

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015931.D
 Acq On : 02 Jul 2023 19:09
 Operator : MA/JU
 Sample : 03245-06
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGG4

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 04:54:19 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	8.046	152	263970	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1055492	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	590575	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1250629	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	1138937	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	1318042	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	39255	5.350	ng/uL	0.00
4) Pyridine-d5	3.828	84	200476	10.840	ng/u1	0.01
7) Phenol-d5	7.228	99	704470	31.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	477865	34.199	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	564974	33.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	528949	29.646	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	265939	32.969	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	296264	31.469	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.540	165	503440	30.008	ng/u1	0.03
31) 4-Chloroaniline-d4	11.057	131	369442	17.142	ng/u1	0.03
46) Dimethylphthalate-d6	14.110	166	1596677	34.979	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1831820	35.699	ng/u1	0.00
54) 4-Nitrophenol-d4	14.986	143	210515	34.947	ng/u1	0.04
60) Fluorene-d10	15.698	176	1331954	35.438	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	157675	20.501	ng/u1	0.01
73) Anthracene-d10	17.563	188	1994113	34.907	ng/u1	0.00
81) Pyrene-d10	19.786	212	2435493	32.748	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	2409974	36.247	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.504	178	660210	9.717	ng/u1	99
80) Fluoranthene	19.463	202	1277418	13.821	ng/u1#	95
82) Pyrene	19.816	202	884221	9.378	ng/u1#	91
85) Benzo(a)anthracene	21.533	228	315610	3.939	ng/u1	97
87) Chrysene	21.586	228	473379	6.228	ng/u1	97
90) Benzo(b)fluoranthene	23.310	252	537845	6.351	ng/u1#	92
91) Benzo(k)fluoranthene	23.357	252	171169m	2.000	ng/u1	
93) Benzo(a)pyrene	23.974	252	262542	3.548	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.803	276	192947	1.921	ng/u1#	95
96) Benzo(g,h,i)perylene	27.645	276	181970	2.202	ng/u1#	93

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

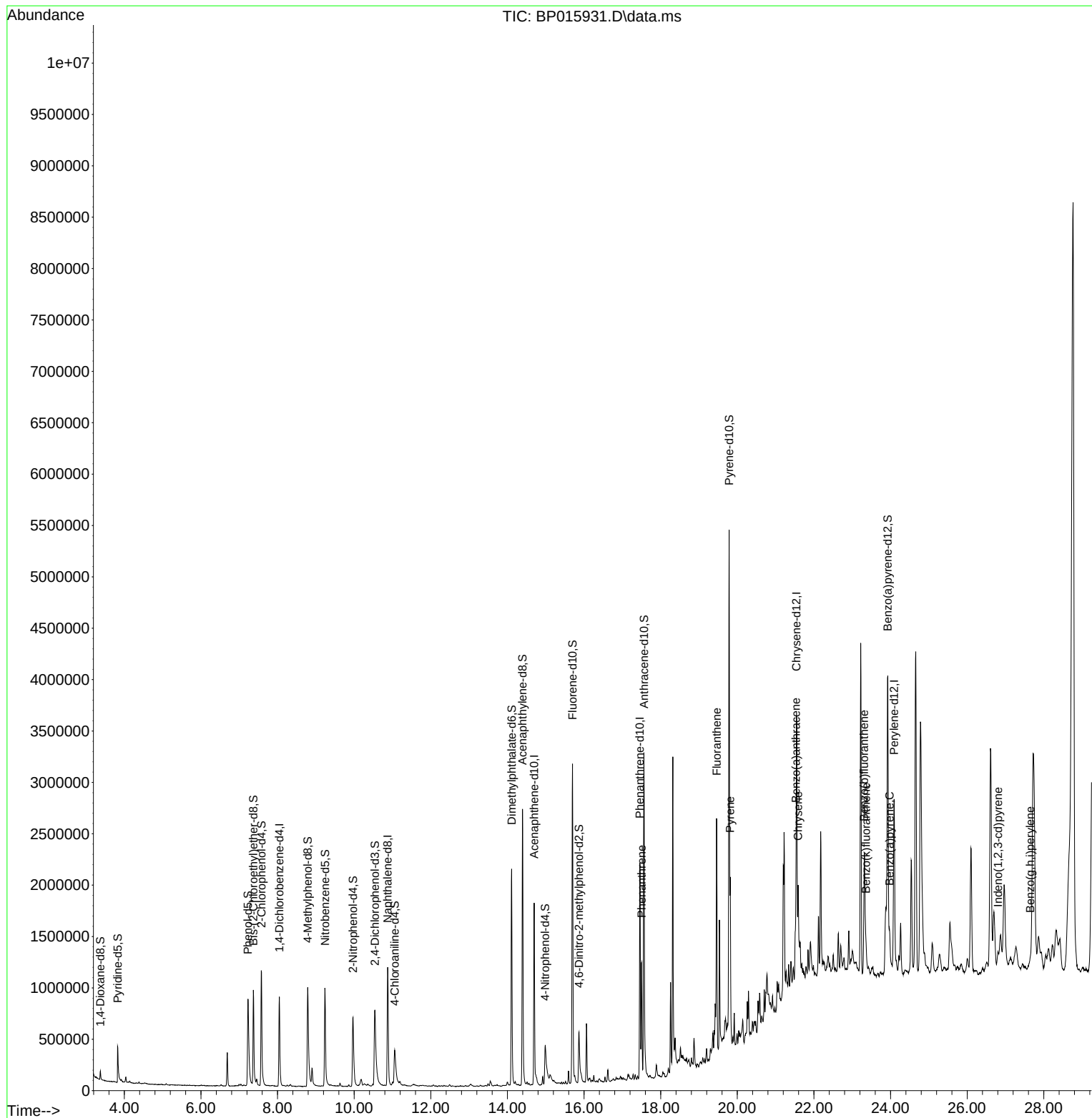
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
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ALS Vial : 99 Sample Multiplier: 1

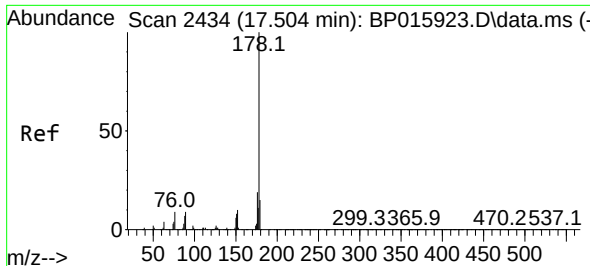
Instrument :
BNA_P
ClientSampleId :
DCGG4

Quant Time: Jul 03 04:54:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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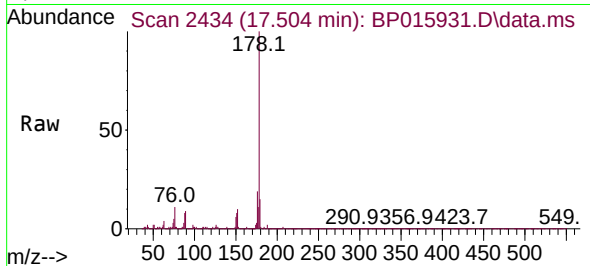
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023





#72
Phenanthrene
Concen: 9.717 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP015931.D
Acq: 02 Jul 2023 19:09

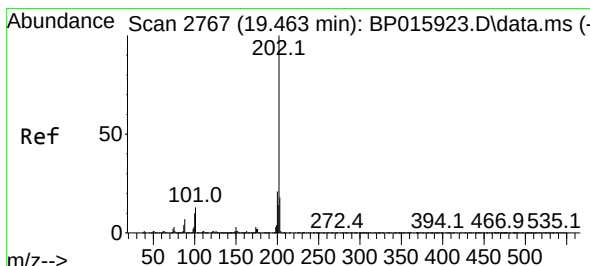
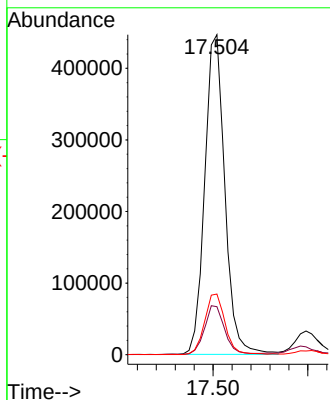
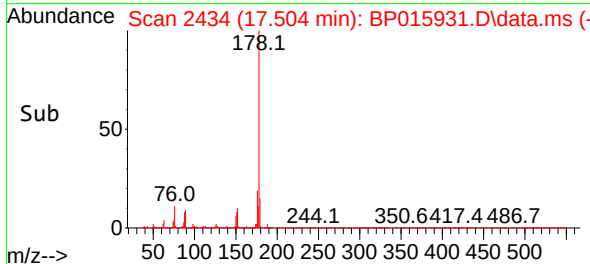
Instrument :
BNA_P
ClientSampleId :
DCGG4



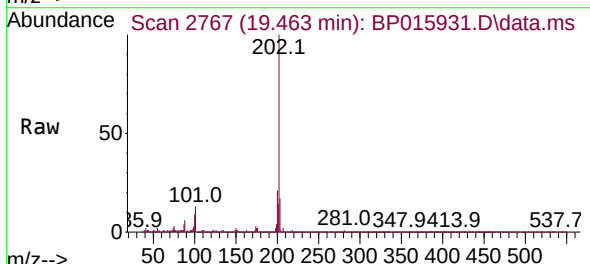
Tgt Ion:178 Resp: 660210
Ion Ratio Lower Upper
178 100
179 15.0 12.4 18.6
176 18.9 15.6 23.4

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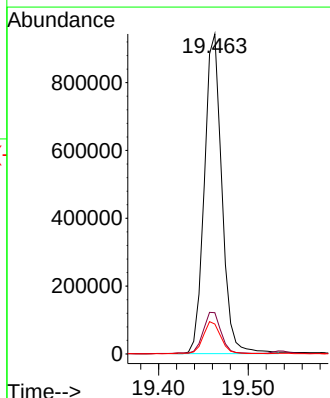
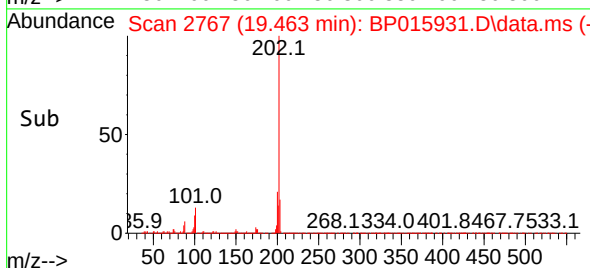
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

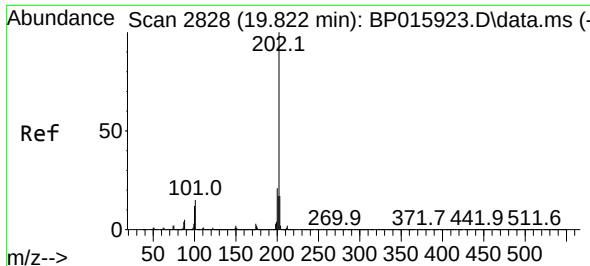


#80
Fluoranthene
Concen: 13.821 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP015931.D
Acq: 02 Jul 2023 19:09



Tgt Ion:202 Resp: 1277418
Ion Ratio Lower Upper
202 100
101 12.9 8.3 12.5#
100 9.3 6.6 9.8





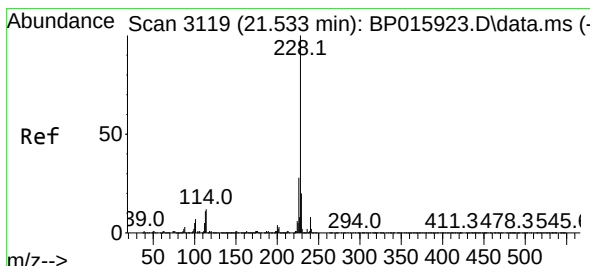
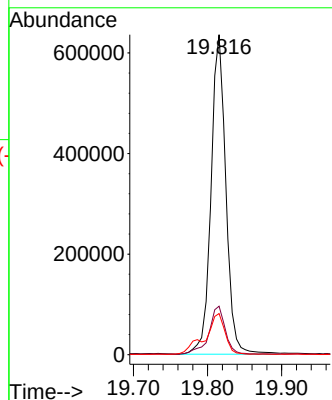
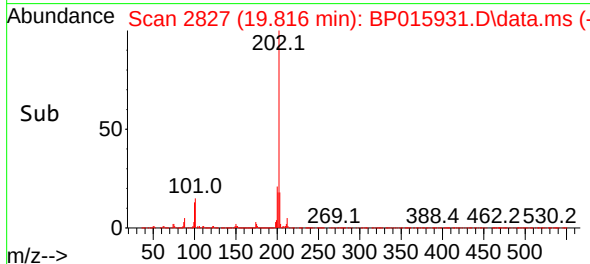
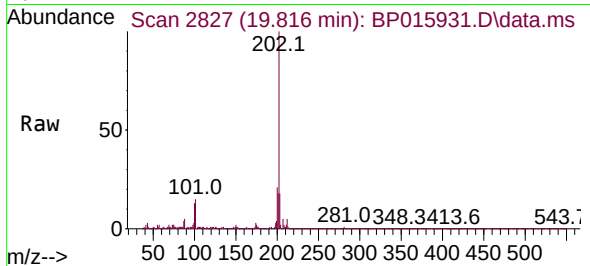
#82
Pyrene
Concen: 9.378 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015931.D
Acq: 02 Jul 2023 19:09

Instrument :
BNA_P
ClientSampleId :
DCGG4

Tgt Ion:202 Resp: 88422
Ion Ratio Lower Upper
202 100
101 15.2 9.3 13.9
100 12.9 7.6 11.4

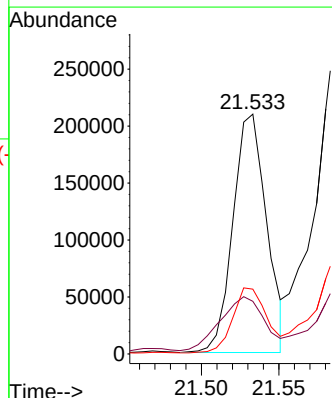
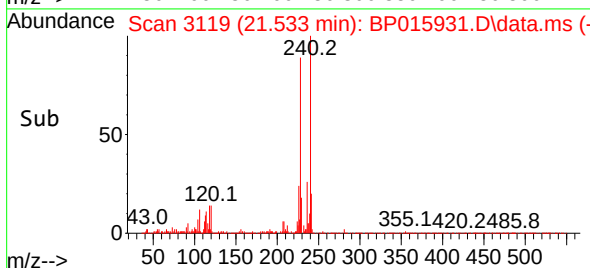
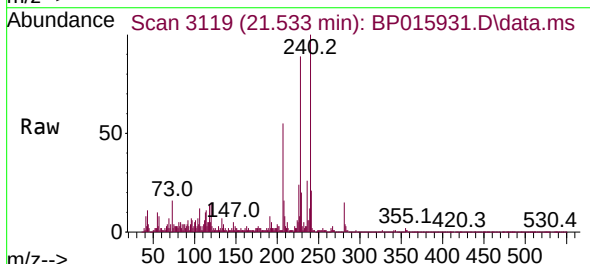
Manual Integrations
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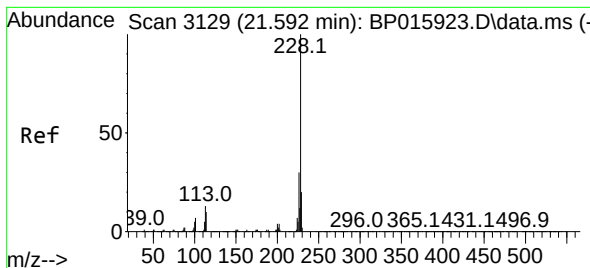
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#85
Benzo(a)anthracene
Concen: 3.939 ng/ul
RT: 21.533 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP015931.D
Acq: 02 Jul 2023 19:09

Tgt Ion:228 Resp: 315610
Ion Ratio Lower Upper
228 100
229 22.0 15.3 22.9
226 27.0 21.4 32.0





#87

Chrysene

Concen: 6.228 ng/ul

RT: 21.586 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

Instrument :

BNA_P

ClientSampleId :

DCGG4

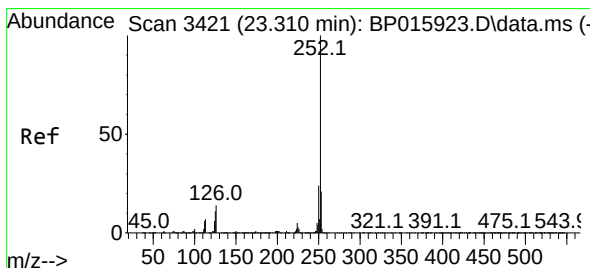
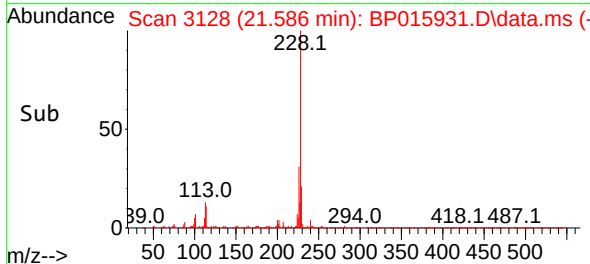
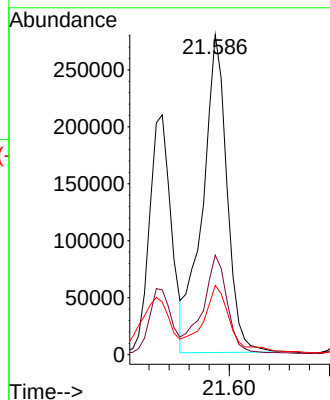
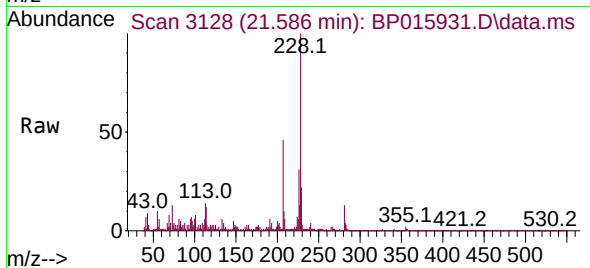
Tgt Ion:228 Resp: 473379
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.3 36.5
 229 21.7 15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#90

Benzo(b)fluoranthene

Concen: 6.351 ng/ul

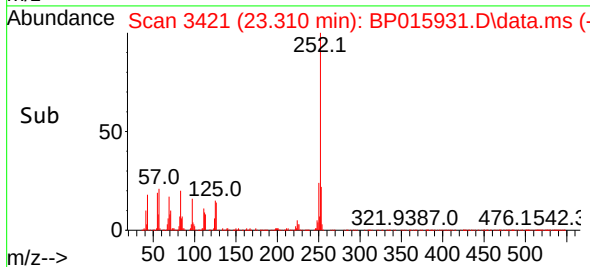
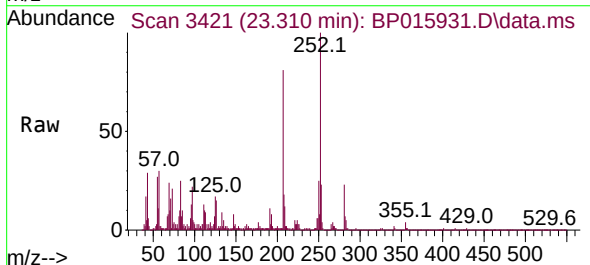
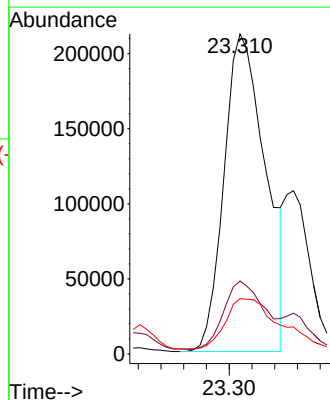
RT: 23.310 min Scan# 3421

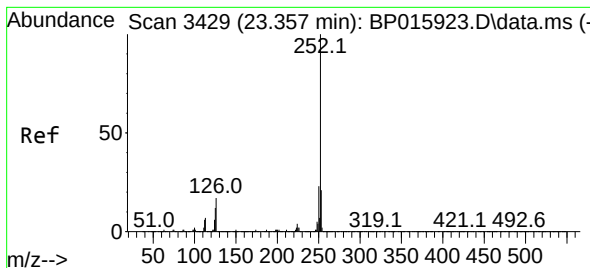
Delta R.T. 0.000 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

Tgt Ion:252 Resp: 537845
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.3 25.9
 125 17.3 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 2.000 ng/ul m

RT: 23.357 min Scan# 3429

Delta R.T. 0.000 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

Instrument :

BNA_P

ClientSampleId :

DCGG4

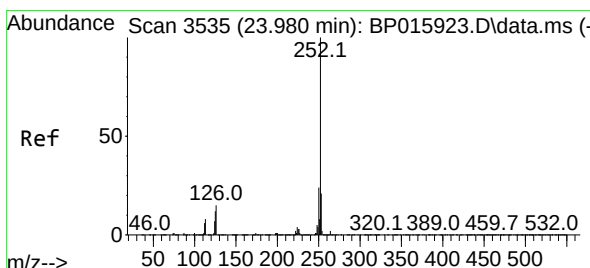
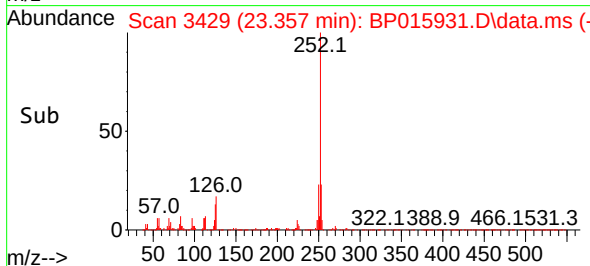
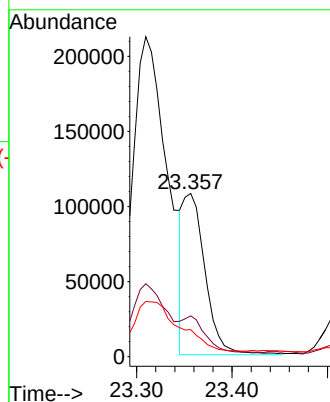
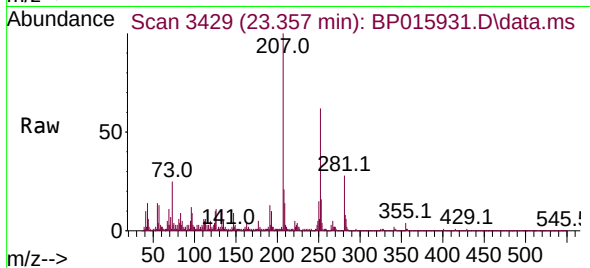
Tgt Ion:	252	Resp:	171169
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.0	25.4
125	16.6	7.3	10.9

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#93

Benzo(a)pyrene

Concen: 3.548 ng/ul

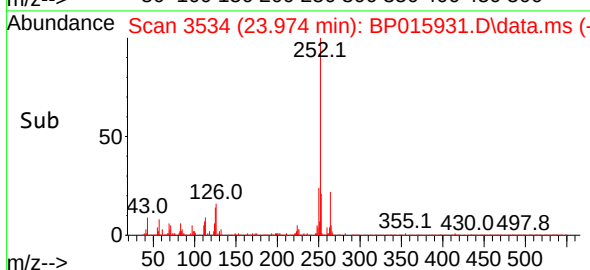
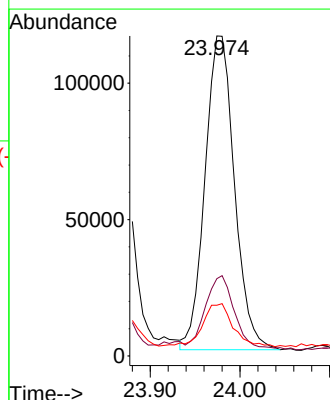
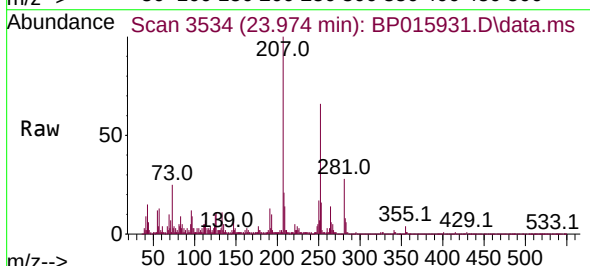
RT: 23.974 min Scan# 3534

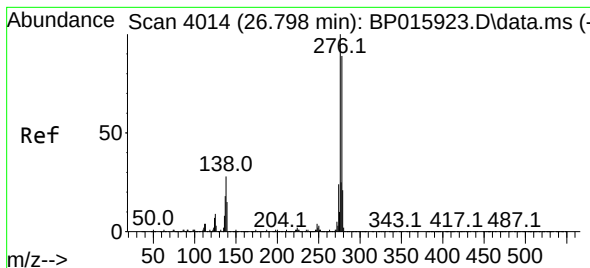
Delta R.T. -0.006 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

Tgt Ion:	252	Resp:	262542
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.7	26.5
125	15.8	8.2	12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.921 ng/ul

RT: 26.803 min Scan# 4015

Delta R.T. 0.012 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

Instrument :

BNA_P

ClientSampleId :

DCGG4

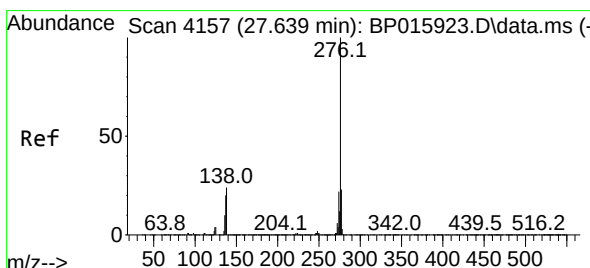
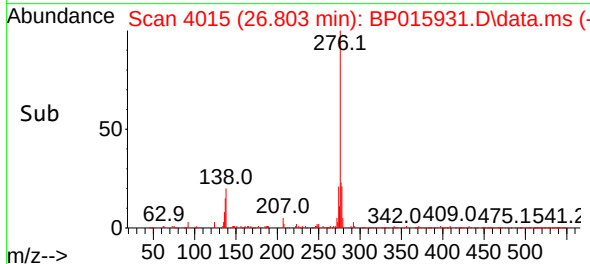
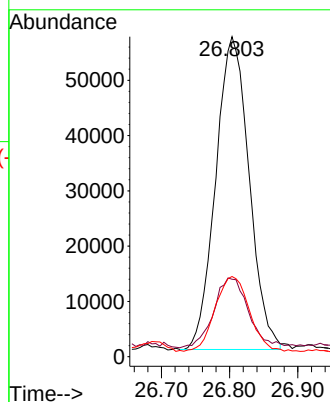
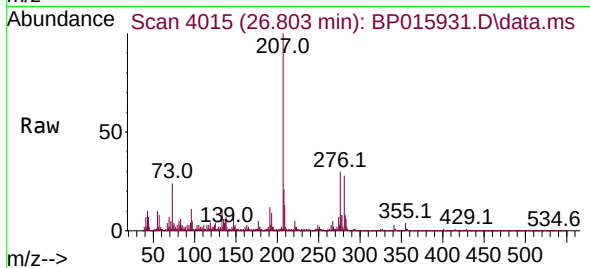
Tgt Ion:	276	Resp:	19294
Ion Ratio	Lower	Upper	
276	100		
138	24.2	15.7	23.5
277	25.0	19.6	29.4

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#96

Benzo(g,h,i)perylene

Concen: 2.202 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.018 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

Tgt Ion:	276	Resp:	181970
Ion Ratio	Lower	Upper	
276	100		
138	23.2	15.1	22.7
277	26.0	18.8	28.2

