

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015974.D
 Acq On : 04 Jul 2023 14:00
 Operator : MA/JU
 Sample : 03245-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGG6

Manual Integrations
 APPROVED

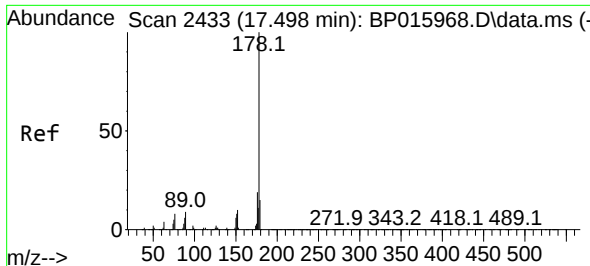
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 04 22:47:53 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)

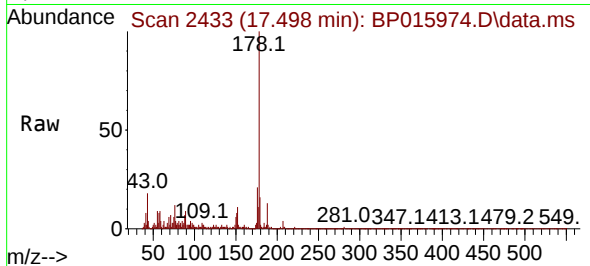
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	873581	20.000	ng/u1	0.00
20) Naphthalene-d8	10.863	136	3488035	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.693	164	1810365	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	3268706	20.000	ng/u1 #	0.00
79) Chrysene-d12	21.545	240	2808443	20.000	ng/u1	0.00
88) Perylene-d12	24.086	264	3314795	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	93222	3.839	ng/uL	0.00
4) Pyridine-d5	3.840	84	57309m	0.936	ng/u1	0.02
7) Phenol-d5	7.222	99	1746615	23.368	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	1223494	26.458	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	1394578	24.717	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	1149660	19.470	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	707841	26.554	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	790568	25.411	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	1230038	22.186	ng/u1	0.00
31) 4-Chloroaniline-d4	11.052	131	431790	6.063	ng/u1	0.02
46) Dimethylphthalate-d6	14.104	166	3565562	25.482	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	3973733	25.263	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	342350	18.540	ng/u1	0.02
60) Fluorene-d10	15.687	176	2699312	23.428	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	345075	17.166	ng/u1	0.00
73) Anthracene-d10	17.557	188	3386352	22.680	ng/u1	0.00
81) Pyrene-d10	19.781	212	4092111	22.314	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.922	264	4117636	24.625	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	190591	1.073	ng/u1	99
80) Fluoranthene	19.457	202	392979	1.724	ng/u1#	91
82) Pyrene	19.810	202	342751	1.474	ng/u1#	89
85) Benzo(a)anthracene	21.528	228	201391m	1.019	ng/u1	
87) Chrysene	21.580	228	232650	1.241	ng/u1	97
90) Benzo(b)fluoranthene	23.304	252	350398	1.645	ng/u1#	87
93) Benzo(a)pyrene	23.969	252	215484	1.158	ng/u1#	90

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



#72
Phenanthrene
Concen: 1.073 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015974.D
Acq: 04 Jul 2023 14:00

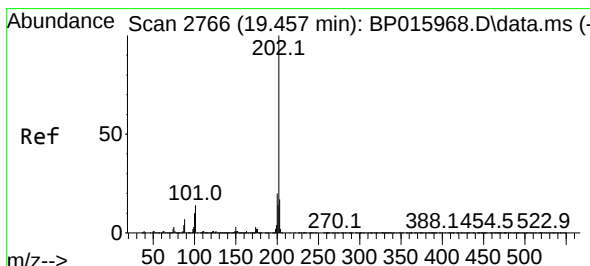
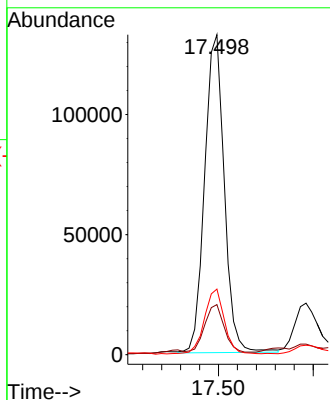
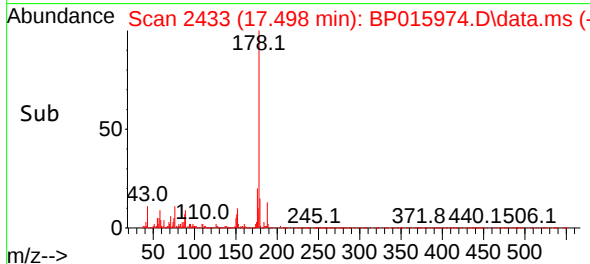
Instrument :
BNA_P
ClientSampleId :
DCGG6



Tgt Ion:178 Resp: 190591
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 20.5 15.6 23.4

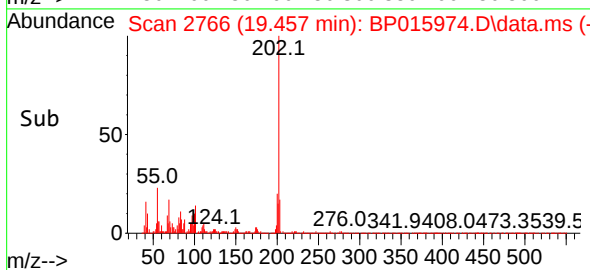
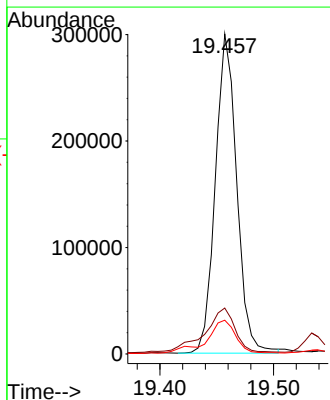
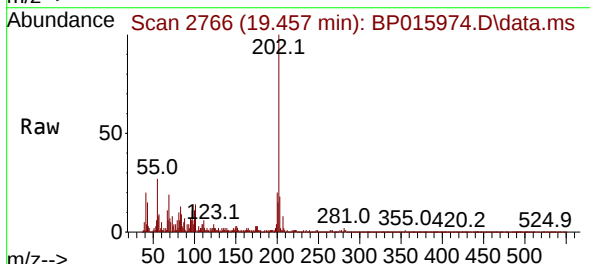
Manual Integrations
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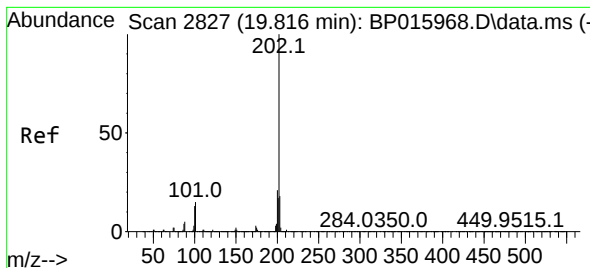
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#80
Fluoranthene
Concen: 1.724 ng/ul
RT: 19.457 min Scan# 2766
Delta R.T. -0.005 min
Lab File: BP015974.D
Acq: 04 Jul 2023 14:00

Tgt Ion:202 Resp: 392979
Ion Ratio Lower Upper
202 100
101 14.4 8.3 12.5#
100 10.5 6.6 9.8#





#82

Pyrene

Concen: 1.474 ng/ul

RT: 19.810 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP015974.D

Acq: 04 Jul 2023 14:00

Instrument :

BNA_P

ClientSampleId :

DCGG6

Tgt Ion:202 Resp: 34275

Ion Ratio Lower Upper

202 100

101 15.8 9.3 13.9

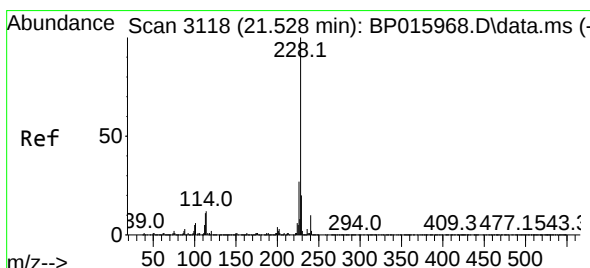
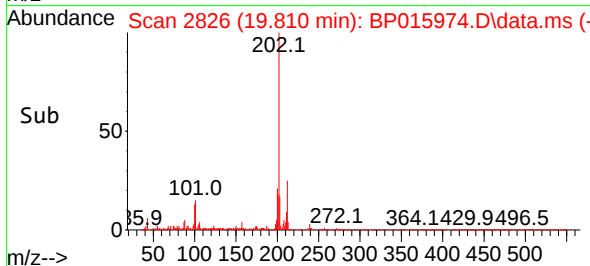
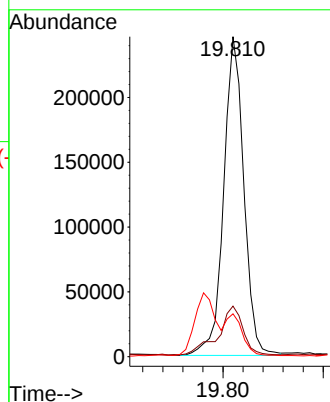
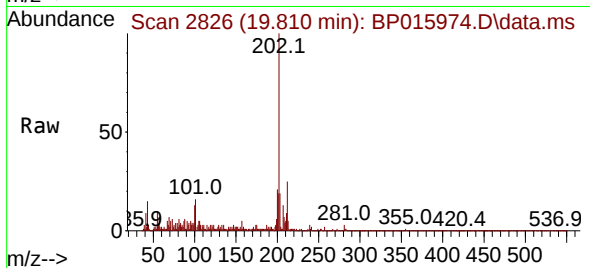
100 13.4 7.6 11.4

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 1.019 ng/ul m

RT: 21.528 min Scan# 3118

Delta R.T. -0.005 min

Lab File: BP015974.D

Acq: 04 Jul 2023 14:00

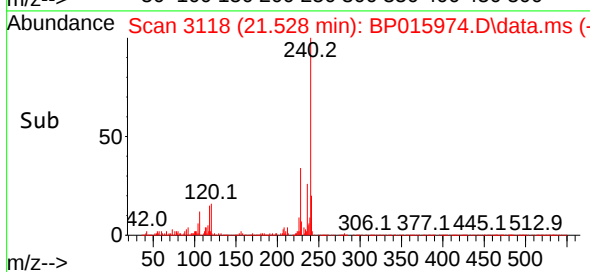
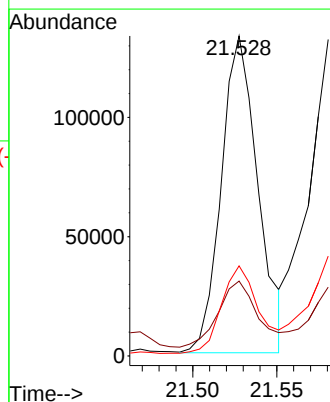
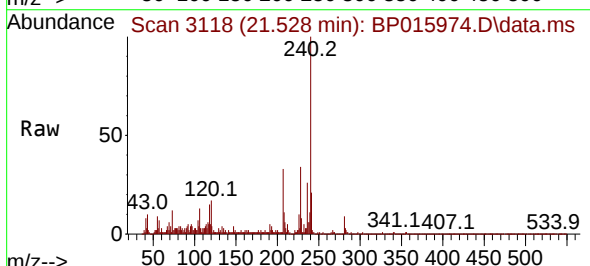
Tgt Ion:228 Resp: 201391

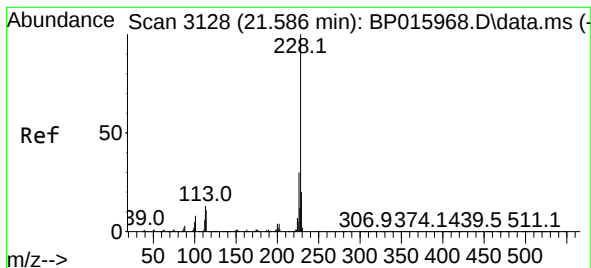
Ion Ratio Lower Upper

228 100

229 23.4 15.3 22.9

226 28.2 21.4 32.0





#87

Chrysene

Concen: 1.241 ng/ul

RT: 21.580 min Scan# 3128

Delta R.T. -0.005 min

Lab File: BP015974.D

Acq: 04 Jul 2023 14:00

Instrument :

BNA_P

ClientSampleId :

DCGG6

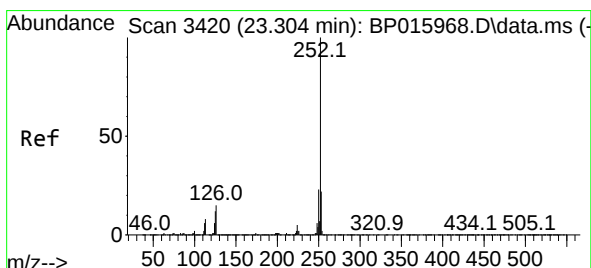
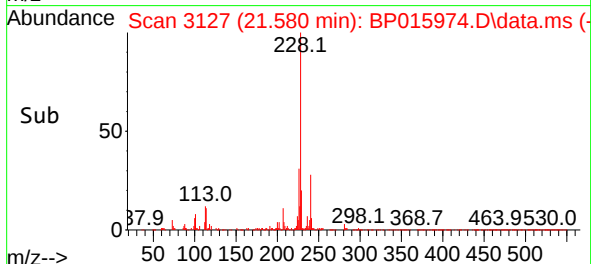
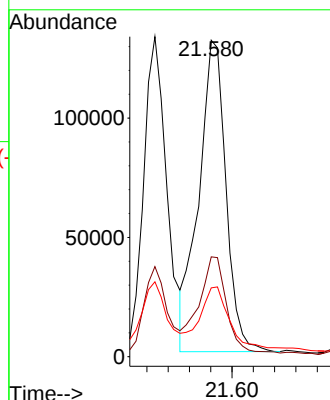
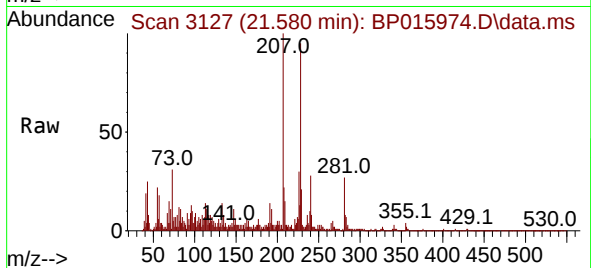
Tgt Ion:228 Resp: 232650
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.3 36.5
 229 21.7 15.5 23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 1.645 ng/ul

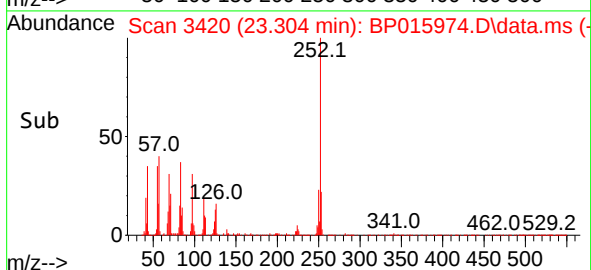
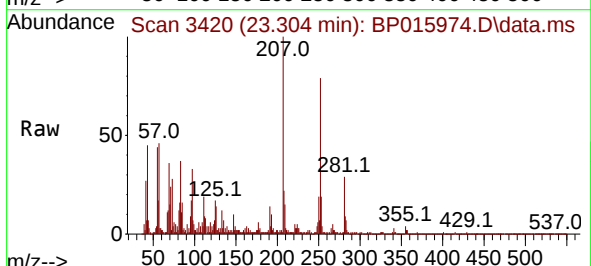
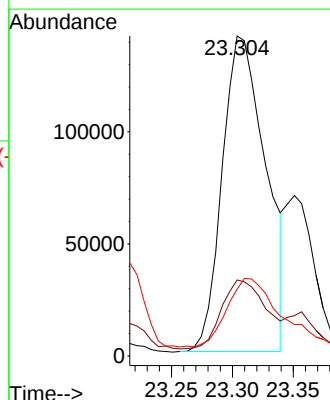
RT: 23.304 min Scan# 3420

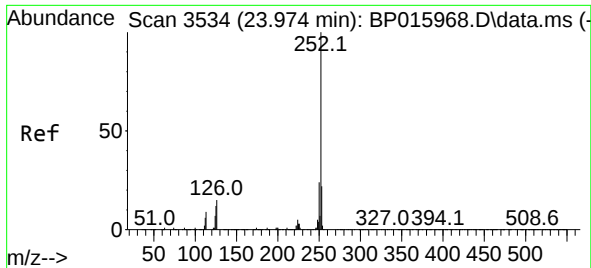
Delta R.T. -0.005 min

Lab File: BP015974.D

Acq: 04 Jul 2023 14:00

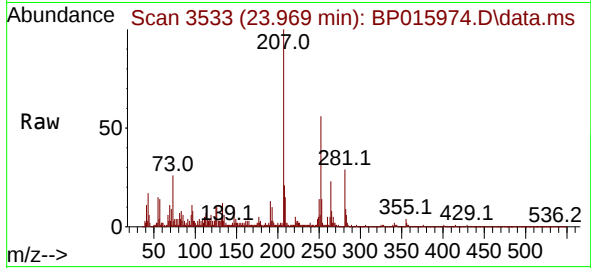
Tgt Ion:252 Resp: 350398
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.3 25.9
 125 20.8 7.5 11.3





#93
Benzo(a)pyrene
Concen: 1.158 ng/ul
RT: 23.969 min Scan# 3533
Delta R.T. -0.011 min
Lab File: BP015974.D
Acq: 04 Jul 2023 14:00

Instrument :
BNA_P
ClientSampleId :
DCGG6



Tgt Ion:252 Resp: 215484
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 17.6 8.2 12.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

