

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015730.D
 Acq On : 27 Jun 2023 00:05
 Operator : MA/JU
 Sample : 03085-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ2

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 03:25:40 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	8.063	152	162636	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	577957	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	319353	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	679406	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	715019	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	896615	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	5491	1.215	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	60847	4.373	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.393	67	50011	5.809	ng/u1	0.00
11) 2-Chlorophenol-d4	7.599	132	57949	5.517	ng/u1	0.00
15) 4-Methylphenol-d8	8.822	113	10161m	0.924	ng/u1	0.04
21) Nitrobenzene-d5	9.263	128	27613	6.252	ng/u1	0.02
24) 2-Nitrophenol-d4	9.987	143	29540	5.730	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.581	165	38174m	4.155	ng/u1	0.06
31) 4-Chloroaniline-d4	11.110	131	22281m	1.888	ng/u1	0.07
46) Dimethylphthalate-d6	14.128	166	177090	7.174	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	192409	6.934	ng/u1	0.00
54) 4-Nitrophenol-d4	15.022	143	11916m	3.658	ng/u1	0.08
60) Fluorene-d10	15.716	176	145898	7.178	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	13227m	3.166	ng/u1	0.02
73) Anthracene-d10	17.580	188	212788	6.857	ng/u1	0.00
81) Pyrene-d10	19.804	212	300526	6.437	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	326091	7.210	ng/u1	0.00
Target Compounds					Qvalue	
80) Fluoranthene	19.480	202	140900	2.428	ng/u1	98
82) Pyrene	19.833	202	126763	2.142	ng/u1	96
85) Benzo(a)anthracene	21.545	228	90202	1.793	ng/u1	96
87) Chrysene	21.604	228	98685m	2.068	ng/u1	
90) Benzo(b)fluoranthene	23.327	252	188986	3.280	ng/u1#	96
93) Benzo(a)pyrene	23.998	252	110189	2.189	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.809	276	99109	1.450	ng/u1	98
96) Benzo(g,h,i)perylene	27.656	276	98115	1.745	ng/u1	96

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

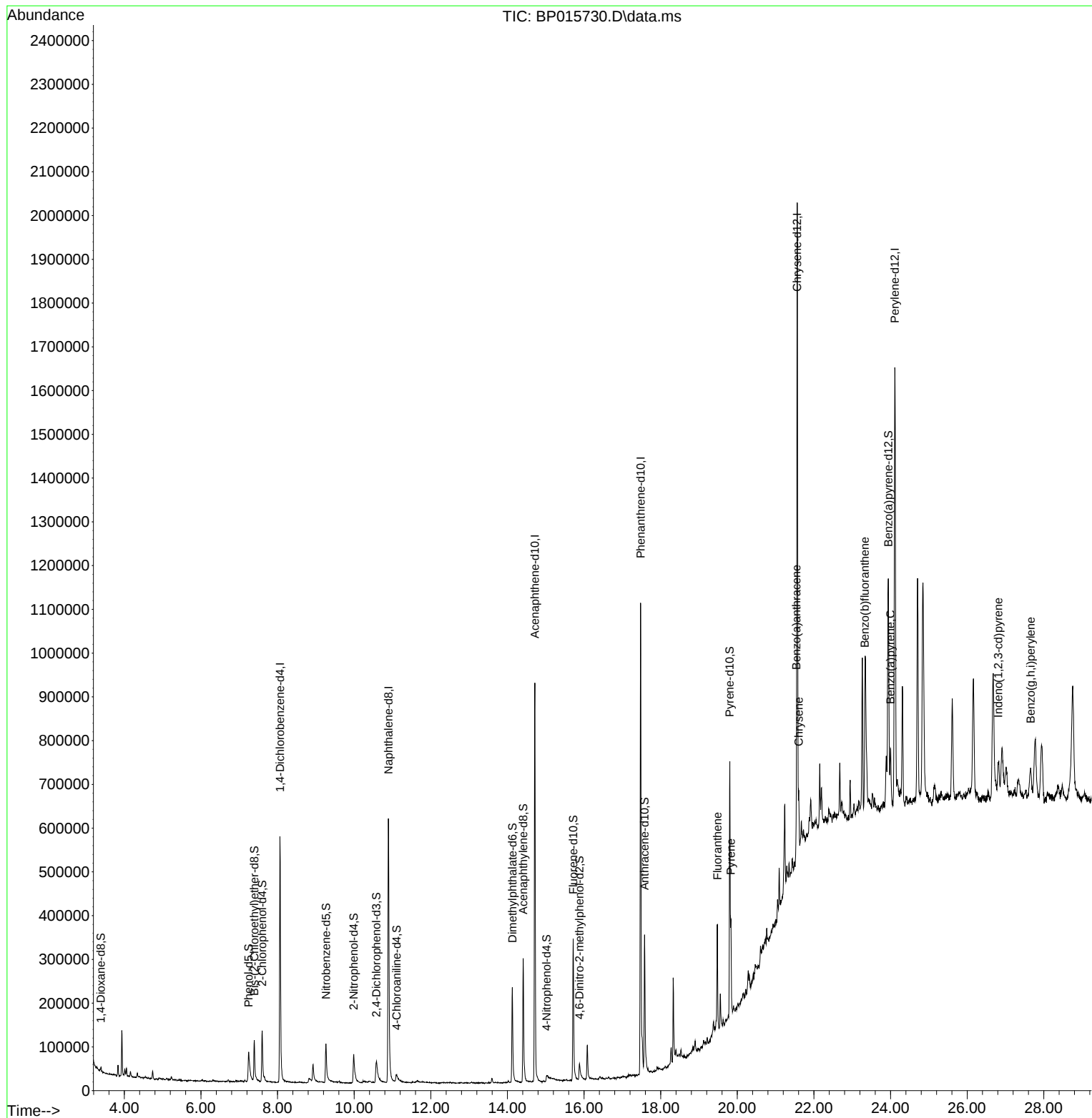
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015730.D
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ALS Vial : 20 Sample Multiplier: 1

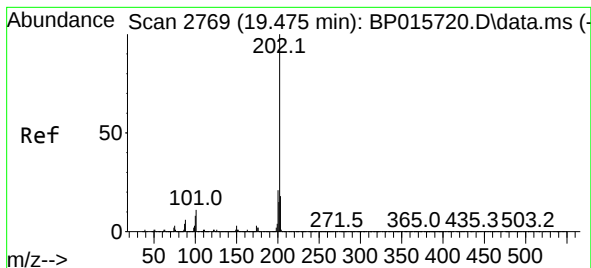
Instrument :
BNA_P
ClientSampleId :
DCFQ2

Quant Time: Jun 27 03:25:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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#80

Fluoranthene

Concen: 2.428 ng/ul

RT: 19.480 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015730.D

Acq: 27 Jun 2023 00:05

Instrument :

BNA_P

ClientSampleId :

DCFQ2

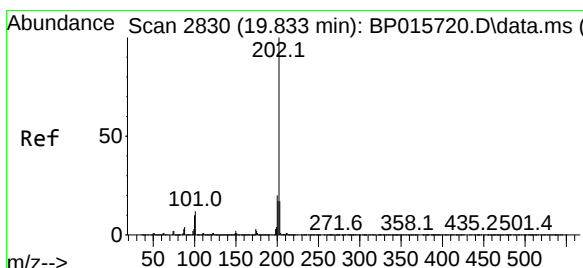
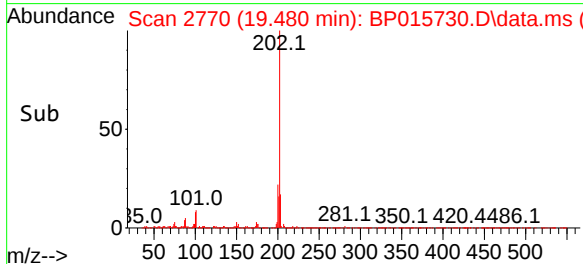
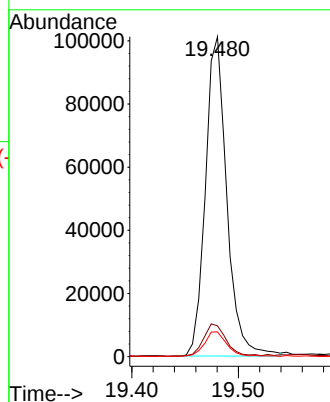
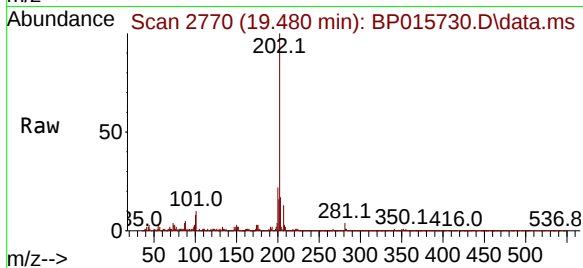
Tgt Ion:202 Resp: 140900
 Ion Ratio Lower Upper
 202 100
 101 9.7 8.3 12.5
 100 7.7 6.6 9.8

Manual Integrations

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#82

Pyrene

Concen: 2.142 ng/ul

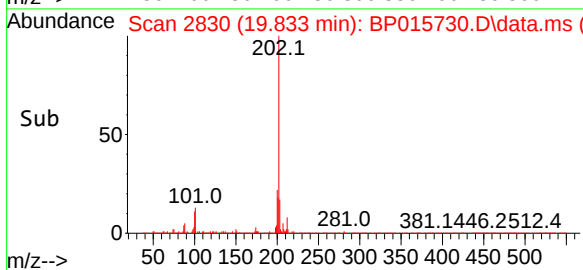
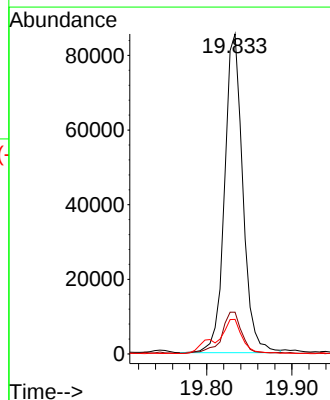
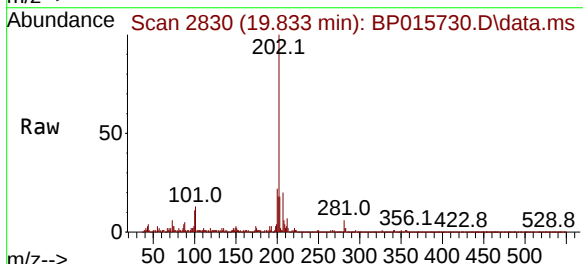
RT: 19.833 min Scan# 2830

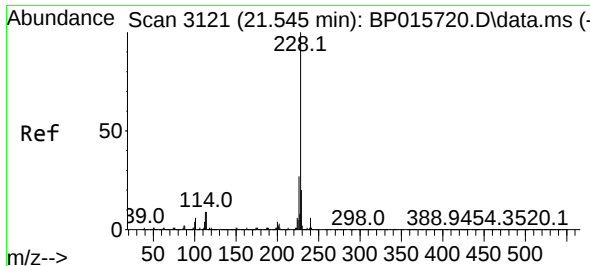
Delta R.T. -0.000 min

Lab File: BP015730.D

Acq: 27 Jun 2023 00:05

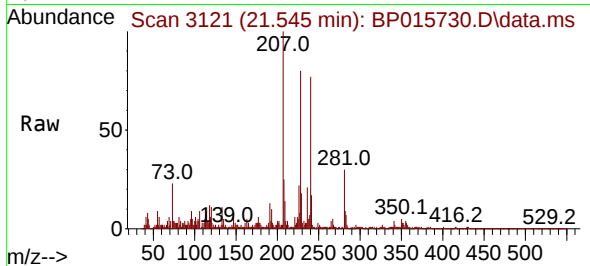
Tgt Ion:202 Resp: 126763
 Ion Ratio Lower Upper
 202 100
 101 13.1 9.3 13.9
 100 10.8 7.6 11.4





#85
Benzo(a)anthracene
Concen: 1.793 ng/ul
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP015730.D
Acq: 27 Jun 2023 00:05

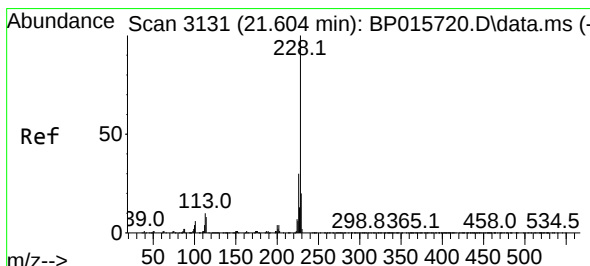
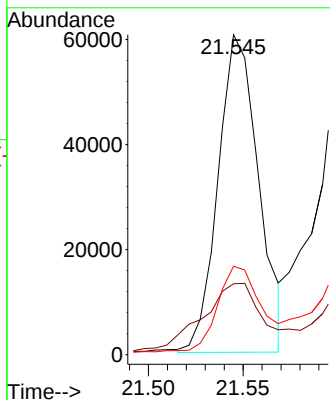
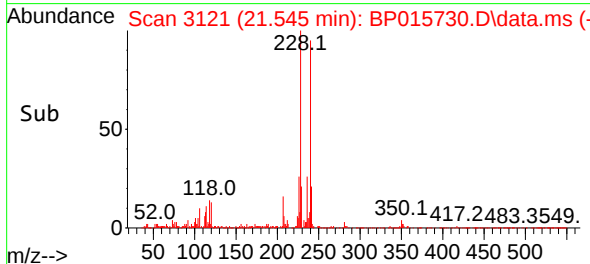
Instrument :
BNA_P
ClientSampleId :
DCFQ2



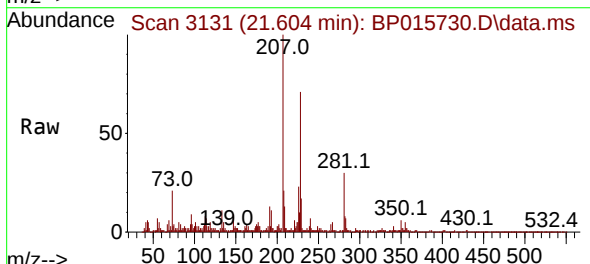
Tgt Ion:228 Resp: 9020
Ion Ratio Lower Upper
228 100
229 22.2 15.3 22.9
226 27.7 21.4 32.0

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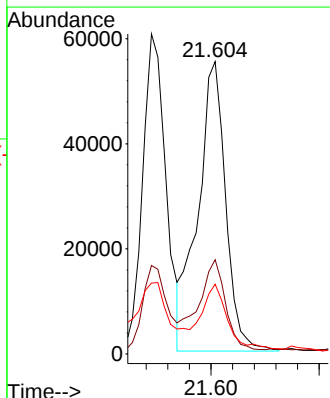
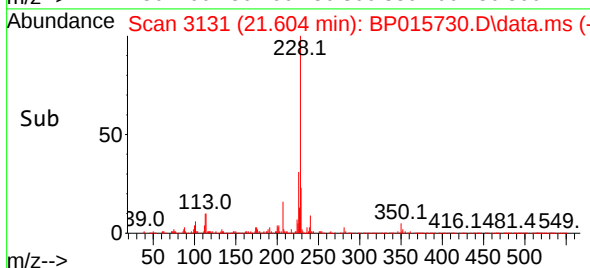
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

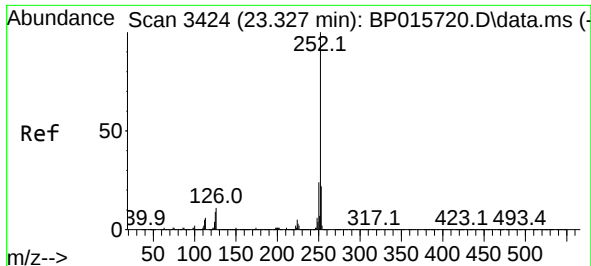


#87
Chrysene
Concen: 2.068 ng/ul m
RT: 21.604 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BP015730.D
Acq: 27 Jun 2023 00:05



Tgt Ion:228 Resp: 98685
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 23.9 15.5 23.3





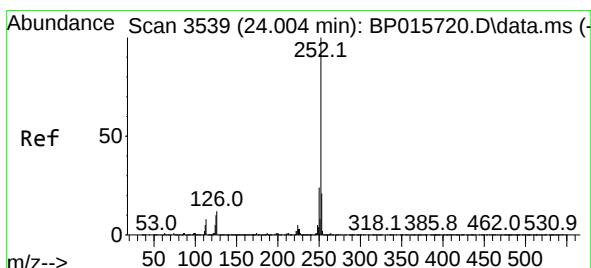
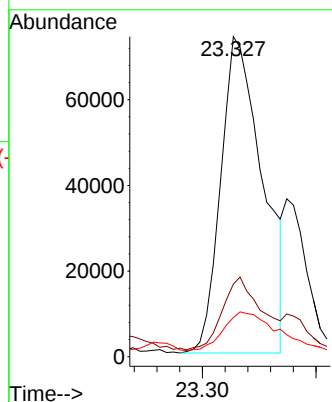
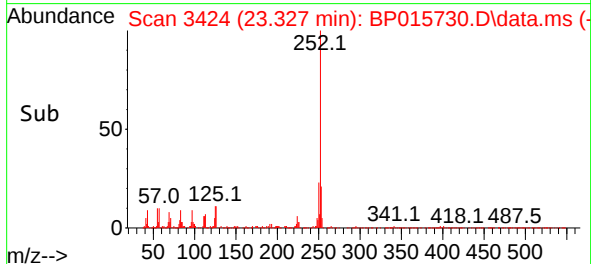
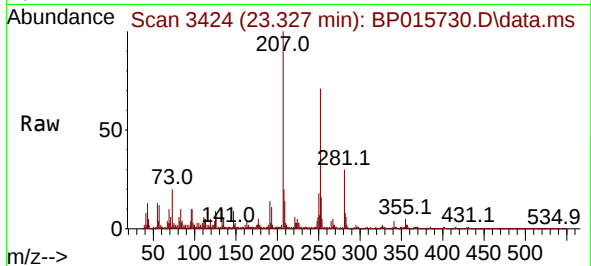
#90
Benzo(b)fluoranthene
Concen: 3.280 ng/u1
RT: 23.327 min Scan# 3424
Delta R.T. -0.000 min
Lab File: BP015730.D
Acq: 27 Jun 2023 00:05

Instrument :
BNA_P
ClientSampleId :
DCFQ2

Tgt Ion:252 Resp: 188980
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 12.2 7.5 11.3

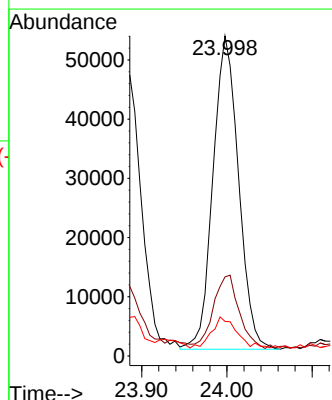
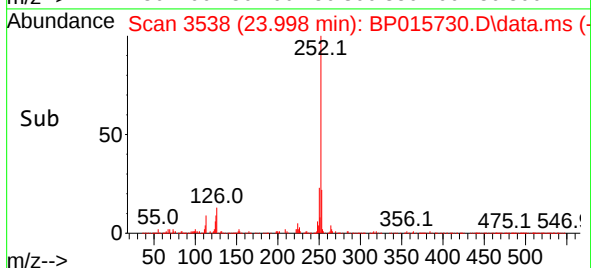
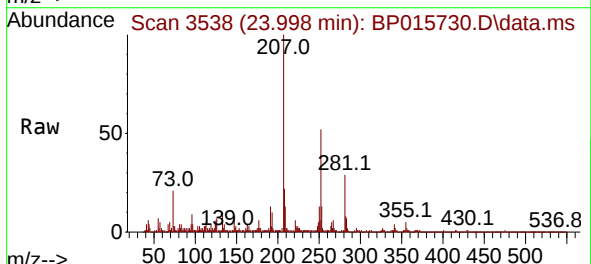
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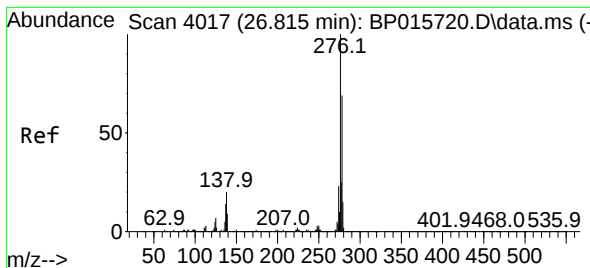
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#93
Benzo(a)pyrene
Concen: 2.189 ng/u1
RT: 23.998 min Scan# 3538
Delta R.T. -0.006 min
Lab File: BP015730.D
Acq: 27 Jun 2023 00:05

Tgt Ion:252 Resp: 110189
Ion Ratio Lower Upper
252 100
253 24.7 17.7 26.5
125 10.8 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.450 ng/ul

RT: 26.809 min Scan# 4017

Delta R.T. -0.006 min

Lab File: BP015730.D

Acq: 27 Jun 2023 00:05

Instrument :

BNA_P

ClientSampleId :

DCFQ2

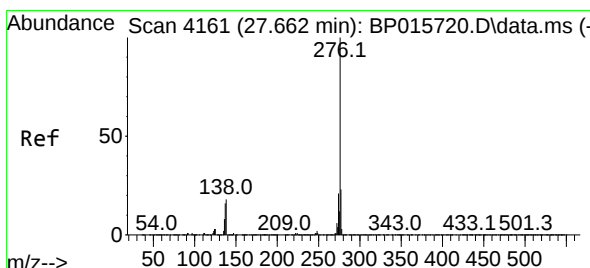
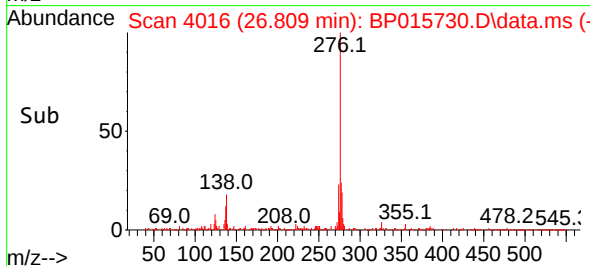
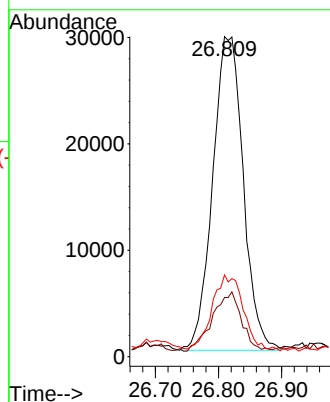
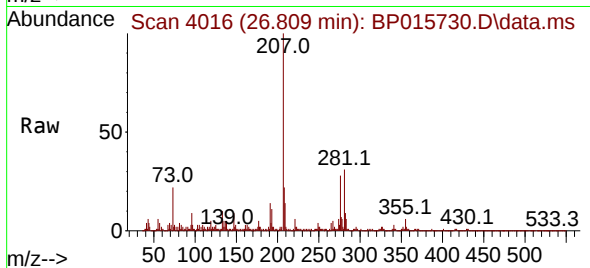
Tgt Ion:	276	Resp:	9910
Ion Ratio	Lower	Upper	
276	100		
138	18.5	15.7	23.5
277	25.6	19.6	29.4

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/27/2023



#96

Benzo(g,h,i)perylene

Concen: 1.745 ng/ul

RT: 27.656 min Scan# 4160

Delta R.T. -0.000 min

Lab File: BP015730.D

Acq: 27 Jun 2023 00:05

Tgt Ion:	276	Resp:	98115
Ion Ratio	Lower	Upper	
276	100		
138	20.8	15.1	22.7
277	25.0	18.8	28.2

