

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015748.D
 Acq On : 27 Jun 2023 15:47
 Operator : MA/JU
 Sample : 03085-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFP7

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 22:37:54 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	108409	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	395055	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	230854	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	526167	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	534874	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	637540	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	12491	4.145	ng/uL	0.00
4) Pyridine-d5	3.834	84	112327	14.789	ng/u1	0.00
7) Phenol-d5	7.234	99	202439	21.825	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	135170	23.554	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	169563	24.217	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	133453	18.212	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	78119	25.875	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	88014	24.978	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	142118	22.633	ng/u1	0.02
31) 4-Chloroaniline-d4	11.075	131	107227m	13.293	ng/u1	0.04
46) Dimethylphthalate-d6	14.122	166	487646	27.329	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	561462	27.992	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	57330	24.347	ng/u1	0.04
60) Fluorene-d10	15.710	176	421165	28.666	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	63065m	19.489	ng/u1	0.01
73) Anthracene-d10	17.575	188	612685	25.492	ng/u1	0.00
81) Pyrene-d10	19.798	212	846015	24.223	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	897540	27.908	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.516	178	50870	1.780	ng/u1	98
80) Fluoranthene	19.475	202	163823	3.774	ng/u1	97
82) Pyrene	19.828	202	145660	3.290	ng/u1	97
85) Benzo(a)anthracene	21.545	228	112691	2.995	ng/u1	96
87) Chrysene	21.604	228	126071	3.532	ng/u1	98
90) Benzo(b)fluoranthene	23.327	252	223324	5.452	ng/u1#	91
91) Benzo(k)fluoranthene	23.374	252	53910m	1.303	ng/u1	
93) Benzo(a)pyrene	23.998	252	132883	3.712	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.821	276	111124	2.287	ng/u1	99
96) Benzo(g,h,i)perylene	27.657	276	105384	2.636	ng/u1#	90

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

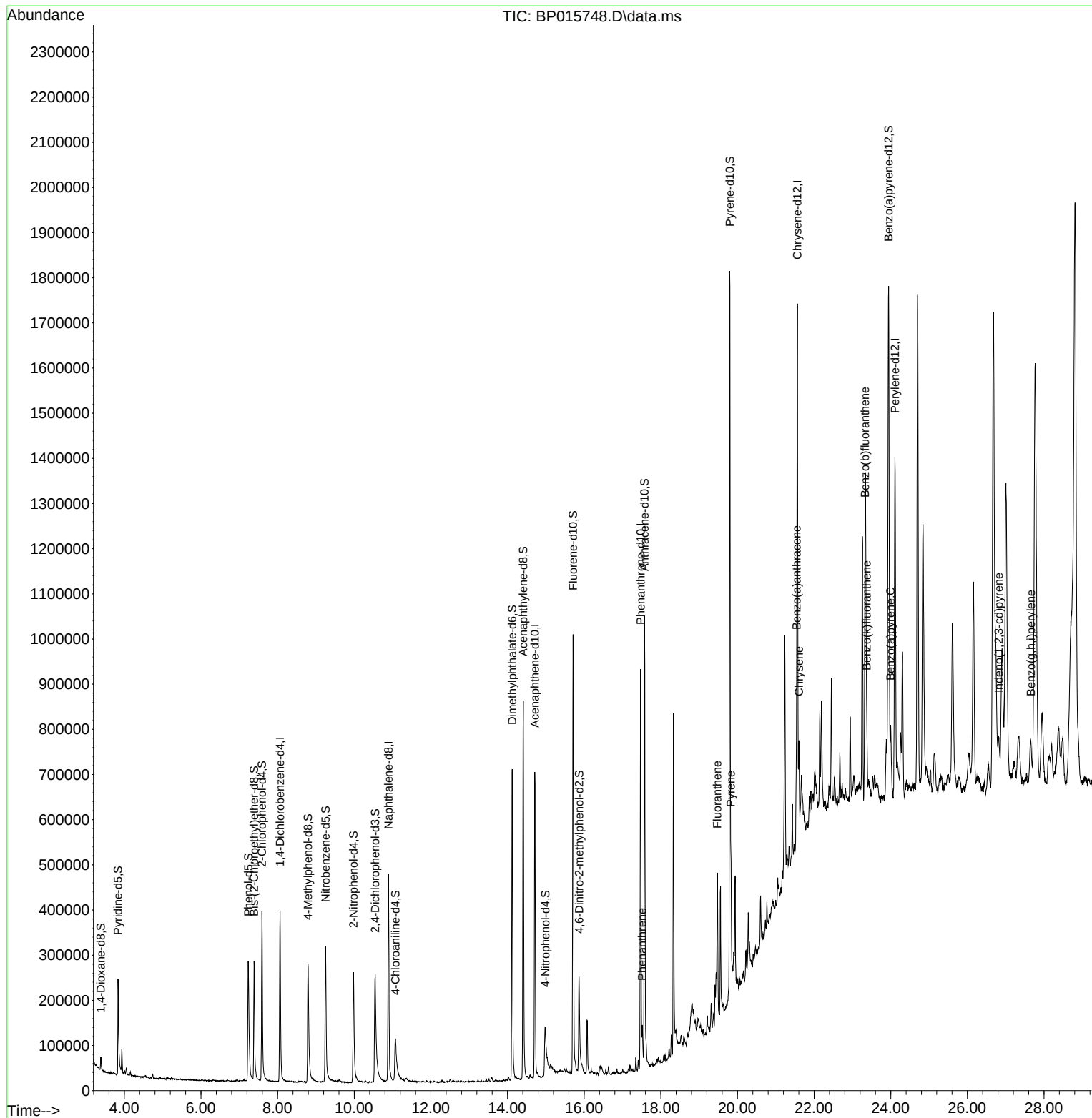
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015748.D
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ALS Vial : 13 Sample Multiplier: 1

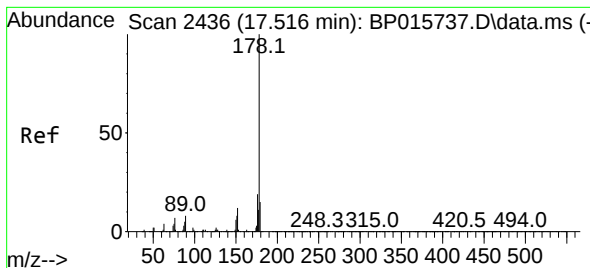
Instrument :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.780 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

Instrument :

BNA_P

ClientSampleId :

DCFP7

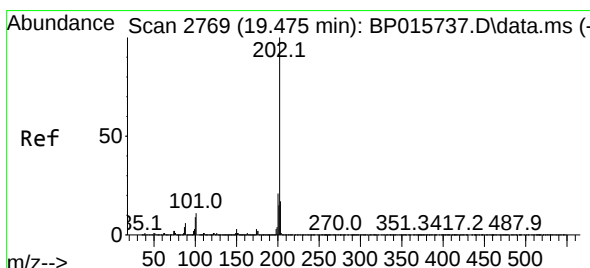
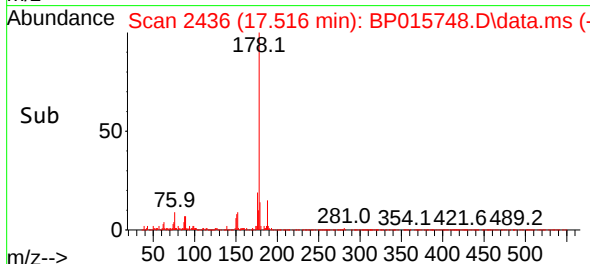
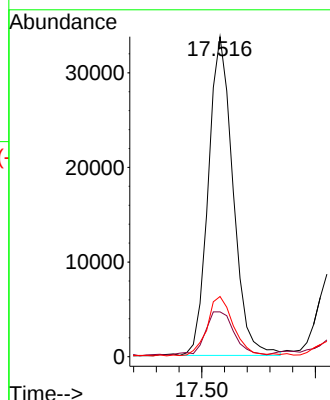
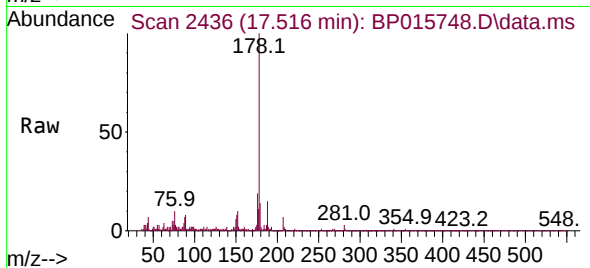
Tgt Ion:178	Resp:	50870
Ion Ratio	Lower	Upper
178	100	
179	14.0	12.4 18.6
176	18.8	15.6 23.4

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#80

Fluoranthene

Concen: 3.774 ng/ul

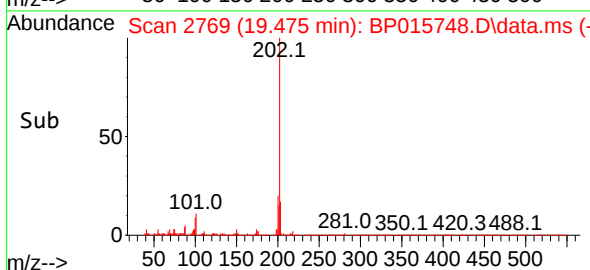
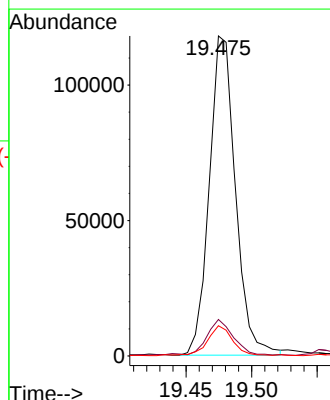
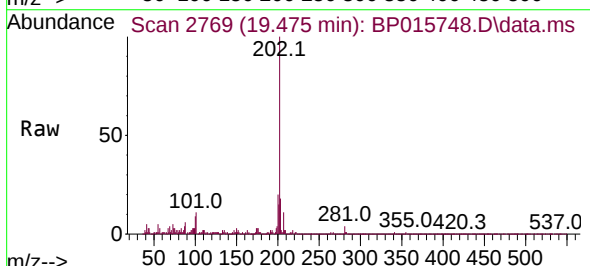
RT: 19.475 min Scan# 2769

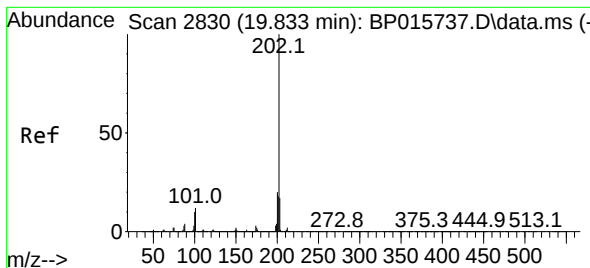
Delta R.T. 0.000 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

Tgt Ion:202	Resp:	163823
Ion Ratio	Lower	Upper
202	100	
101	11.4	8.3 12.5
100	9.5	6.6 9.8





#82

Pyrene

Concen: 3.290 ng/ul

RT: 19.828 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

Instrument :

BNA_P

ClientSampleId :

DCFP7

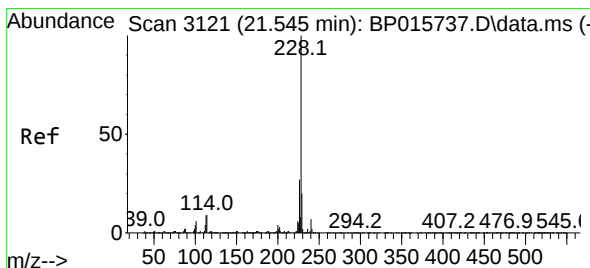
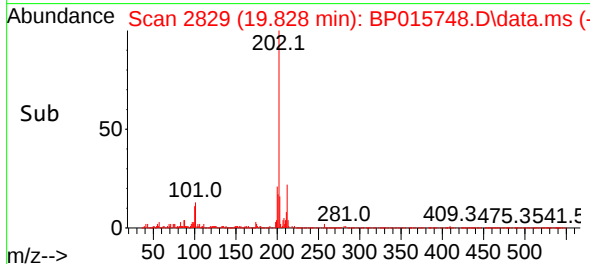
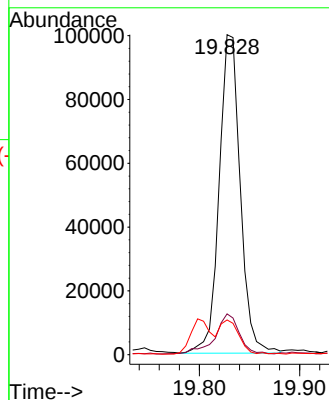
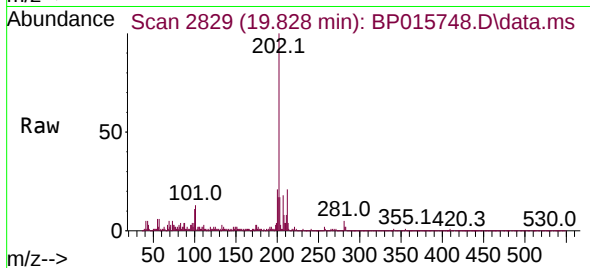
Tgt Ion:	202	Resp:	145660
Ion Ratio	Lower	Upper	
202	100		
101	12.8	9.3	13.9
100	10.9	7.6	11.4

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Supervised By :mohammad ahmed 06/27/2023



#85

Benzo(a)anthracene

Concen: 2.995 ng/ul

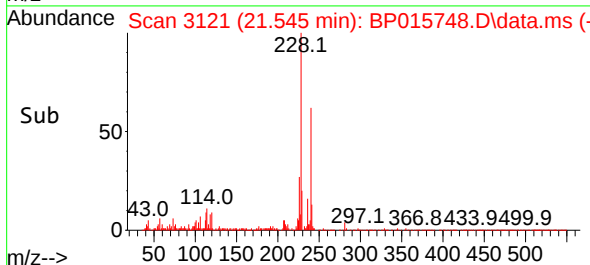
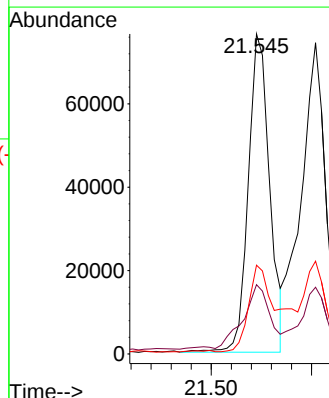
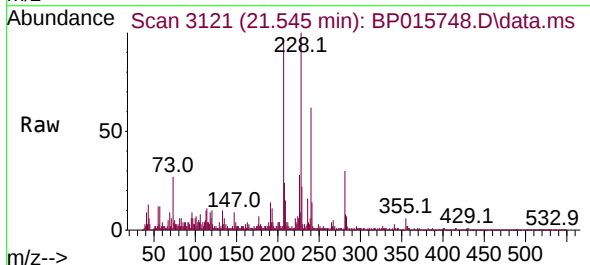
RT: 21.545 min Scan# 3121

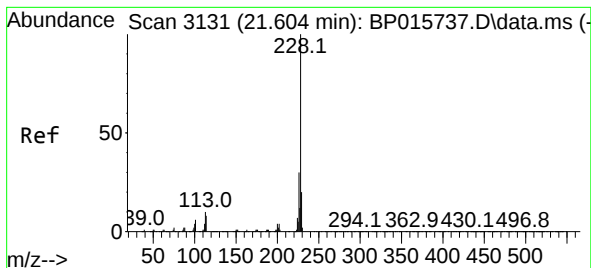
Delta R.T. 0.000 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

Tgt Ion:	228	Resp:	112691
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.3	22.9
226	27.8	21.4	32.0





#87

Chrysene

Concen: 3.532 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

Instrument :

BNA_P

ClientSampleId :

DCFP7

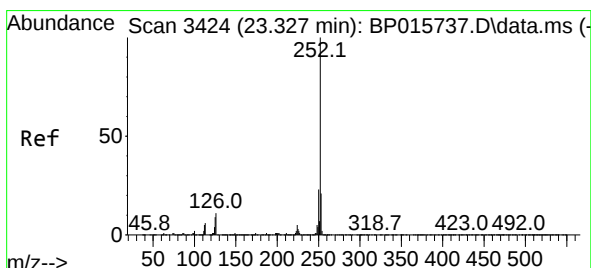
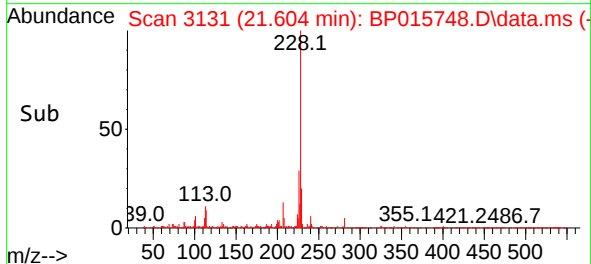
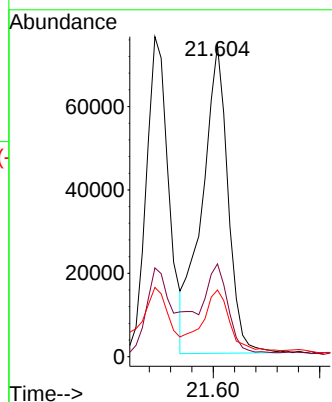
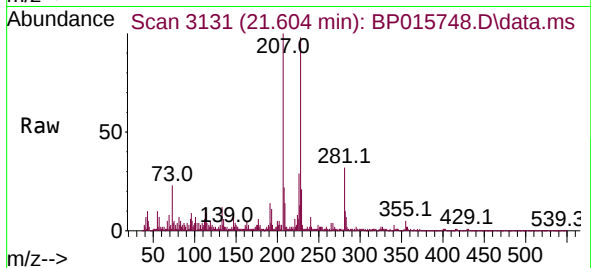
Tgt Ion:	228	Resp:	12607
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.3	36.5
229	21.5	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#90

Benzo(b)fluoranthene

Concen: 5.452 ng/ul

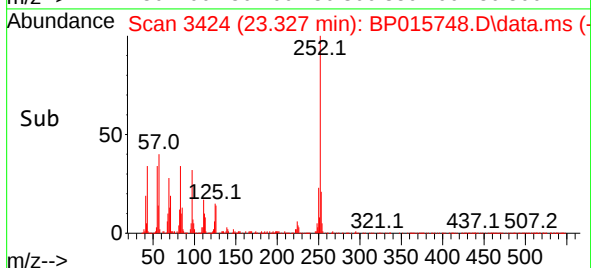
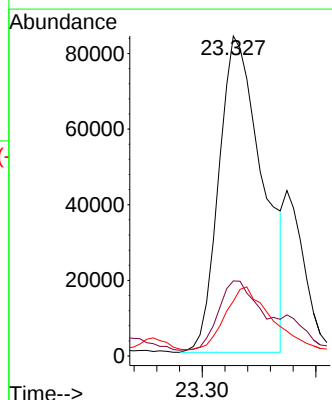
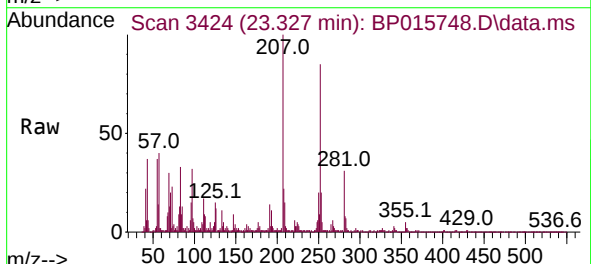
RT: 23.327 min Scan# 3424

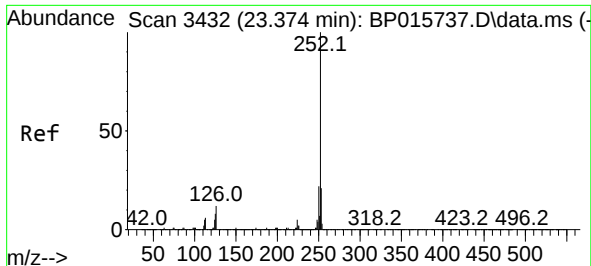
Delta R.T. 0.000 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

Tgt Ion:	252	Resp:	223324
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.3	25.9
125	17.1	7.5	11.3





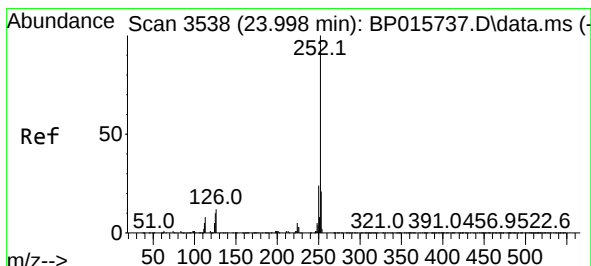
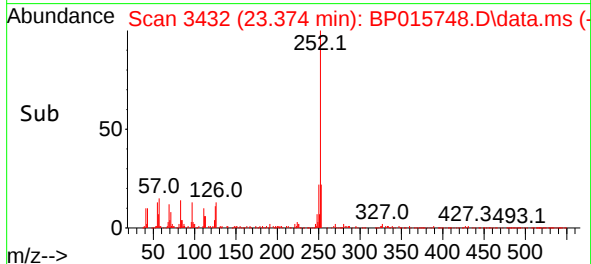
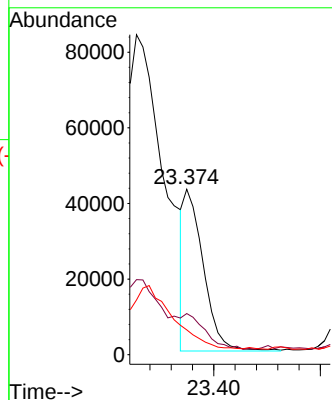
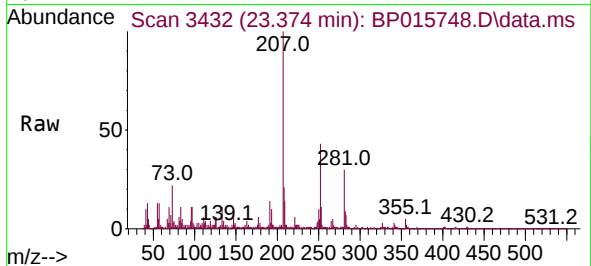
#91
Benzo(k)fluoranthene
Concen: 1.303 ng/ul m
RT: 23.374 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015748.D
Acq: 27 Jun 2023 15:47

Instrument :
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Tgt Ion:252 Resp: 53910
Ion Ratio Lower Upper
252 100
253 24.9 17.0 25.4
125 14.9 7.3 10.9

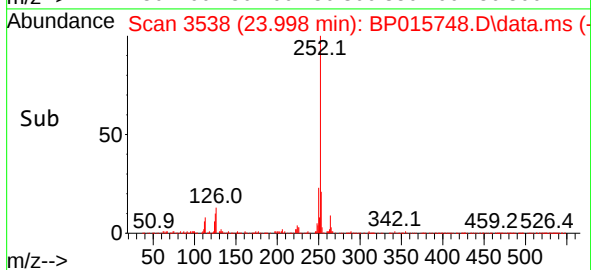
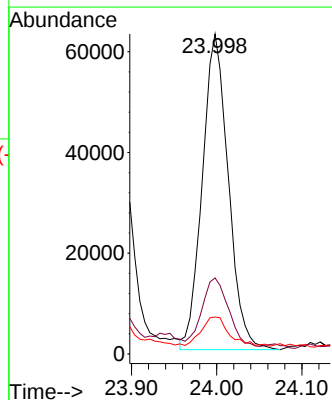
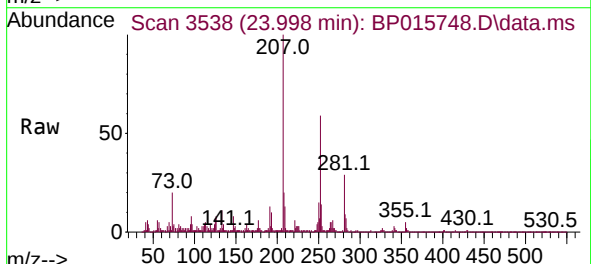
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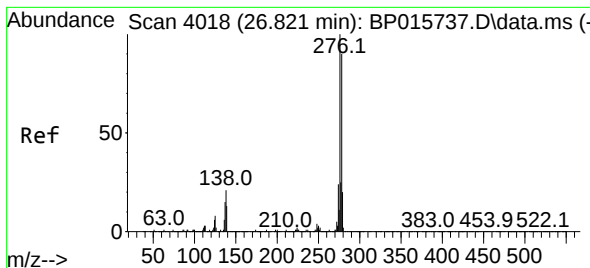
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#93
Benzo(a)pyrene
Concen: 3.712 ng/ul
RT: 23.998 min Scan# 3538
Delta R.T. -0.006 min
Lab File: BP015748.D
Acq: 27 Jun 2023 15:47

Tgt Ion:252 Resp: 132883
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 11.5 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.287 ng/ul

RT: 26.821 min Scan# 4018

Delta R.T. 0.006 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

Instrument :

BNA_P

ClientSampleId :

DCFP7

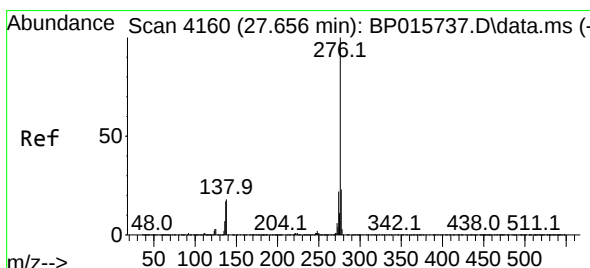
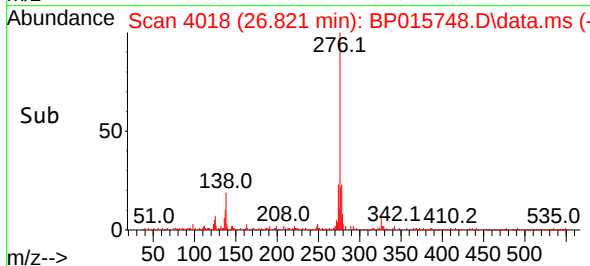
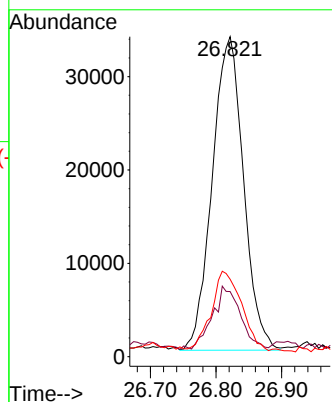
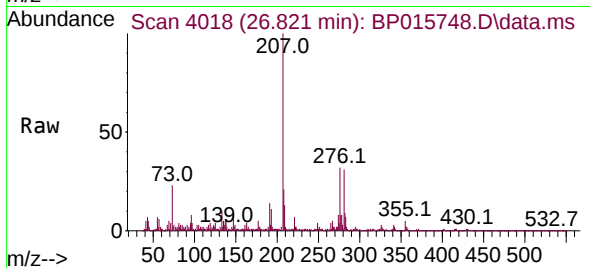
Tgt Ion:	276	Resp:	111124
Ion Ratio	Lower	Upper	
276	100		
138	20.3	15.7	23.5
277	24.2	19.6	29.4

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/27/2023



#96

Benzo(g,h,i)perylene

Concen: 2.636 ng/ul

RT: 27.657 min Scan# 4160

Delta R.T. 0.000 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

Tgt Ion:	276	Resp:	105384
Ion Ratio	Lower	Upper	
276	100		
138	22.5	15.1	22.7
277	29.5	18.8	28.2

