

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015909.D
 Acq On : 02 Jul 2023 06:06
 Operator : MA/JU
 Sample : 03243-14
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 02 06:38:42 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	324849	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1419305	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	859442	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1780020	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	1203876	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	1299209	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	46730	5.176	ng/uL	0.00
4) Pyridine-d5	3.817	84	546078	23.993	ng/u1	0.00
7) Phenol-d5	7.222	99	904484	32.542	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	587881	34.187	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	704106	33.559	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	678487	30.900	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	350609	32.324	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	389960	30.803	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	676333	29.980	ng/u1	0.01
31) 4-Chloroaniline-d4	11.046	131	412177	14.223	ng/u1	0.02
46) Dimethylphthalate-d6	14.104	166	2194820	33.040	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	2515522	33.687	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	299826	34.203	ng/u1	0.02
60) Fluorene-d10	15.692	176	1873160	34.246	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	246055	22.477	ng/u1	0.00
73) Anthracene-d10	17.557	188	2715877	33.402	ng/u1	0.00
81) Pyrene-d10	19.786	212	2871806	36.532	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	2275935	34.727	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.922	128	164392	2.131	ng/u1	99
36) 2-Methylnaphthalene	12.540	142	156320	3.078	ng/u1	96
37) 1-Methylnaphthalene	12.757	142	116635	2.251	ng/u1	97
72) Phenanthrene	17.498	178	503522	5.207	ng/u1	99
80) Fluoranthene	19.463	202	690764	7.070	ng/u1#	93
82) Pyrene	19.816	202	553827	5.557	ng/u1#	91
85) Benzo(a)anthracene	21.533	228	301980	3.566	ng/u1	95
87) Chrysene	21.586	228	362574	4.513	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	535930	6.420	ng/u1#	90
91) Benzo(k)fluoranthene	23.351	252	153197m	1.816	ng/u1	
93) Benzo(a)pyrene	23.974	252	306226	4.198	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.792	276	283927	2.867	ng/u1	95
95) Dibenzo(a,h)anthracene	26.792	278	81338	1.000	ng/u1#	70
96) Benzo(g,h,i)perylene	27.633	276	250322	3.073	ng/u1#	93

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

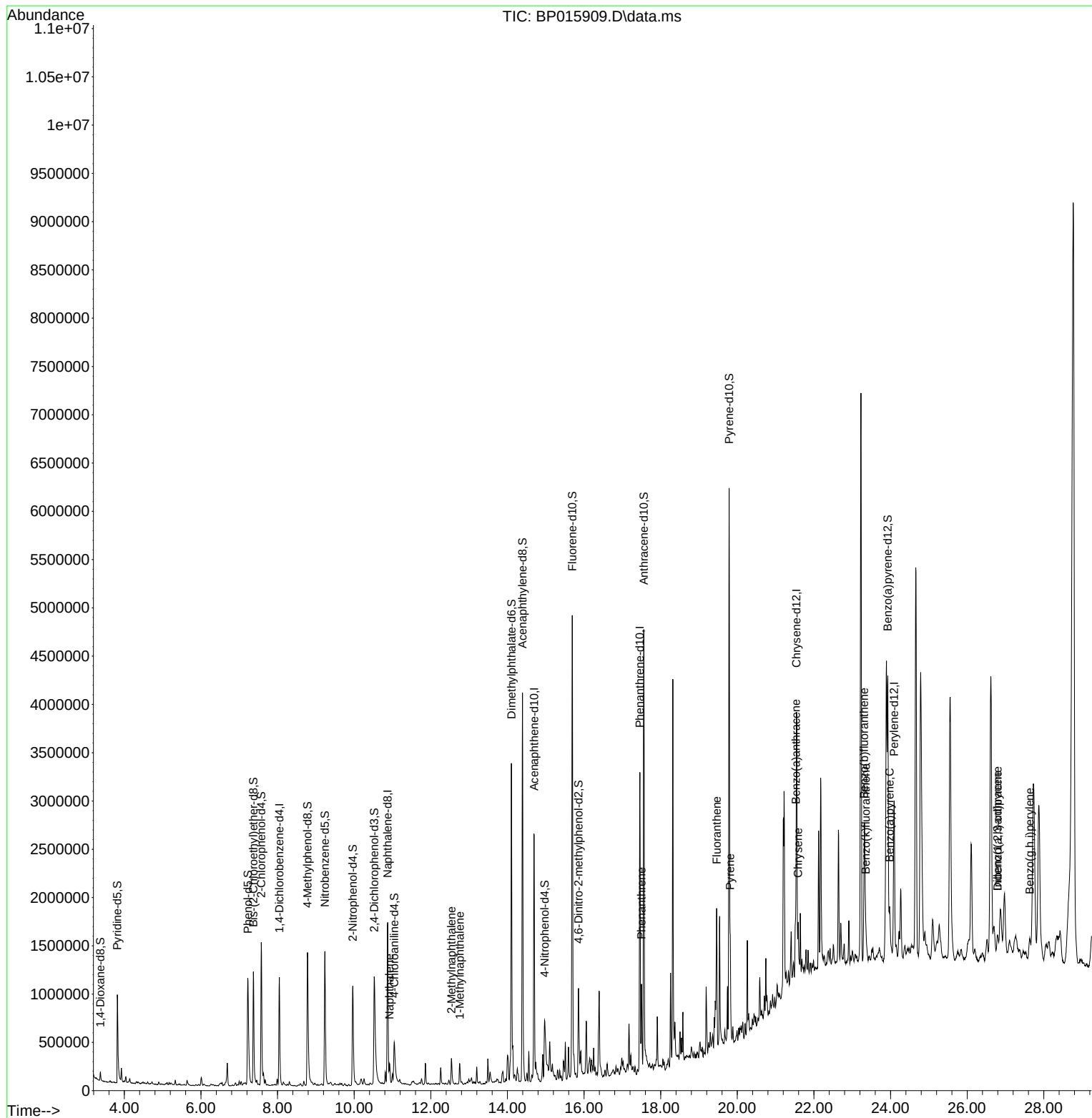
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015909.D
Acq On : 02 Jul 2023 06:06
Operator : MA/JU
Sample : 03243-14
Misc :
ALS Vial : 76 Sample Multiplier: 1

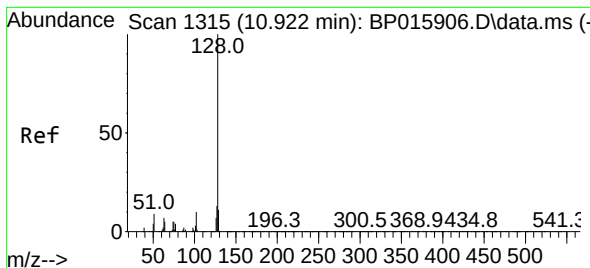
Instrument :
BNA_P
ClientSampleId :
DCGD4

Quant Time: Jul 02 06:38:42 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

Manual Integrations
APPROVED

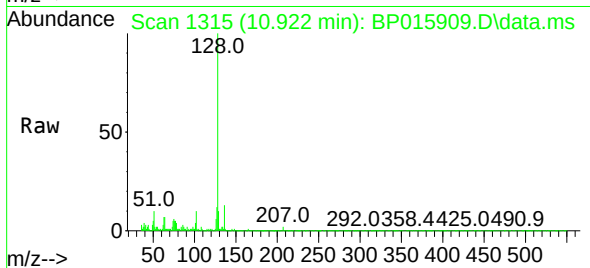
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023





#30
Naphthalene
Concen: 2.131 ng/ul
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015909.D
Acq: 02 Jul 2023 06:06

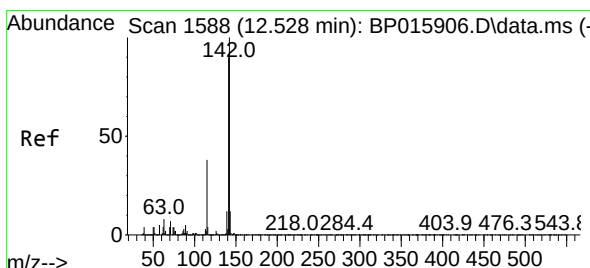
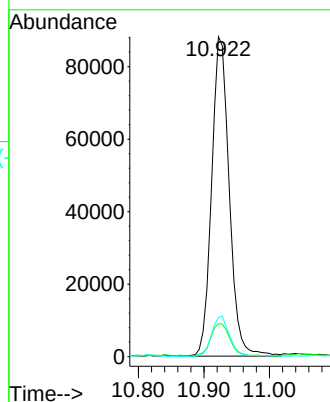
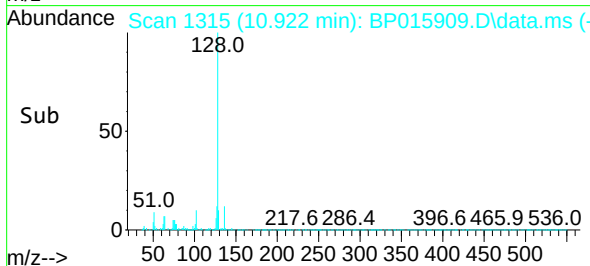
Instrument :
BNA_P
ClientSampleId :
DCGD4



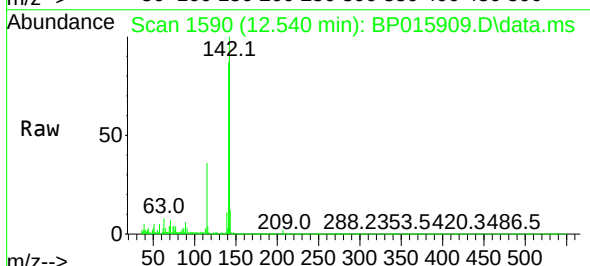
Tgt Ion:128 Resp: 164392
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 12.3 10.3 15.5

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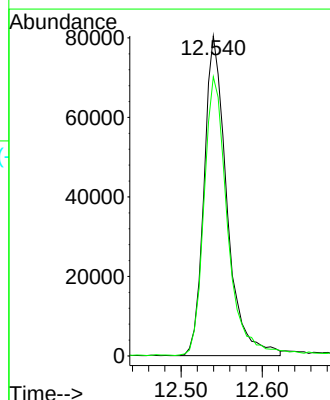
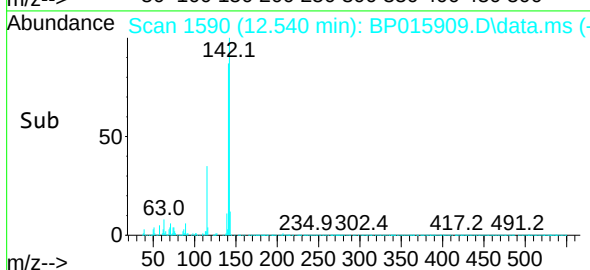
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023

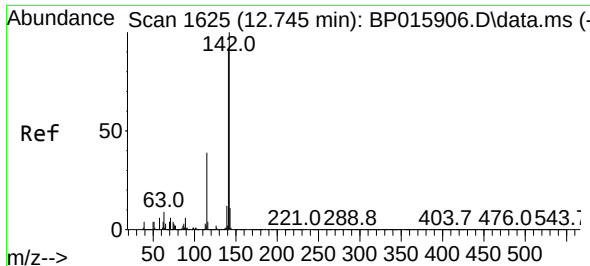


#36
2-Methylnaphthalene
Concen: 3.078 ng/ul
RT: 12.540 min Scan# 1590
Delta R.T. 0.012 min
Lab File: BP015909.D
Acq: 02 Jul 2023 06:06



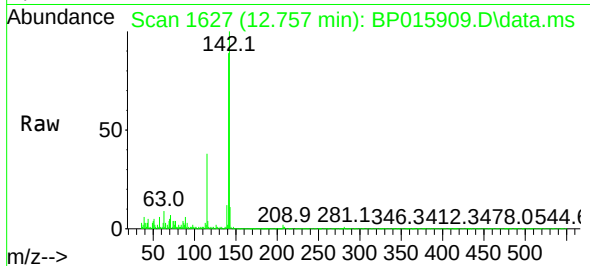
Tgt Ion:142 Resp: 156320
Ion Ratio Lower Upper
142 100
141 87.2 73.2 109.8





#37
1-Methylnaphthalene
Concen: 2.251 ng/ul
RT: 12.757 min Scan# 1627
Delta R.T. 0.012 min
Lab File: BP015909.D
Acq: 02 Jul 2023 06:06

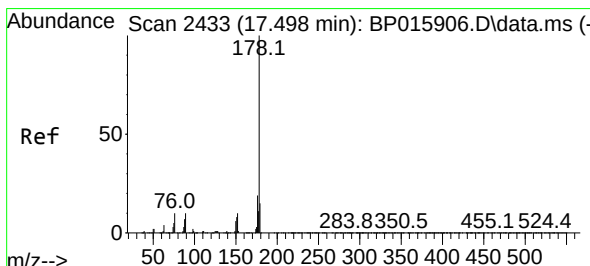
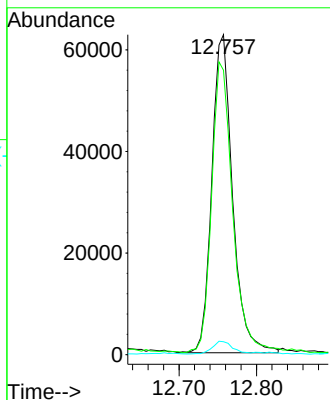
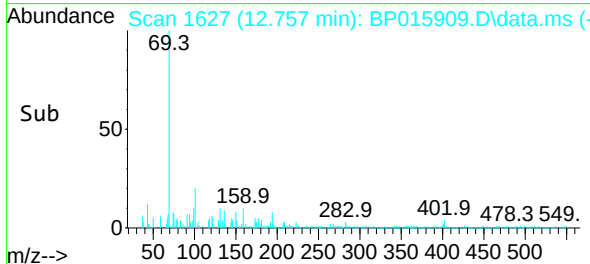
Instrument :
BNA_P
ClientSampleId :
DCGD4



Tgt Ion:142 Resp: 11663
Ion Ratio Lower Upper
142 100
141 88.9 73.1 109.7
116 4.1 4.0 6.0

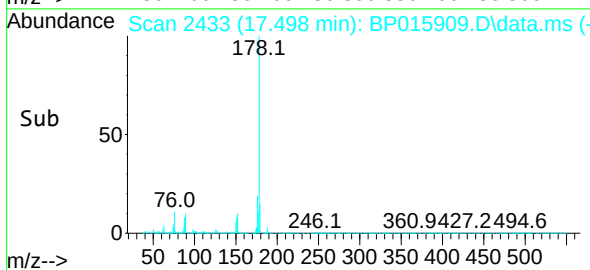
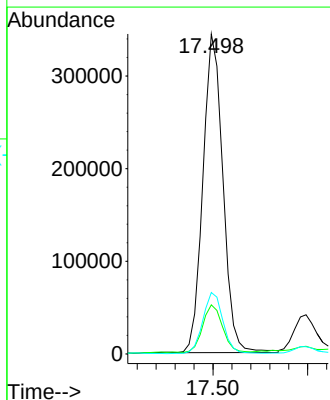
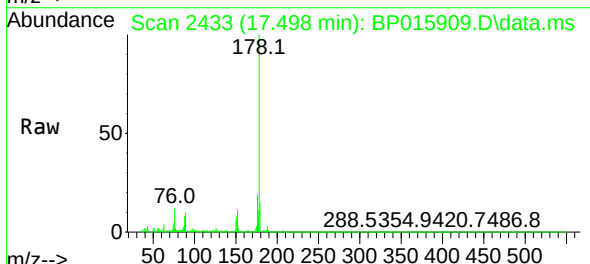
Manual Integrations
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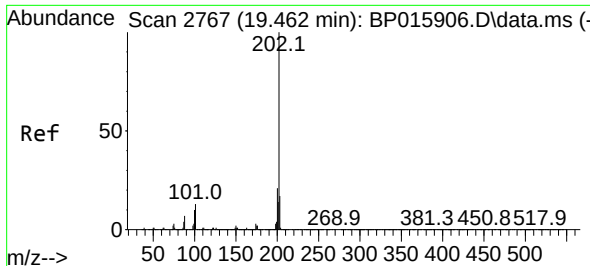
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023



#72
Phenanthrene
Concen: 5.207 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015909.D
Acq: 02 Jul 2023 06:06

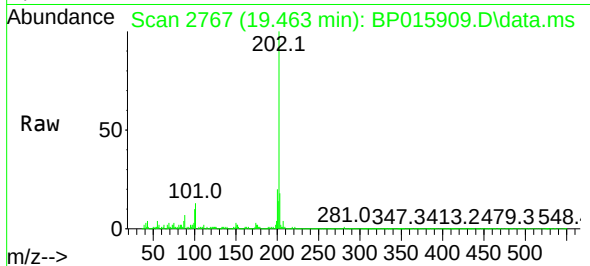
Tgt Ion:178 Resp: 503522
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.2 15.6 23.4





#80
Fluoranthene
Concen: 7.070 ng/u1
RT: 19.463 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP015909.D
Acq: 02 Jul 2023 06:06

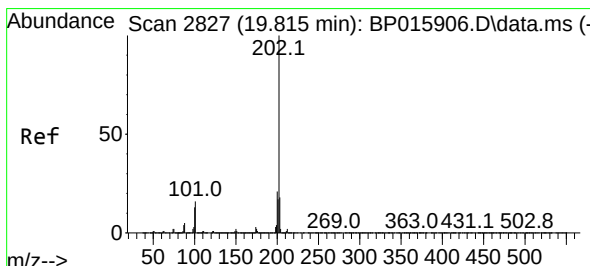
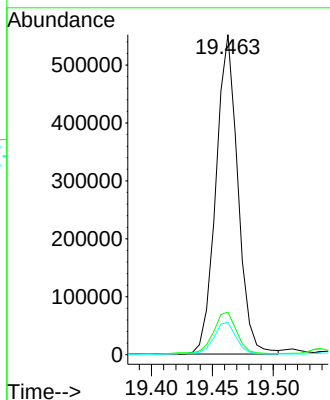
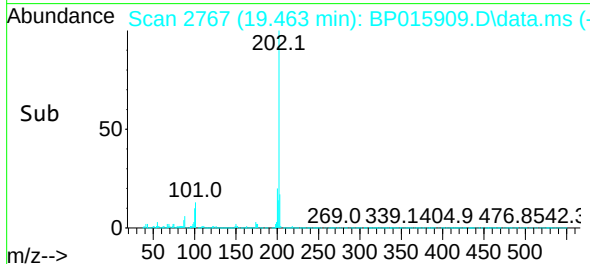
Instrument :
BNA_P
ClientSampleId :
DCGD4



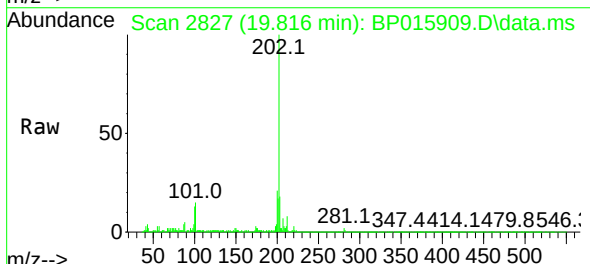
Tgt Ion:202 Resp: 690764
Ion Ratio Lower Upper
202 100
101 13.3 8.3 12.5#
100 10.1 6.6 9.8#

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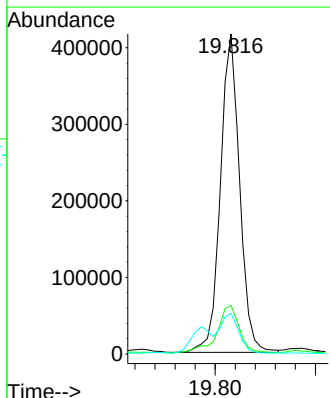
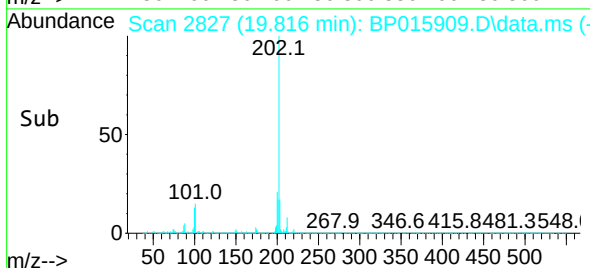
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023

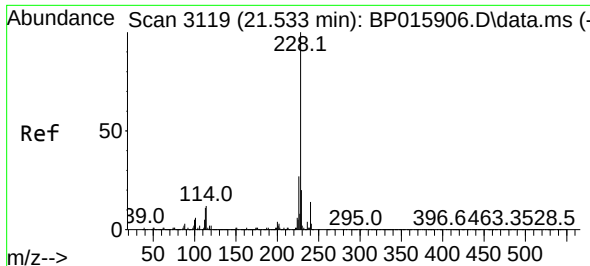


#82
Pyrene
Concen: 5.557 ng/u1
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015909.D
Acq: 02 Jul 2023 06:06



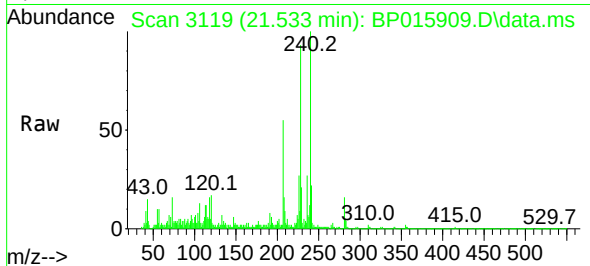
Tgt Ion:202 Resp: 553827
Ion Ratio Lower Upper
202 100
101 15.2 9.3 13.9#
100 12.7 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 3.566 ng/u1
RT: 21.533 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP015909.D
Acq: 02 Jul 2023 06:06

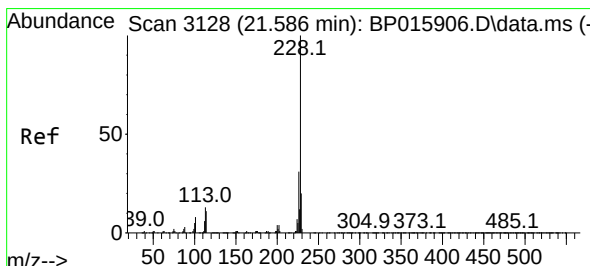
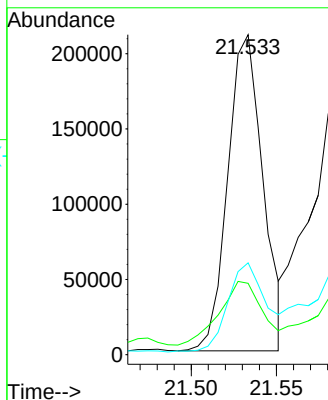
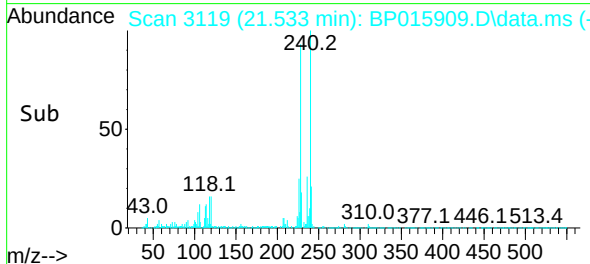
Instrument :
BNA_P
ClientSampleId :
DCGD4



Tgt Ion:228 Resp: 301980
Ion Ratio Lower Upper
228 100
229 22.3 15.3 22.9
226 28.7 21.4 32.0

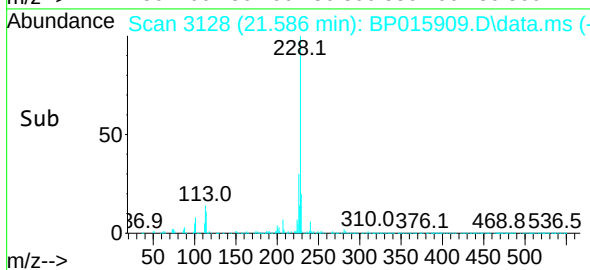
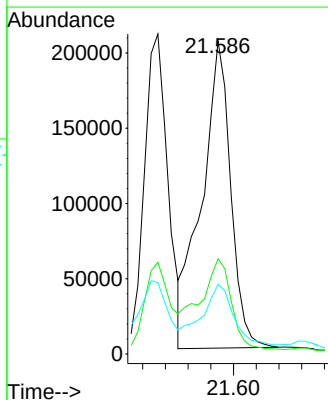
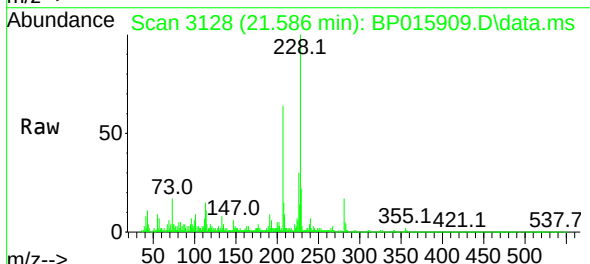
Manual Integrations
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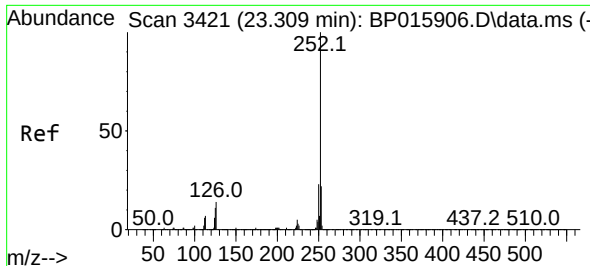
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023



#87
Chrysene
Concen: 4.513 ng/u1
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP015909.D
Acq: 02 Jul 2023 06:06

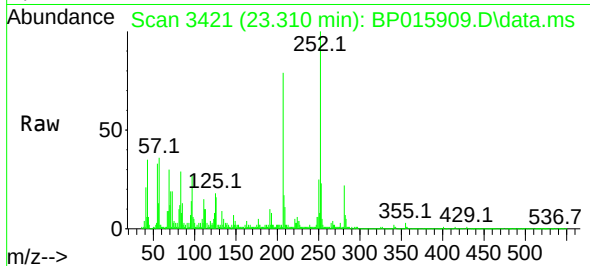
Tgt Ion:228 Resp: 362574
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 6.420 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP015909.D
Acq: 02 Jul 2023 06:06

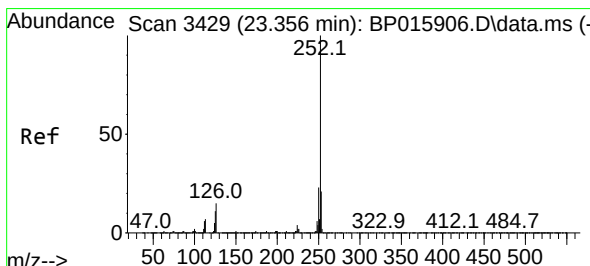
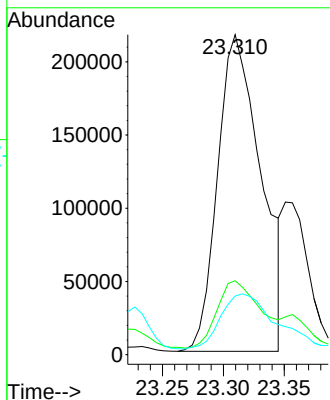
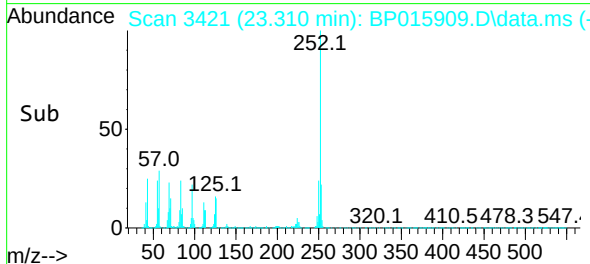
Instrument :
BNA_P
ClientSampleId :
DCGD4



Tgt Ion:252 Resp: 535930
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 18.4 7.5 11.3

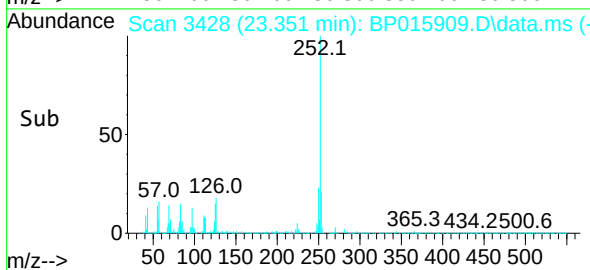
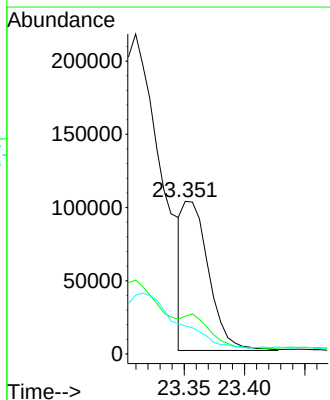
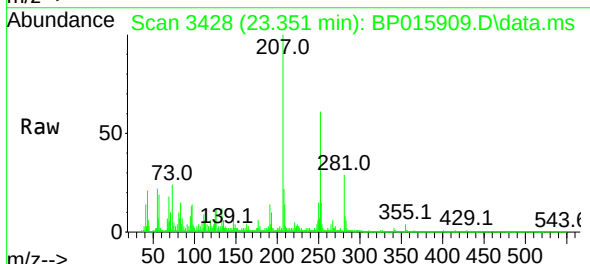
Manual Integrations
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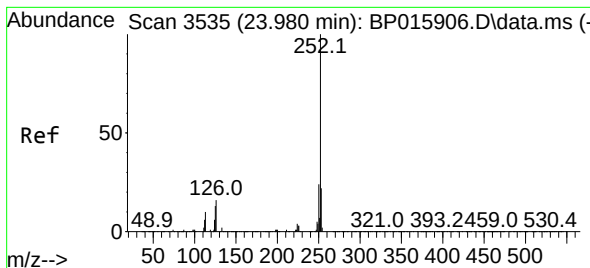
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023



#91
Benzo(k)fluoranthene
Concen: 1.816 ng/ul m
RT: 23.351 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP015909.D
Acq: 02 Jul 2023 06:06

Tgt Ion:252 Resp: 153197
Ion Ratio Lower Upper
252 100
253 24.7 17.0 25.4
125 18.4 7.3 10.9





#93

Benzo(a)pyrene

Concen: 4.198 ng/ul

RT: 23.974 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP015909.D

Acq: 02 Jul 2023 06:06

Instrument :

BNA_P

ClientSampleId :

DCGD4

Tgt Ion:252 Resp: 306220

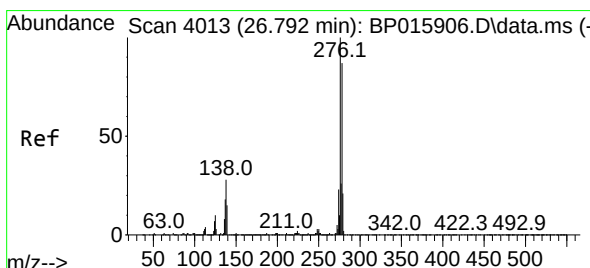
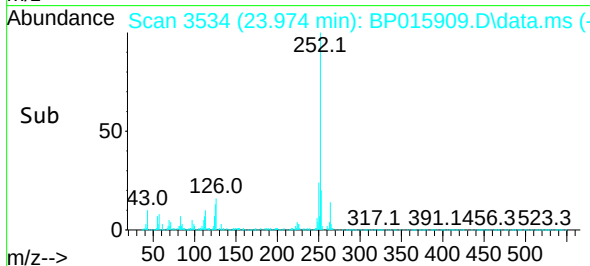
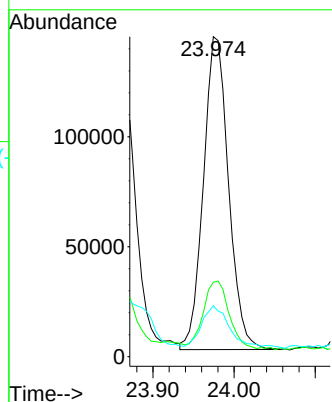
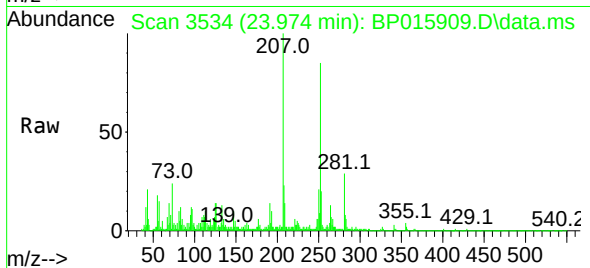
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	15.9	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :mohammad ahmed 07/03/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.867 ng/ul

RT: 26.792 min Scan# 4013

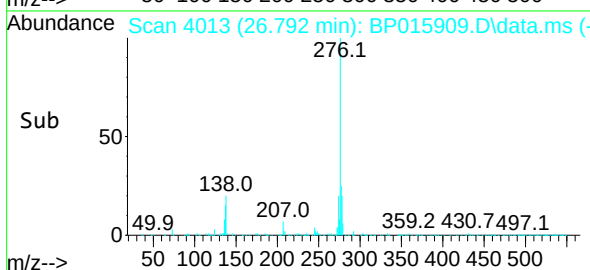
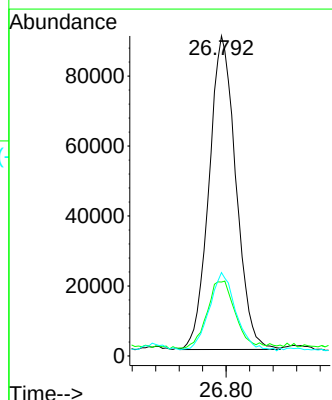
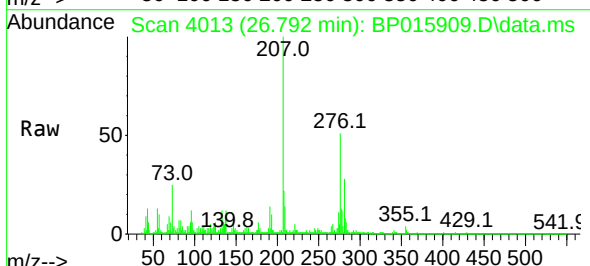
Delta R.T. 0.000 min

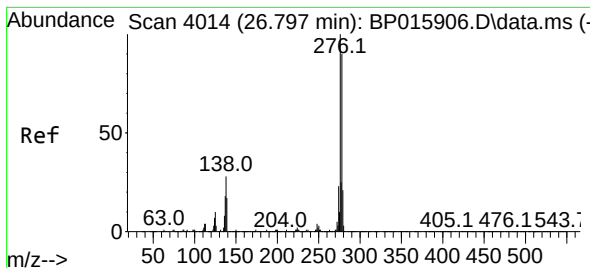
Lab File: BP015909.D

Acq: 02 Jul 2023 06:06

Tgt Ion:276 Resp: 283927

Ion	Ratio	Lower	Upper
276	100		
138	23.1	15.7	23.5
277	26.0	19.6	29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.000 ng/ul

RT: 26.792 min Scan# 4014

Delta R.T. -0.006 min

Lab File: BP015909.D

Acq: 02 Jul 2023 06:06

Instrument :

BNP_P

ClientSampleId :

DCGD4

Tgt Ion:278 Resp: 81338

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7

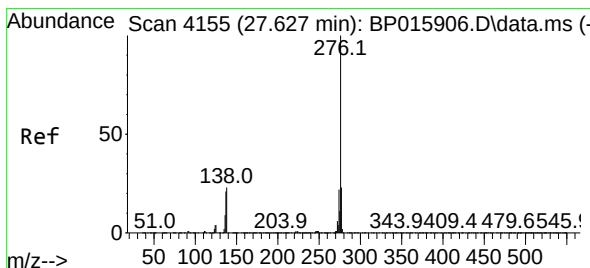
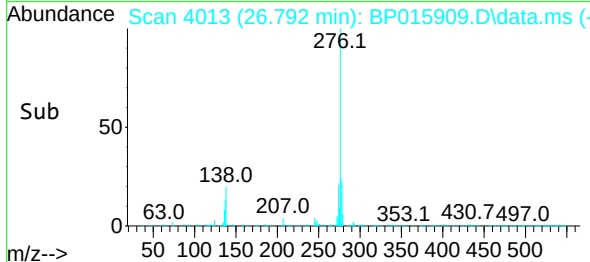
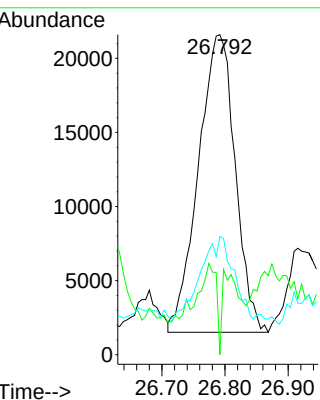
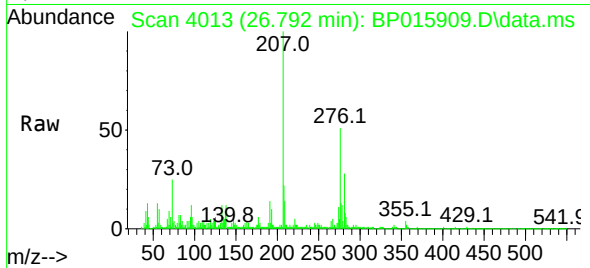
279 36.9 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :mohammad ahmed 07/03/2023



#96

Benzo(g,h,i)perylene

Concen: 3.073 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. 0.006 min

Lab File: BP015909.D

Acq: 02 Jul 2023 06:06

Tgt Ion:276 Resp: 250322

Ion Ratio Lower Upper

276 100

138 25.4 15.1 22.7

277 23.3 18.8 28.2

