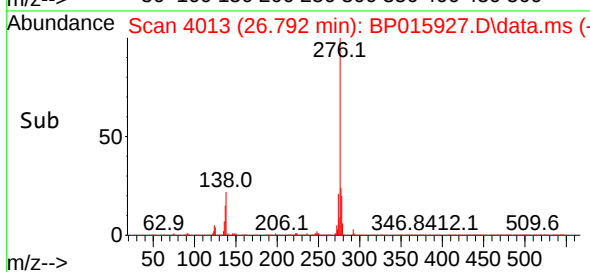
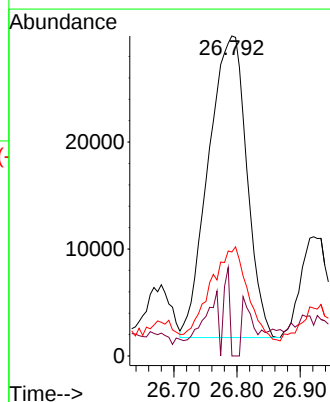
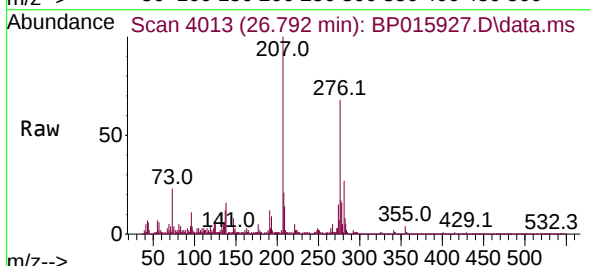
Tgt Ion:278 Resp: 118792

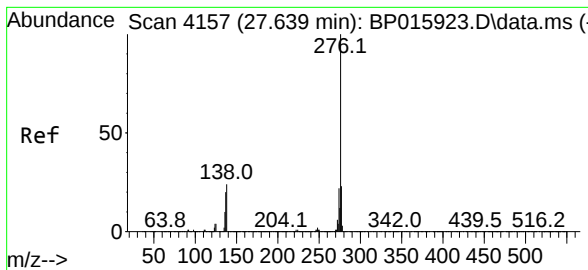
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

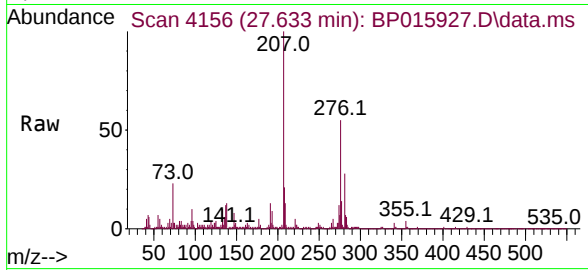
279 32.5 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 7.279 ng/ul
 RT: 27.633 min Scan# 4157
 Delta R.T. 0.006 min
 Lab File: BP015927.D
 Acq: 02 Jul 2023 16:52

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:	276	Resp:	385419
Ion Ratio	Lower	Upper	
276	100		
138	23.9	15.1	22.7
277	25.1	18.8	28.2

Manual Integrations
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