

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015722.D
 Acq On : 26 Jun 2023 19:35
 Operator : MA/JU
 Sample : 03084-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFM6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 02:46:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	105371	20.000	ng/u1	0.00
20) Naphthalene-d8	10.899	136	391329	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	203702	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	399171	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	418321	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	542120	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	8688	2.966	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.240	99	128967	14.305	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.393	67	94617	16.963	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	116740	17.153	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	56577	7.944	ng/u1	0.02
21) Nitrobenzene-d5	9.258	128	52222	17.462	ng/u1	0.01
24) 2-Nitrophenol-d4	9.987	143	56139	16.083	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.563	165	85023	13.669	ng/u1	0.04
31) 4-Chloroaniline-d4	11.093	131	40612	5.083	ng/u1	0.05
46) Dimethylphthalate-d6	14.128	166	297128	18.872	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	330706	18.685	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	20678m	9.952	ng/u1	0.05
60) Fluorene-d10	15.716	176	241137	18.600	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	29652m	12.079	ng/u1	0.02
73) Anthracene-d10	17.581	188	323767	17.757	ng/u1	0.00
81) Pyrene-d10	19.804	212	441841	16.175	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	534408	19.542	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.440	152	19809	1.016	ng/u1	98
72) Phenanthrene	17.522	178	84038	3.875	ng/u1	98
80) Fluoranthene	19.481	202	271799	8.006	ng/u1	99
82) Pyrene	19.834	202	227522	6.570	ng/u1	100
85) Benzo(a)anthracene	21.551	228	149924	5.095	ng/u1	98
87) Chrysene	21.604	228	175965	6.303	ng/u1	98
90) Benzo(b)fluoranthene	23.333	252	278821	8.004	ng/u1#	97
91) Benzo(k)fluoranthene	23.375	252	100376	2.852	ng/u1#	93
93) Benzo(a)pyrene	23.998	252	173669	5.706	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.821	276	156839	3.796	ng/u1	97
95) Dibenzo(a,h)anthracene	26.816	278	42488	1.252	ng/u1#	75
96) Benzo(g,h,i)perylene	27.657	276	150152	4.417	ng/u1	98

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

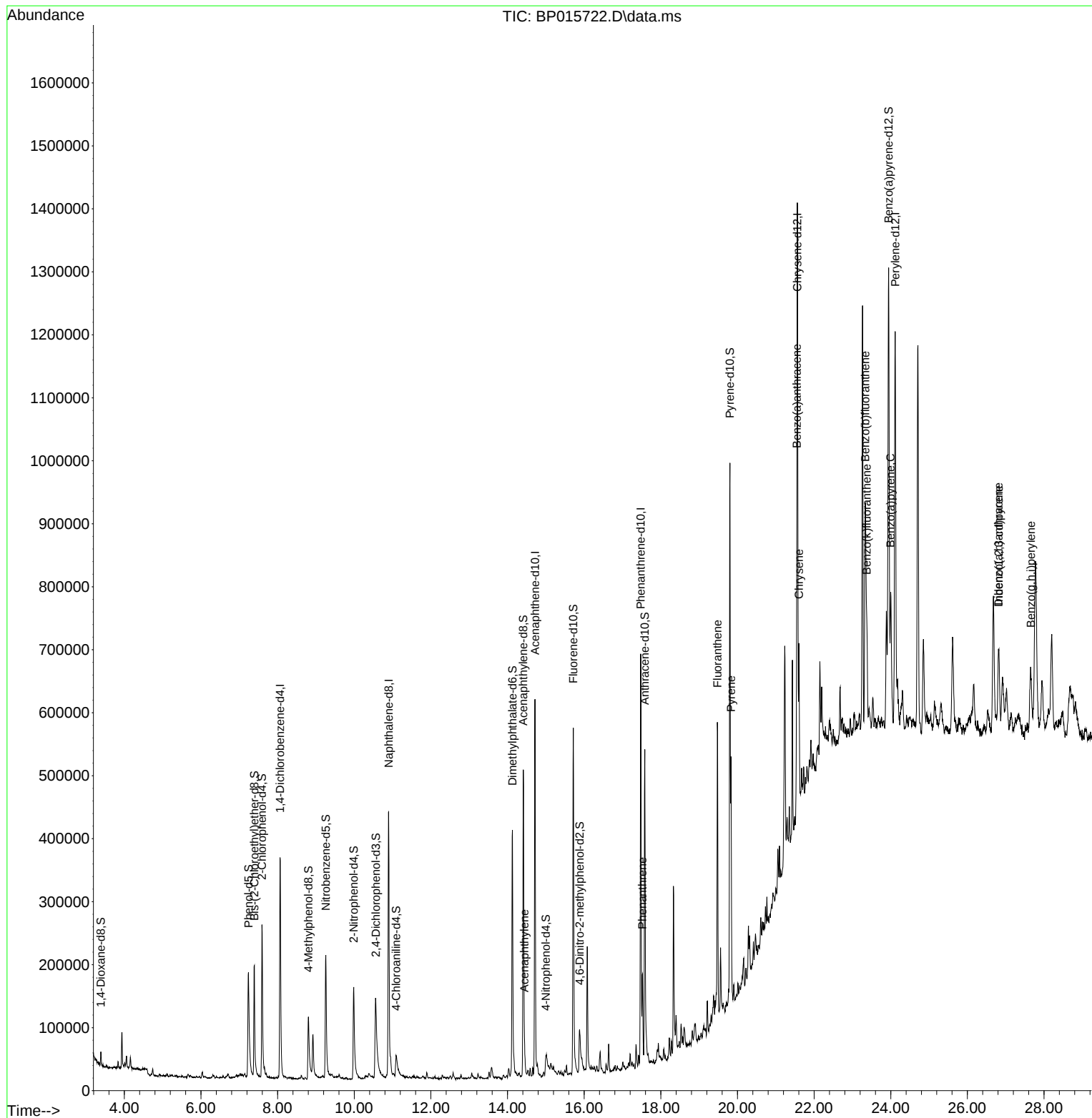
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015722.D
Acq On : 26 Jun 2023 19:35
Operator : MA/JU
Sample : 03084-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

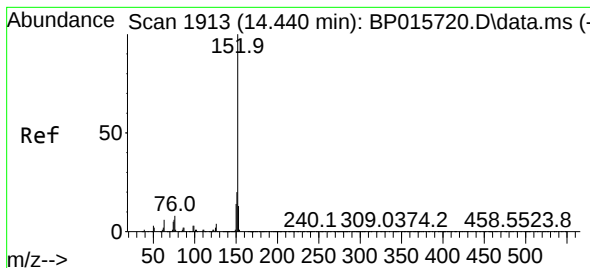
Instrument :
BNA_P
ClientSampleId :
DCFM6

Quant Time: Jun 27 02:46:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
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Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023





#50

Acenaphthylene

Concen: 1.016 ng/ul

RT: 14.440 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BP015722.D

Acq: 26 Jun 2023 19:35

Instrument :

BNA_P

ClientSampleId :

DCFM6

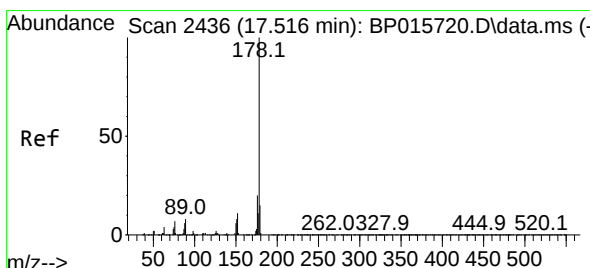
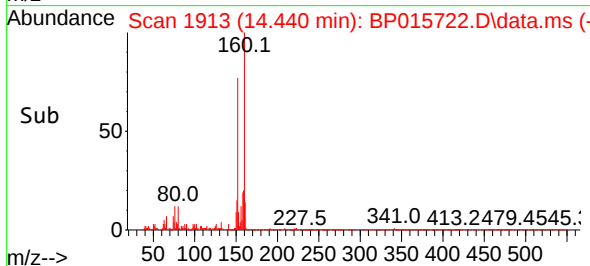
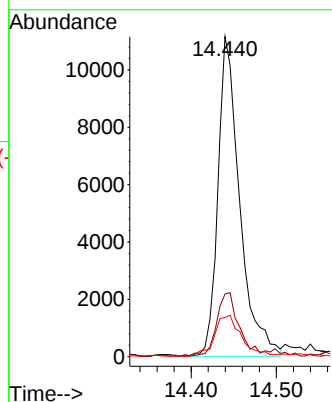
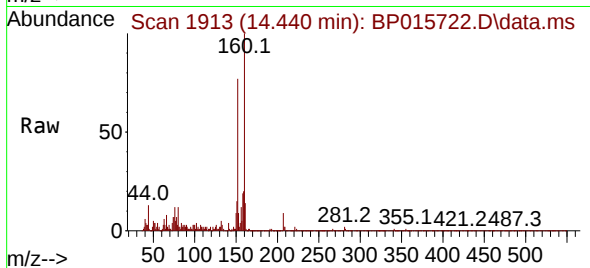
Tgt Ion:	152	Resp:	19809
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.2
153	12.2	10.5	15.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/27/2023



#72

Phenanthrene

Concen: 3.875 ng/ul

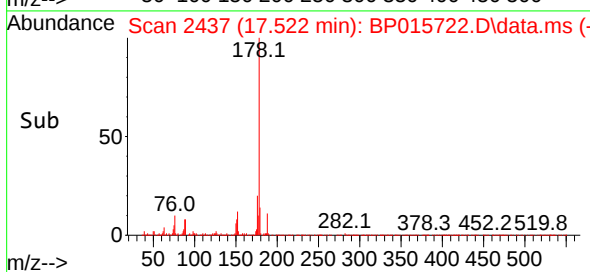
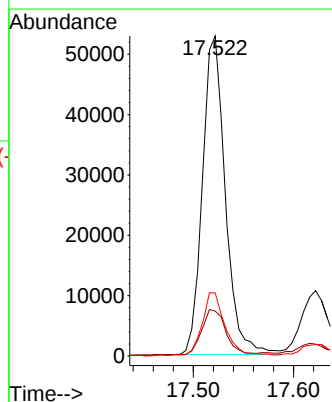
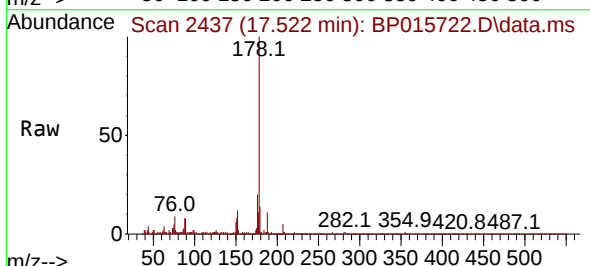
RT: 17.522 min Scan# 2437

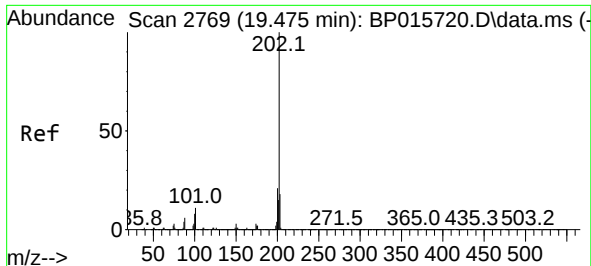
Delta R.T. 0.006 min

Lab File: BP015722.D

Acq: 26 Jun 2023 19:35

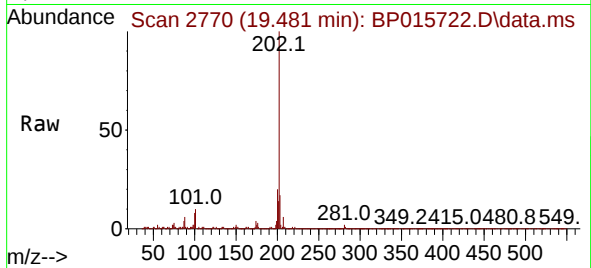
Tgt Ion:	178	Resp:	84038
Ion Ratio	Lower	Upper	
178	100		
179	14.0	12.4	18.6
176	19.7	15.6	23.4





#80
Fluoranthene
Concen: 8.006 ng/u1
RT: 19.481 min Scan# 2769
Delta R.T. 0.006 min
Lab File: BP015722.D
Acq: 26 Jun 2023 19:35

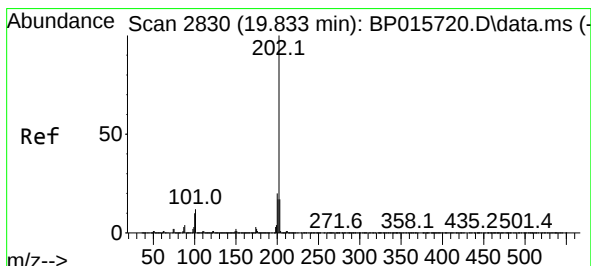
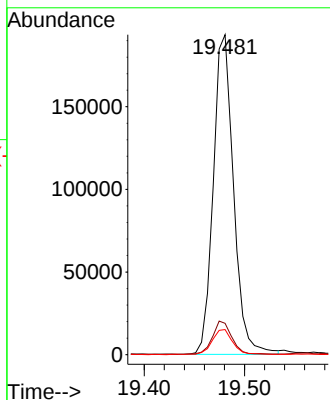
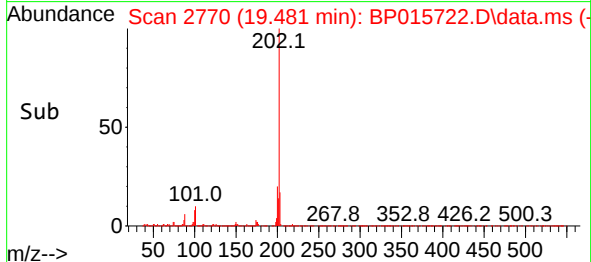
Instrument :
BNA_P
ClientSampleId :
DCFM6



Tgt Ion:202 Resp: 271799
Ion Ratio Lower Upper
202 100
101 9.8 8.3 12.5
100 7.9 6.6 9.8

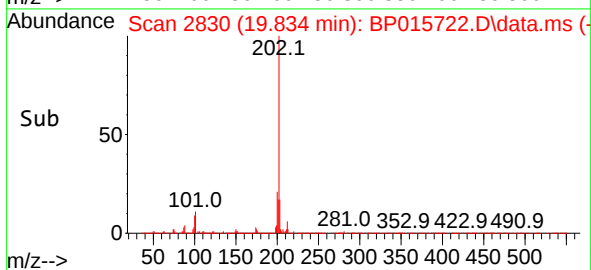
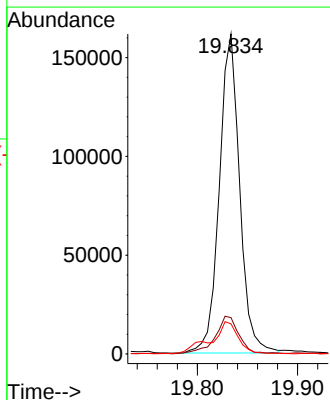
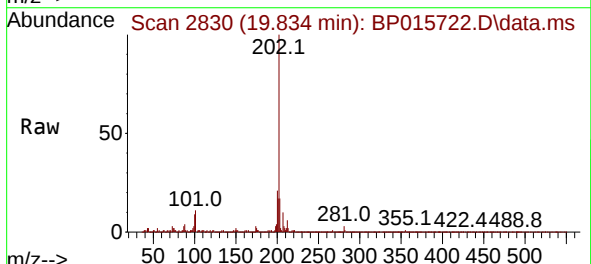
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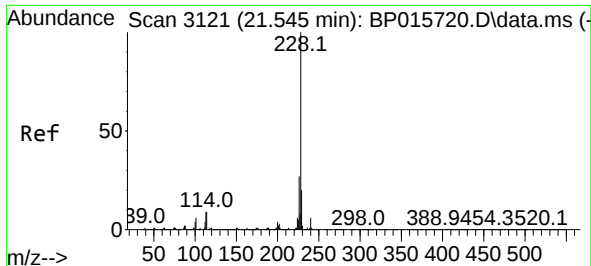
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#82
Pyrene
Concen: 6.570 ng/u1
RT: 19.834 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BP015722.D
Acq: 26 Jun 2023 19:35

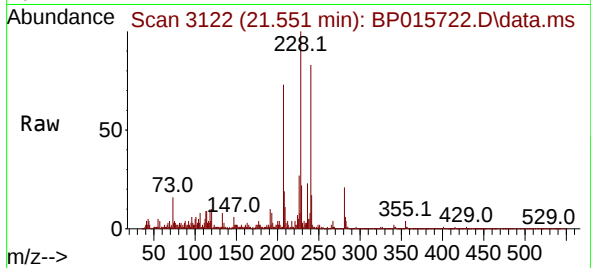
Tgt Ion:202 Resp: 227522
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 9.4 7.6 11.4





#85
Benzo(a)anthracene
Concen: 5.095 ng/u1
RT: 21.551 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BP015722.D
Acq: 26 Jun 2023 19:35

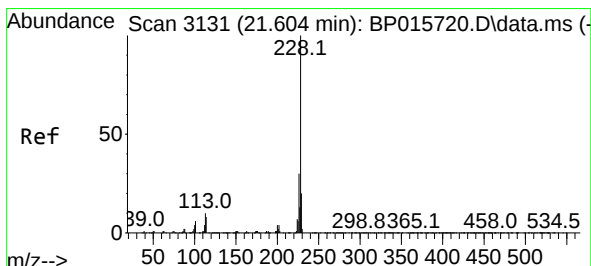
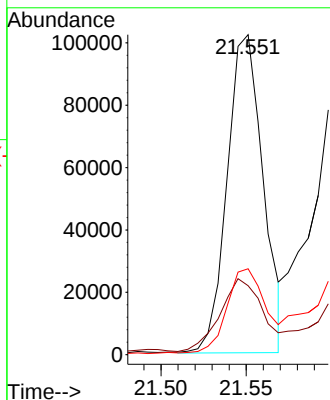
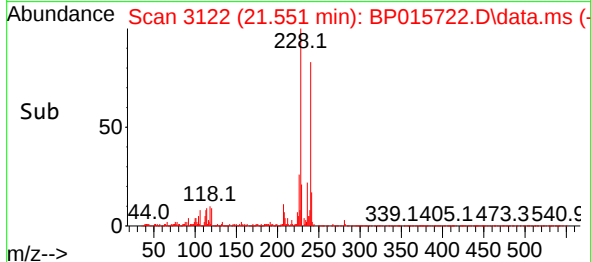
Instrument :
BNA_P
ClientSampleId :
DCFM6



Tgt Ion:228 Resp: 149924
Ion Ratio Lower Upper
228 100
229 21.6 15.3 22.9
226 26.9 21.4 32.0

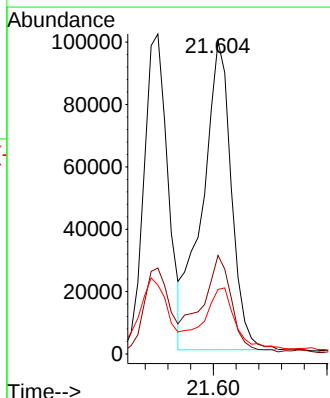
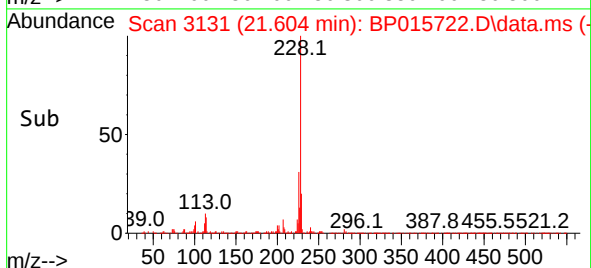
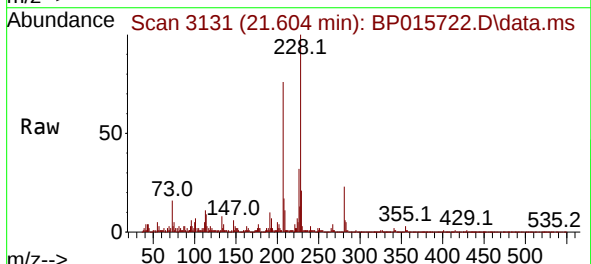
Manual Integrations
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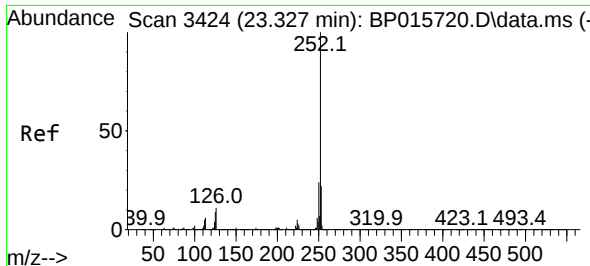
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#87
Chrysene
Concen: 6.303 ng/u1
RT: 21.604 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP015722.D
Acq: 26 Jun 2023 19:35

Tgt Ion:228 Resp: 175965
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 20.6 15.5 23.3





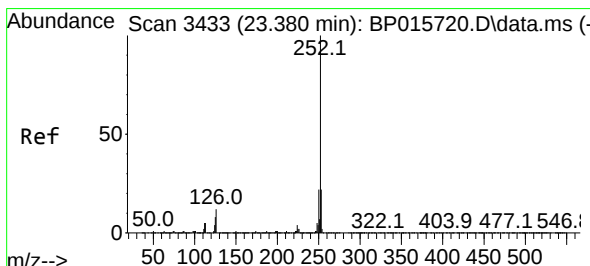
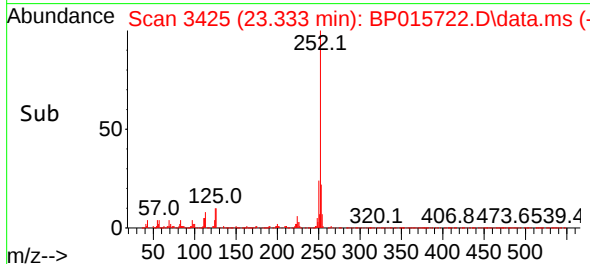
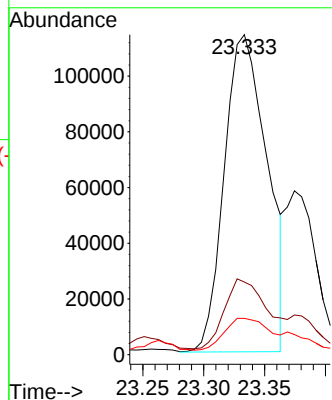
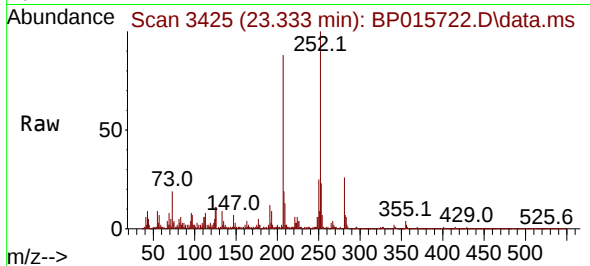
#90
Benzo(b)fluoranthene
Concen: 8.004 ng/u1
RT: 23.333 min Scan# 3424
Delta R.T. 0.006 min
Lab File: BP015722.D
Acq: 26 Jun 2023 19:35

Instrument :
BNA_P
ClientSampleId :
DCFM6

Tgt Ion:252 Resp: 27882
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 11.4 7.5 11.3

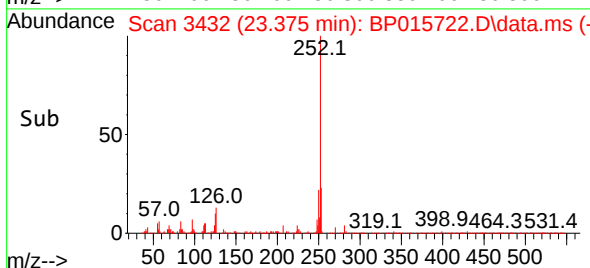
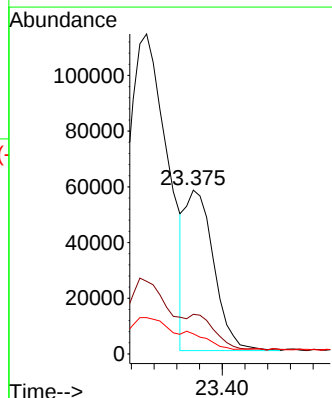
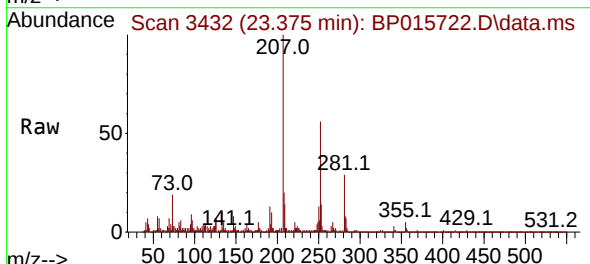
Manual Integrations
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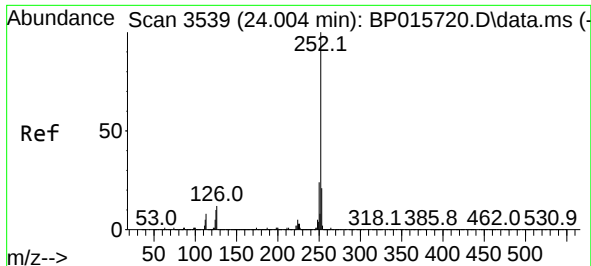
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#91
Benzo(k)fluoranthene
Concen: 2.852 ng/u1
RT: 23.375 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015722.D
Acq: 26 Jun 2023 19:35

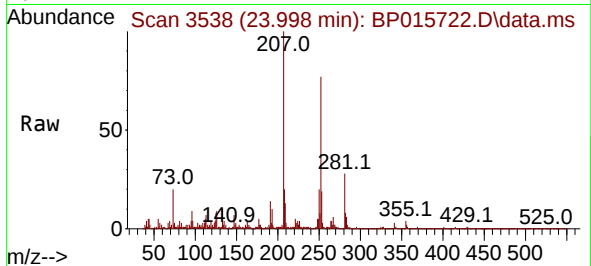
Tgt Ion:252 Resp: 100376
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.4
125 12.3 7.3 10.9





#93
Benzo(a)pyrene
Concen: 5.706 ng/ul
RT: 23.998 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BP015722.D
Acq: 26 Jun 2023 19:35

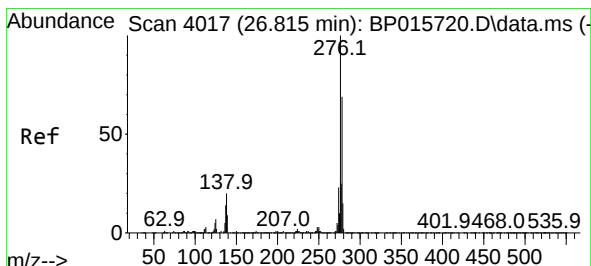
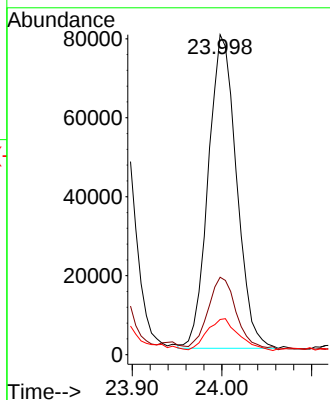
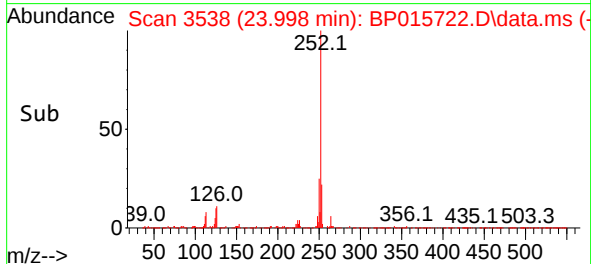
Instrument :
BNA_P
ClientSampleId :
DCFM6



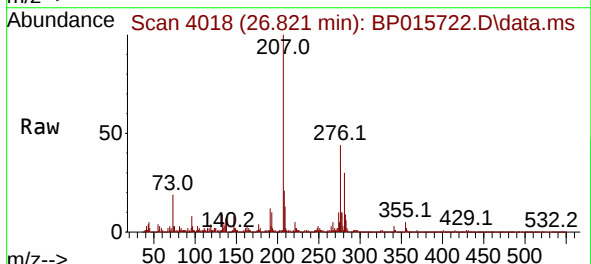
Tgt Ion:252 Resp: 173669
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 11.0 8.2 12.2

Manual Integrations
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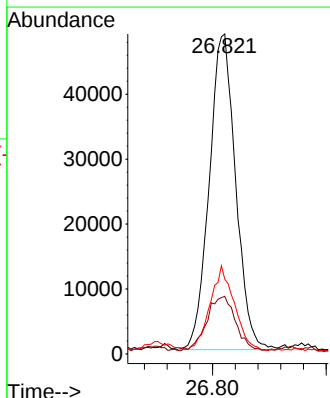
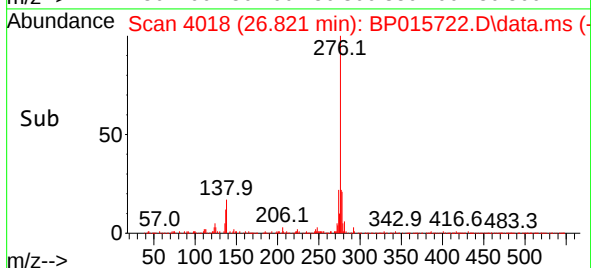
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

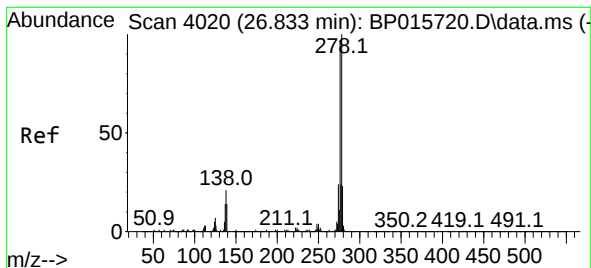


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.796 ng/ul
RT: 26.821 min Scan# 4018
Delta R.T. 0.006 min
Lab File: BP015722.D
Acq: 26 Jun 2023 19:35



Tgt Ion:276 Resp: 156839
Ion Ratio Lower Upper
276 100
138 18.0 15.7 23.5
277 23.4 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.252 ng/ul

RT: 26.816 min Scan# 4020

Delta R.T. -0.012 min

Lab File: BP015722.D

Acq: 26 Jun 2023 19:35

Instrument :

BNA_P

ClientSampleId :

DCFM6

Tgt Ion:278 Resp: 4248

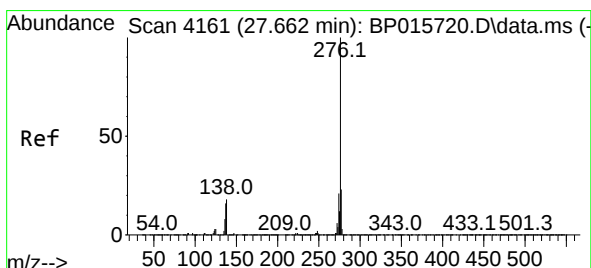
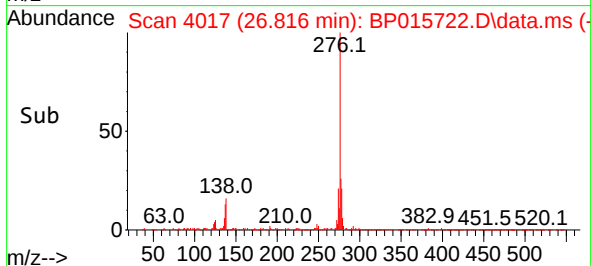
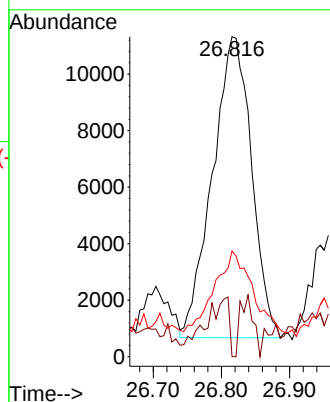
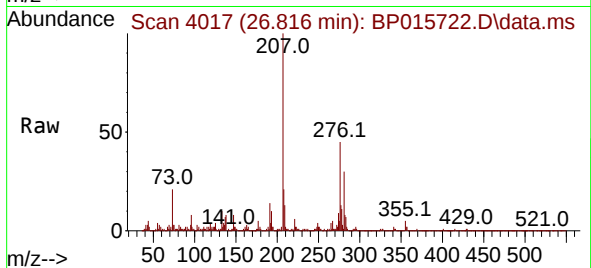
Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.5	15.7
279	33.0	18.4	27.6

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#96

Benzo(g,h,i)perylene

Concen: 4.417 ng/ul

RT: 27.657 min Scan# 4160

Delta R.T. 0.000 min

Lab File: BP015722.D

Acq: 26 Jun 2023 19:35

Tgt Ion:276 Resp: 150152

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.1	22.7
277	24.5	18.8	28.2

