

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015995.D
 Acq On : 05 Jul 2023 02:26
 Operator : MA/JU
 Sample : 03244-12
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGF1

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 03:46:02 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	8.034	152	519829	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.863	136	2266806	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.687	164	1348478	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.451	188	2645203	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	1691881	20.000	ng/u1	0.00
88) Perylene-d12	24.092	264	1937128	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	56232	3.892	ng/uL	0.00
4) Pyridine-d5	3.811	84	594469	16.322	ng/u1	0.00
7) Phenol-d5	7.222	99	1265785	28.459	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	783428	28.471	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	978721	29.151	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	868813	24.727	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	498848	28.796	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	566471	28.017	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	972378	26.988	ng/u1	0.01
31) 4-Chloroaniline-d4	11.063	131	113998	2.463	ng/u1	0.04
46) Dimethylphthalate-d6	14.098	166	3096839	29.712	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	3549156	30.292	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	381488	27.736	ng/u1	0.02
60) Fluorene-d10	15.687	176	2570138	29.948	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	286198	17.593	ng/u1	0.00
73) Anthracene-d10	17.551	188	3510408	29.053	ng/u1	0.00
81) Pyrene-d10	19.780	212	3384517	30.636	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	2924509	29.928	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.916	128	183533	1.489	ng/u1	99
50) Acenaphthylene	14.416	152	555116	4.300	ng/u1	99
72) Phenanthrene	17.492	178	447424	3.114	ng/u1	100
74) Anthracene	17.586	178	326881	2.264	ng/u1	99
80) Fluoranthene	19.457	202	1712692	12.474	ng/u1#	93
82) Pyrene	19.810	202	1584206	11.311	ng/u1#	91
85) Benzo(a)anthracene	21.527	228	915146	7.689	ng/u1	96
87) Chrysene	21.580	228	1046897	9.271	ng/u1	97
90) Benzo(b)fluoranthene	23.304	252	2124795	17.071	ng/u1#	95
91) Benzo(k)fluoranthene	23.351	252	627815m	4.992	ng/u1	
93) Benzo(a)pyrene	23.974	252	1294352	11.901	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.809	276	1257997	8.521	ng/u1	97
95) Dibenzo(a,h)anthracene	26.804	278	305584	2.520	ng/u1#	75
96) Benzo(g,h,i)perylene	27.656	276	1188113	9.782	ng/u1#	95

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

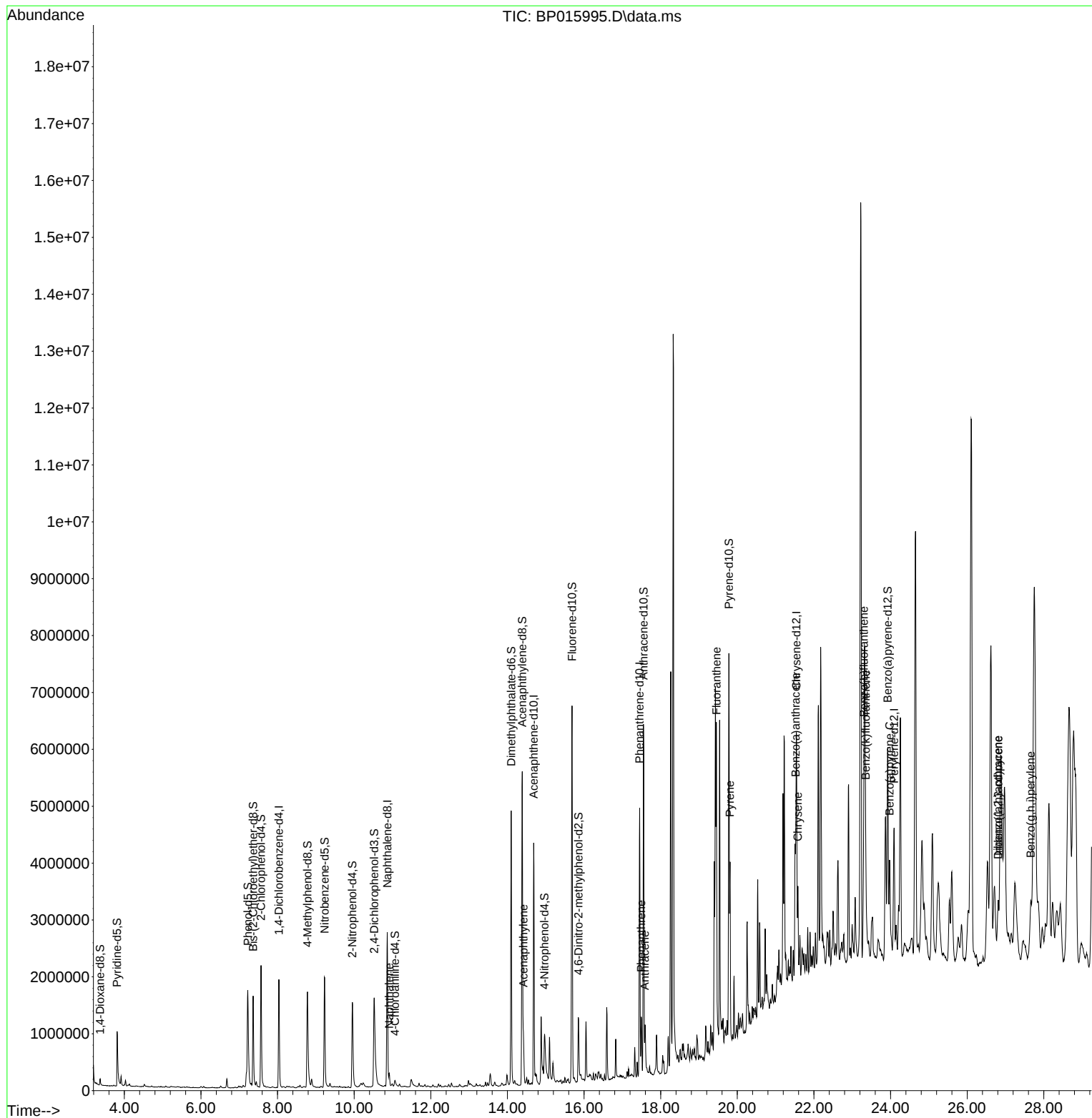
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015995.D
Acq On : 05 Jul 2023 02:26
Operator : MA/JU
Sample : 03244-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

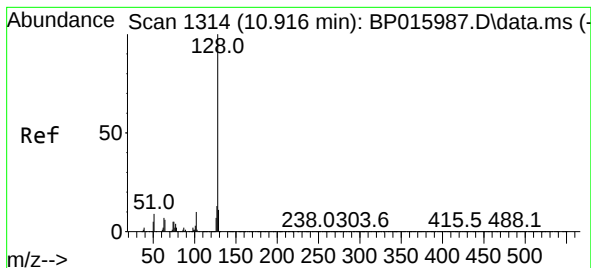
Instrument :
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Quant Time: Jul 05 03:46:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
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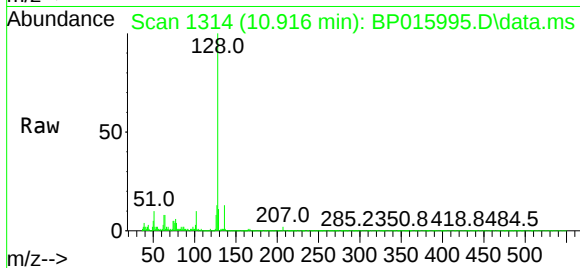
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#30
Naphthalene
Concen: 1.489 ng/ul
RT: 10.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015995.D
Acq: 05 Jul 2023 02:26

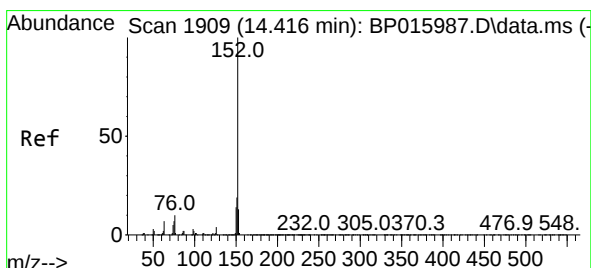
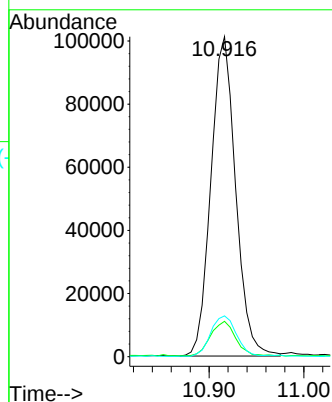
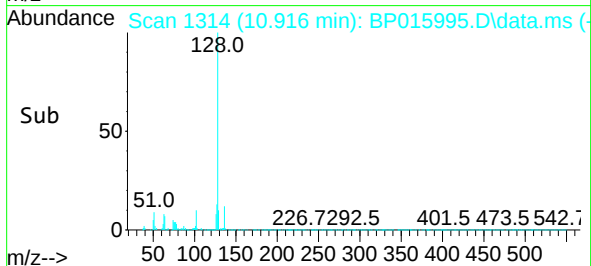
Instrument :
BNA_P
ClientSampleId :
DCGF1



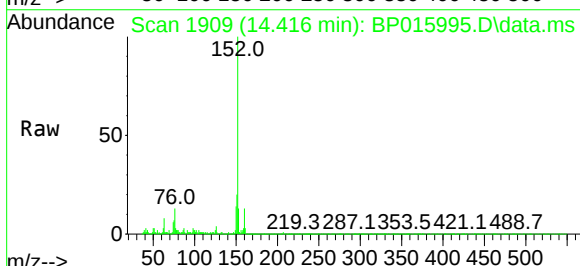
Tgt Ion:128 Resp: 18353
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.7 10.3 15.5

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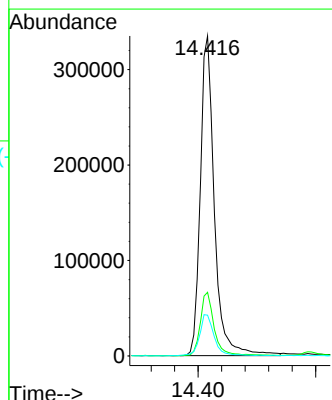
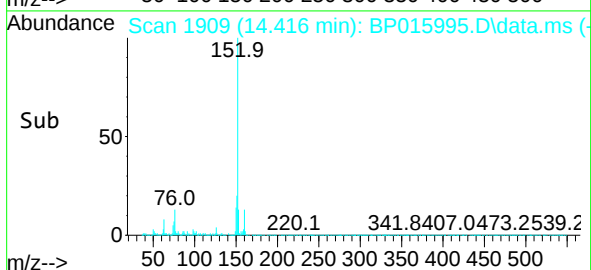
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

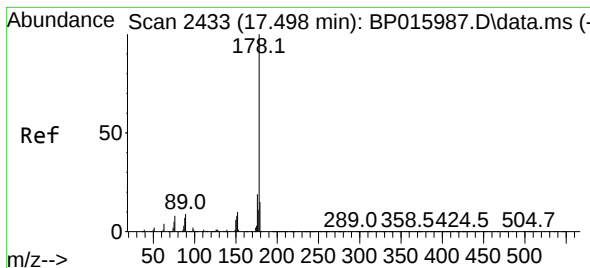


#50
Acenaphthylene
Concen: 4.300 ng/ul
RT: 14.416 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP015995.D
Acq: 05 Jul 2023 02:26



Tgt Ion:152 Resp: 555116
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.7 10.5 15.7





#72

Phenanthrene

Concen: 3.114 ng/ul

RT: 17.492 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP015995.D

Acq: 05 Jul 2023 02:26

Instrument :

BNP_P

ClientSampleId :

DCGF1

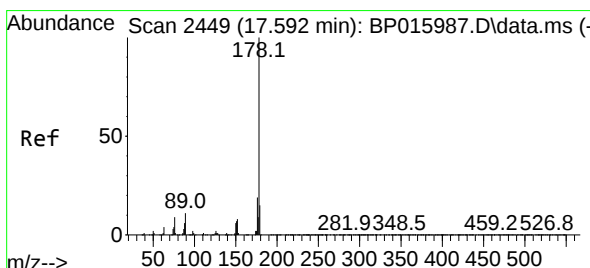
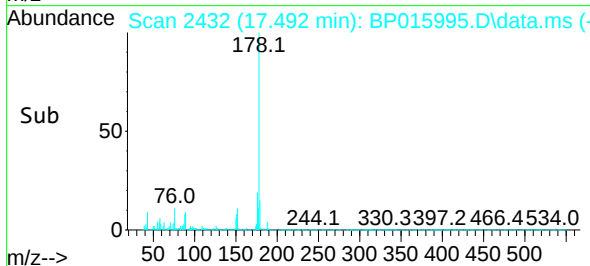
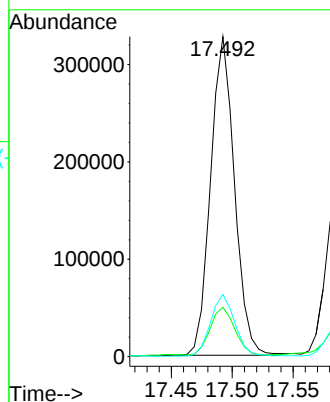
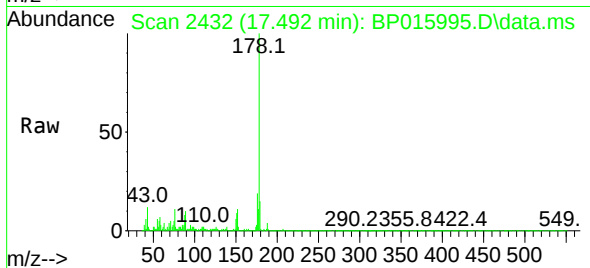
Tgt Ion:178	Resp: 447424
Ion Ratio	Lower Upper
178 100	
179 15.4	12.4 18.6
176 19.4	15.6 23.4

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#74

Anthracene

Concen: 2.264 ng/ul

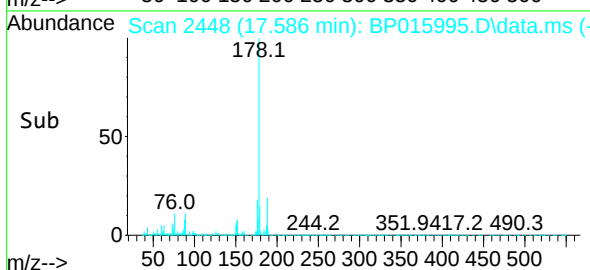
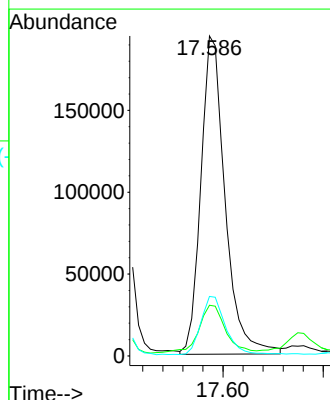
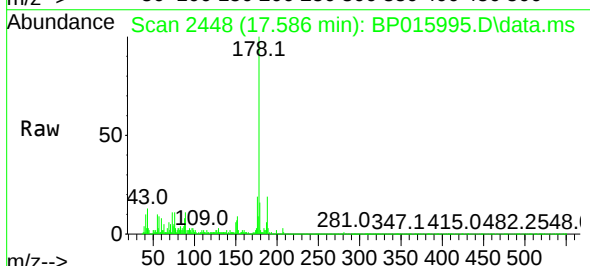
RT: 17.586 min Scan# 2448

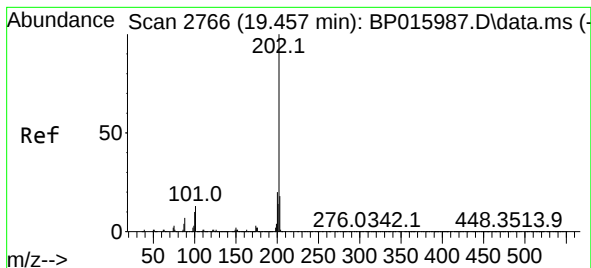
Delta R.T. -0.011 min

Lab File: BP015995.D

Acq: 05 Jul 2023 02:26

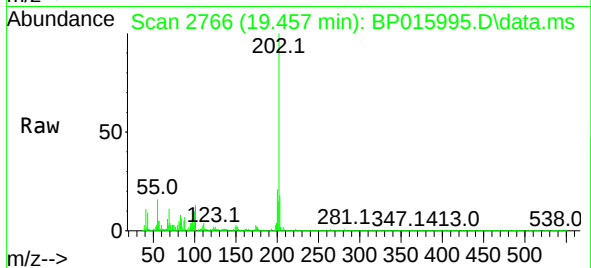
Tgt Ion:178	Resp: 326881
Ion Ratio	Lower Upper
178 100	
179 15.9	12.1 18.1
176 18.6	14.6 22.0





#80
Fluoranthene
Concen: 12.474 ng/ul
RT: 19.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015995.D
Acq: 05 Jul 2023 02:26

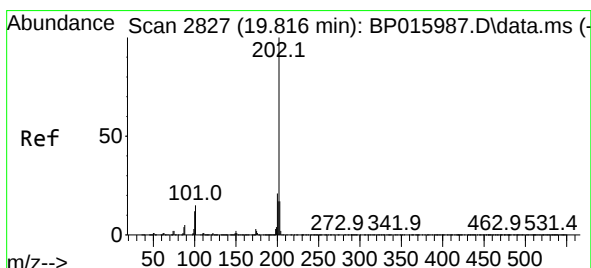
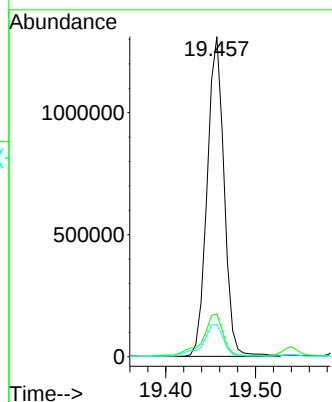
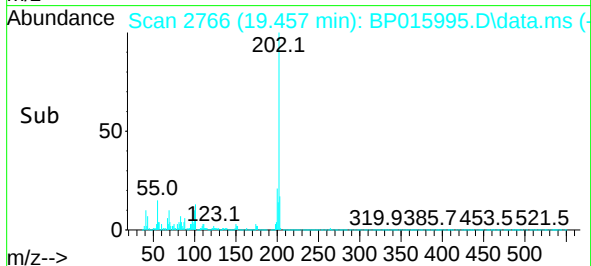
Instrument :
BNA_P
ClientSampleId :
DCGF1



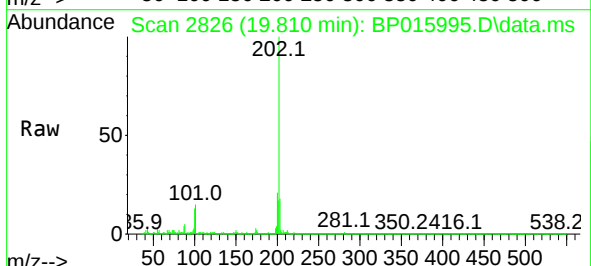
Tgt Ion:202 Resp: 1712692
Ion Ratio Lower Upper
202 100
101 13.3 8.3 12.5#
100 10.1 6.6 9.8#

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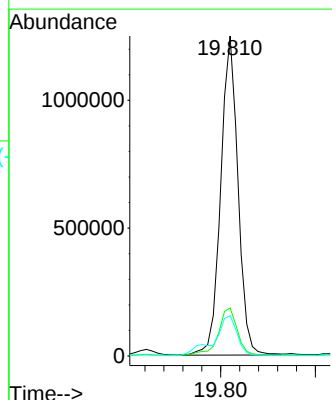
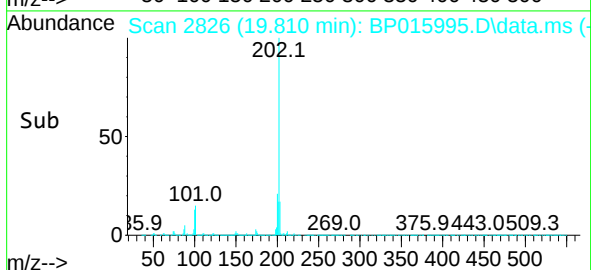
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

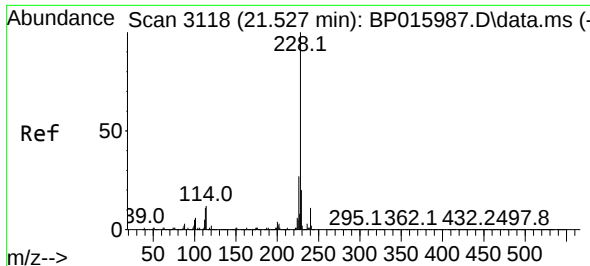


#82
Pyrene
Concen: 11.311 ng/ul
RT: 19.810 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BP015995.D
Acq: 05 Jul 2023 02:26



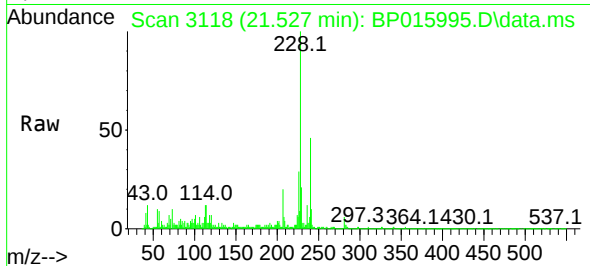
Tgt Ion:202 Resp: 1584206
Ion Ratio Lower Upper
202 100
101 15.0 9.3 13.9#
100 12.6 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 7.689 ng/u1
RT: 21.527 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP015995.D
Acq: 05 Jul 2023 02:26

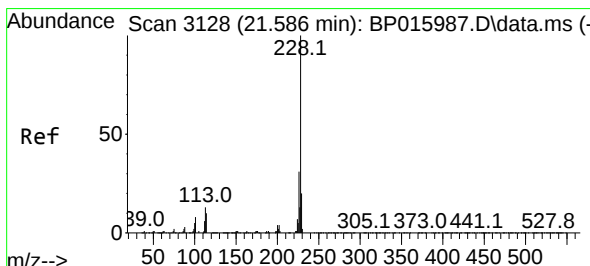
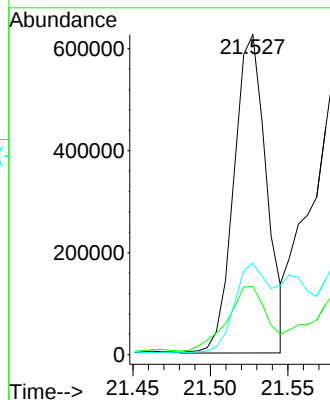
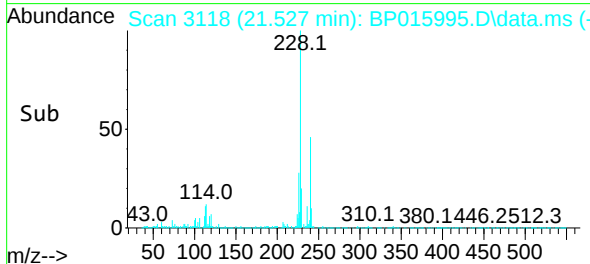
Instrument :
BNA_P
ClientSampleId :
DCGF1



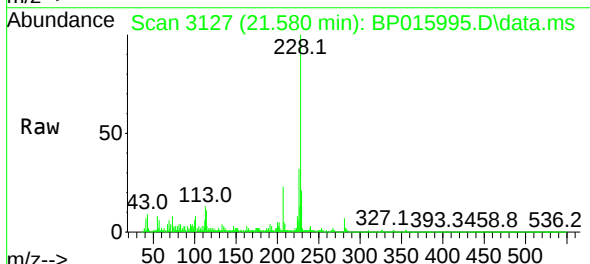
Tgt Ion:228 Resp: 915140
Ion Ratio Lower Upper
228 100
229 21.3 15.3 22.9
226 28.7 21.4 32.0

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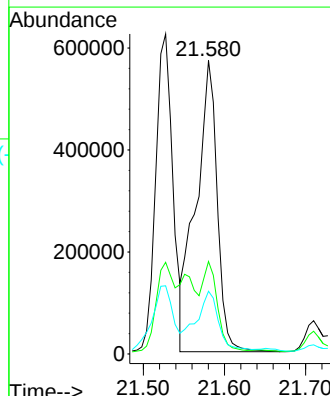
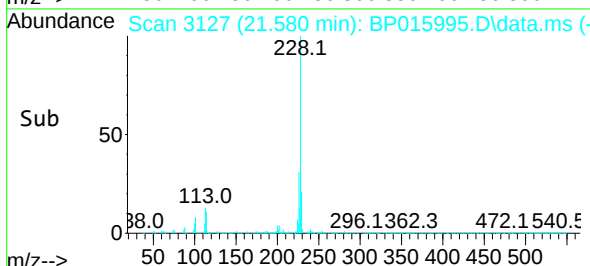
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

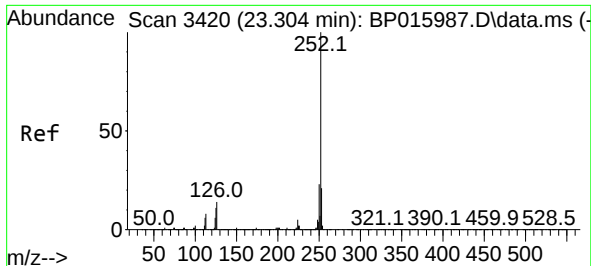


#87
Chrysene
Concen: 9.271 ng/u1
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP015995.D
Acq: 05 Jul 2023 02:26



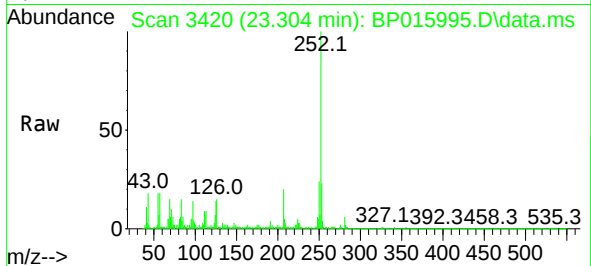
Tgt Ion:228 Resp: 1046897
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 21.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 17.071 ng/ul
RT: 23.304 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BP015995.D
Acq: 05 Jul 2023 02:26

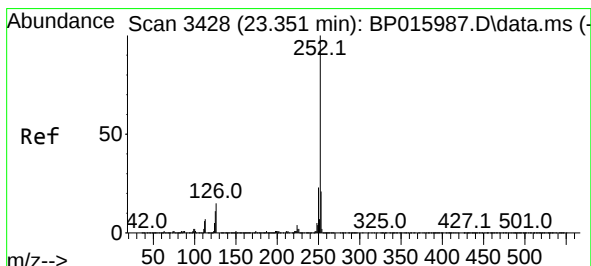
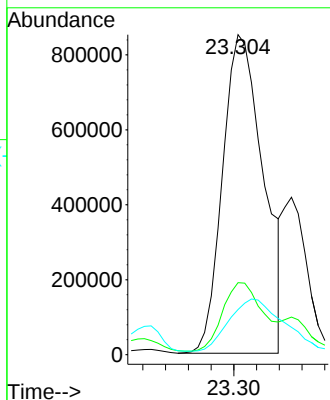
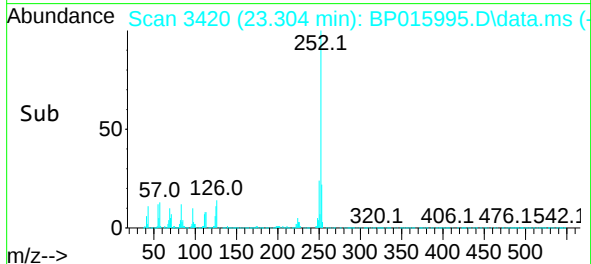
Instrument :
BNA_P
ClientSampleId :
DCGF1



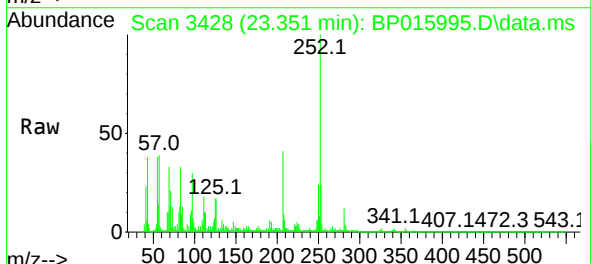
Tgt Ion:252 Resp: 212479
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 14.1 7.5 11.3

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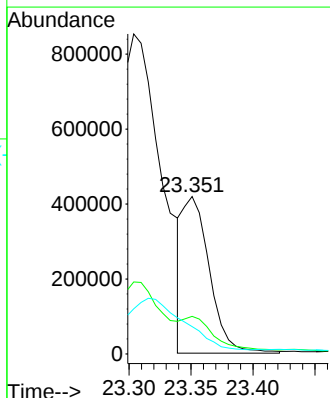
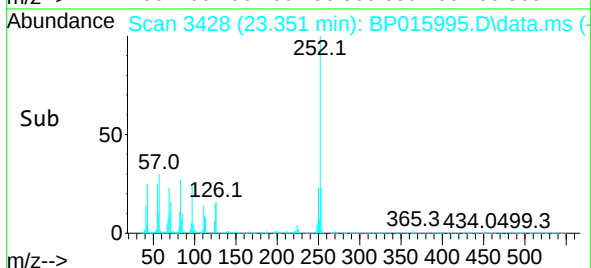
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

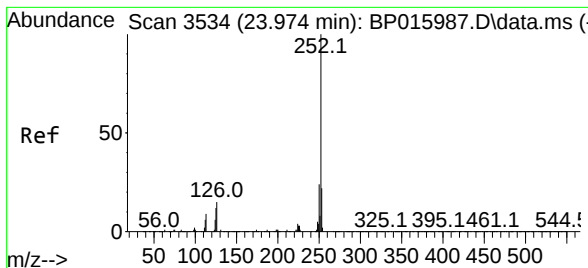


#91
Benzo(k)fluoranthene
Concen: 4.992 ng/ul m
RT: 23.351 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP015995.D
Acq: 05 Jul 2023 02:26



Tgt Ion:252 Resp: 627815
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.4
125 17.4 7.3 10.9





#93

Benzo(a)pyrene

Concen: 11.901 ng/ul

RT: 23.974 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015995.D

Acq: 05 Jul 2023 02:26

Instrument :

BNA_P

ClientSampleId :

DCGF1

Tgt Ion:252 Resp: 1294352

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

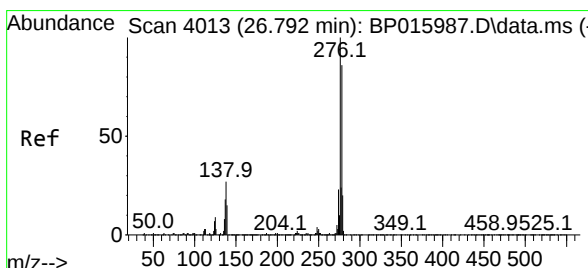
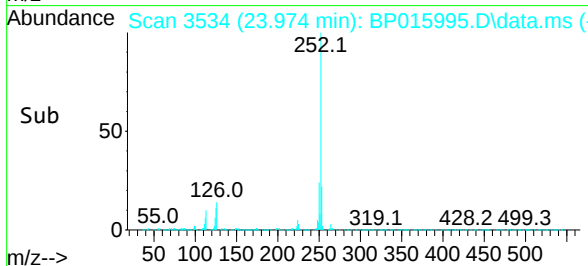
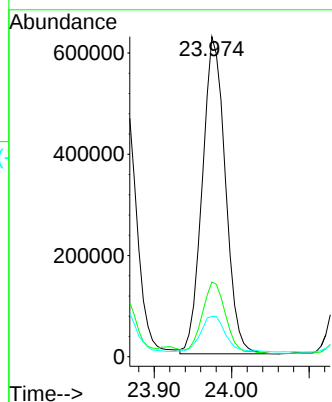
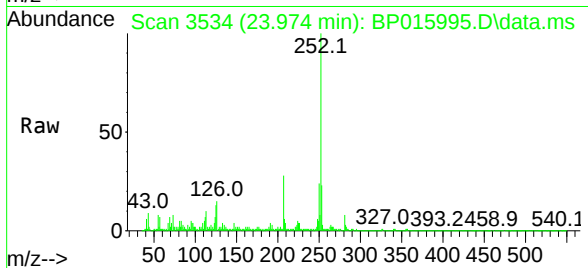
125 12.5 8.2 12.2

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.521 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. 0.018 min

Lab File: BP015995.D

Acq: 05 Jul 2023 02:26

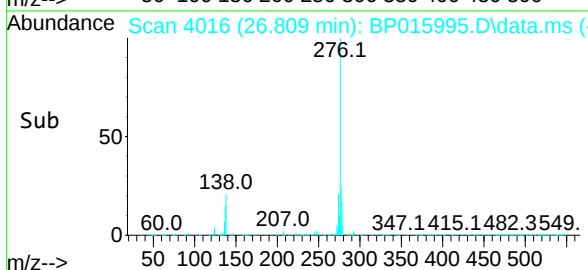
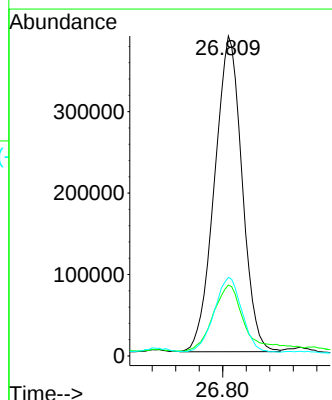
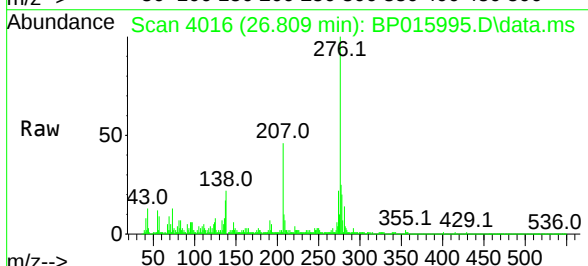
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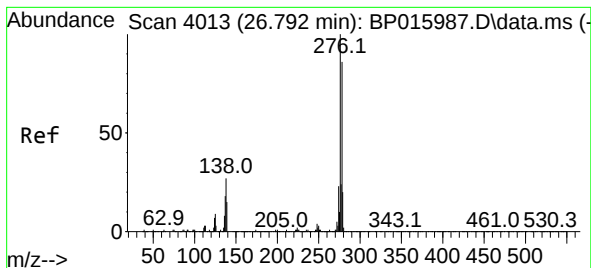
Ion Ratio Lower Upper

276 100

138 22.2 15.7 23.5

277 24.6 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 2.520 ng/ul

RT: 26.804 min Scan# 4013

Delta R.T. 0.006 min

Lab File: BP015995.D

Acq: 05 Jul 2023 02:26

Instrument :

BNP_P

ClientSampleId :

DCGF1

Tgt Ion:278 Resp: 305584

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7

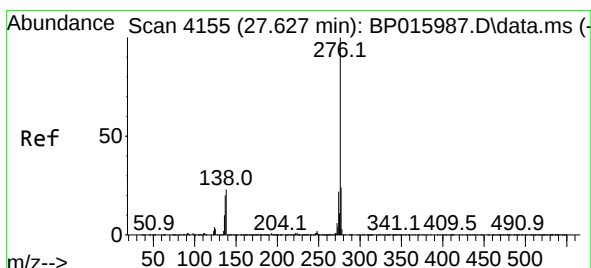
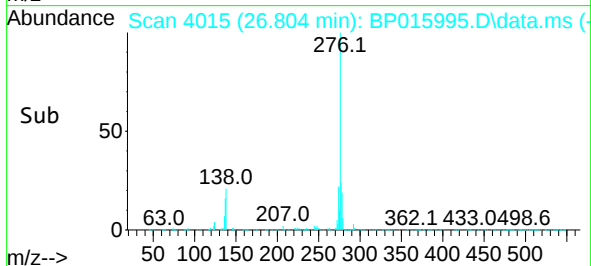
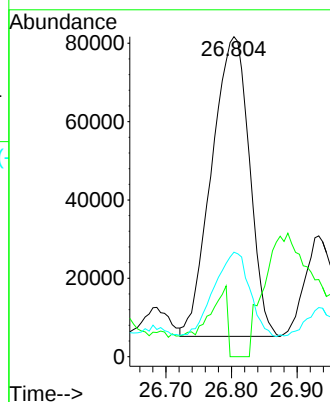
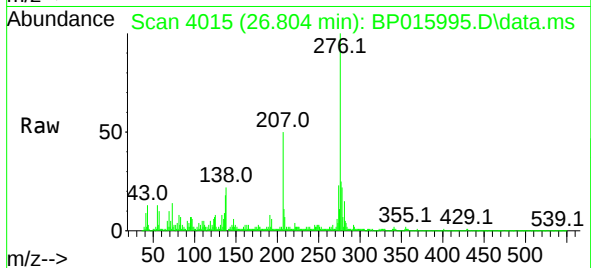
279 32.7 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#96

Benzo(g,h,i)perylene

Concen: 9.782 ng/ul

RT: 27.656 min Scan# 4160

Delta R.T. 0.030 min

Lab File: BP015995.D

Acq: 05 Jul 2023 02:26

Tgt Ion:276 Resp: 1188113

Ion Ratio Lower Upper

276 100

138 23.5 15.1 22.7

277 23.9 18.8 28.2

