

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015649.D
 Acq On : 22 Jun 2023 16:13
 Operator : MA/JU
 Sample : 03083-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL3

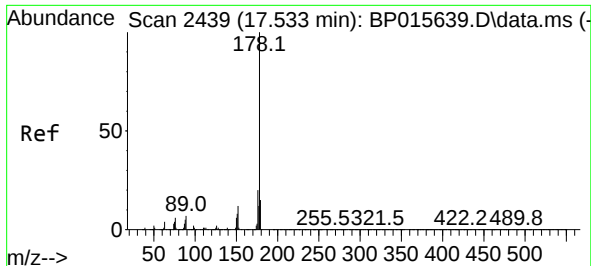
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 22 22:55:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

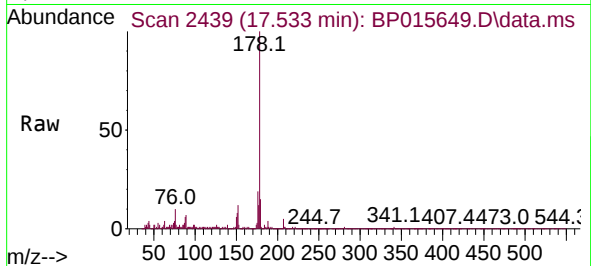
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	142667	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	603164	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	366505	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	676772	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	450800	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	580998	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	13987	3.630	ng/uL	0.00
4) Pyridine-d5	3.846	84	112573	11.249	ng/u1	0.00
7) Phenol-d5	7.240	99	268244	20.409	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	174113	22.181	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	219740	23.059	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	196665	18.232	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	112397	23.735	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	126934	23.472	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	217739	22.072	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	177081	12.506	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	719409	24.892	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	800838	25.341	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	73542m	14.209	ng/u1	0.02
60) Fluorene-d10	15.722	176	581339	23.853	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	73085	17.046	ng/u1	0.00
73) Anthracene-d10	17.586	188	738247	23.975	ng/u1	0.00
81) Pyrene-d10	19.816	212	740806	30.704	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	761683	26.128	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.533	178	77068	2.122	ng/u1	99
80) Fluoranthene	19.492	202	155833	5.302	ng/u1	97
82) Pyrene	19.845	202	123900	4.075	ng/u1	96
85) Benzo(a)anthracene	21.557	228	68064	2.160	ng/u1	95
87) Chrysene	21.616	228	79985m	2.685	ng/u1	
90) Benzo(b)fluoranthene	23.345	252	128981	3.439	ng/u1#	91
91) Benzo(k)fluoranthene	23.392	252	38974	1.075	ng/u1#	83
93) Benzo(a)pyrene	24.015	252	77789	2.379	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	26.833	276	69800	1.649	ng/u1#	92
96) Benzo(g,h,i)perylene	27.668	276	68341	1.960	ng/u1#	94

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



#72
Phenanthrene
Concen: 2.122 ng/ul
RT: 17.533 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015649.D
Acq: 22 Jun 2023 16:13

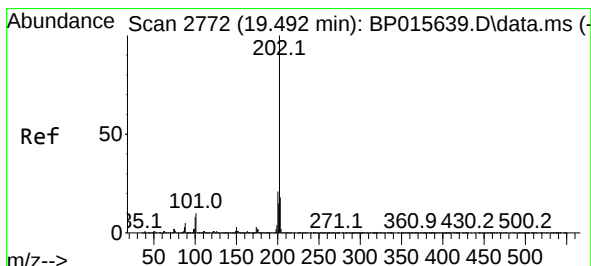
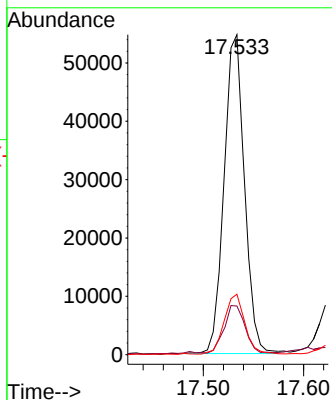
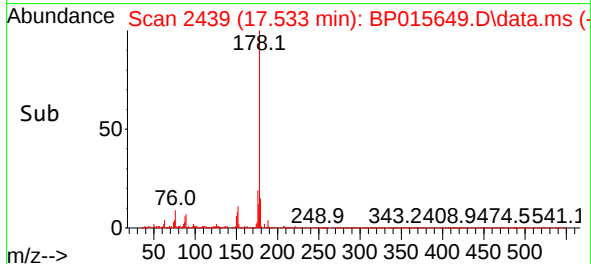
Instrument :
BNA_P
ClientSampleId :
DCFL3



Tgt Ion:178 Resp: 77068
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 18.9 15.4 23.0

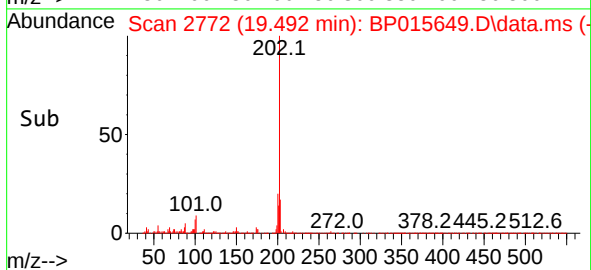
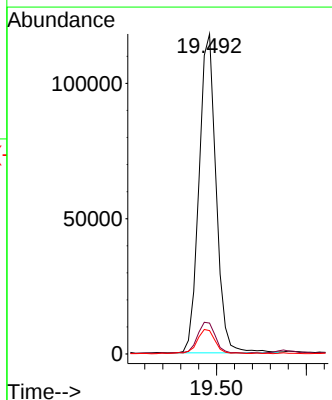
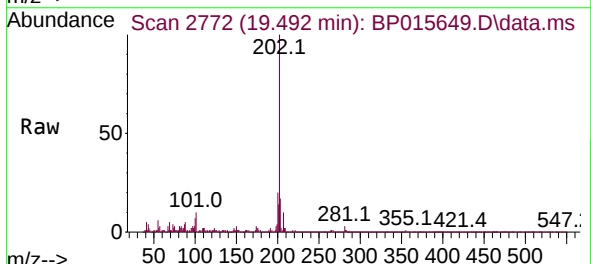
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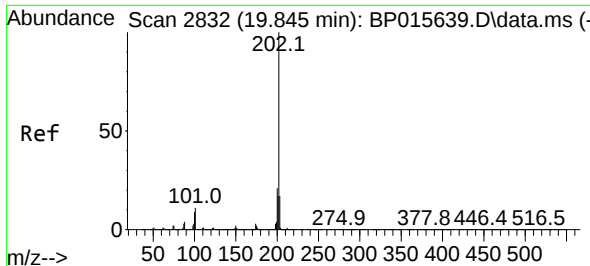
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#80
Fluoranthene
Concen: 5.302 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015649.D
Acq: 22 Jun 2023 16:13

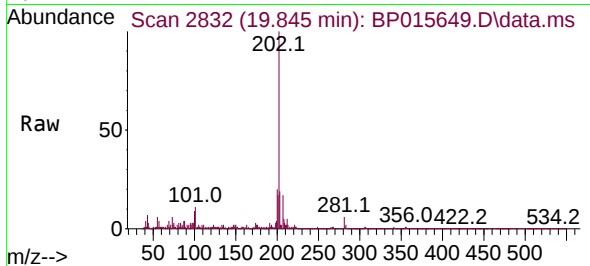
Tgt Ion:202 Resp: 155833
Ion Ratio Lower Upper
202 100
101 9.6 8.6 13.0
100 7.3 6.6 9.8





#82
 Pyrene
 Concen: 4.075 ng/ul
 RT: 19.845 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP015649.D
 Acq: 22 Jun 2023 16:13

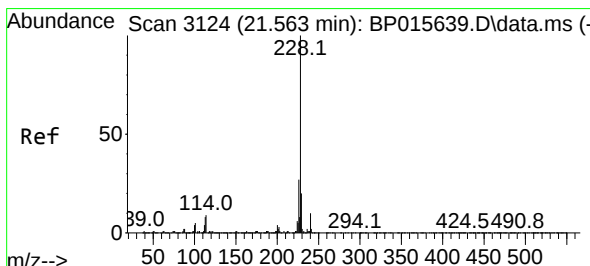
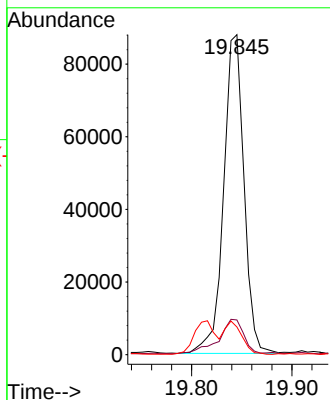
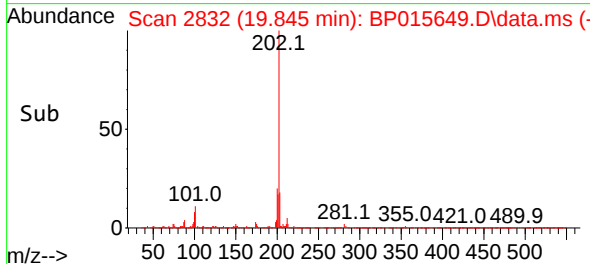
Instrument :
 BNA_P
 ClientSampleId :
 DCFL3



Tgt Ion:202 Resp: 123900
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.9 14.9
 100 8.7 8.4 12.6

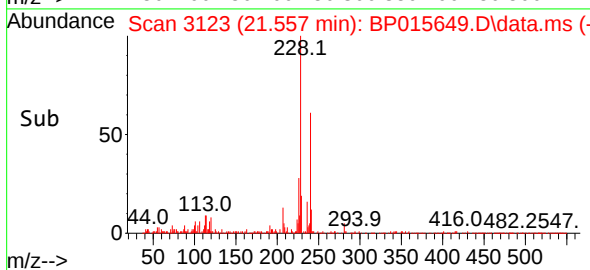
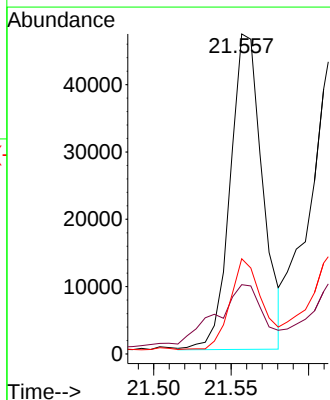
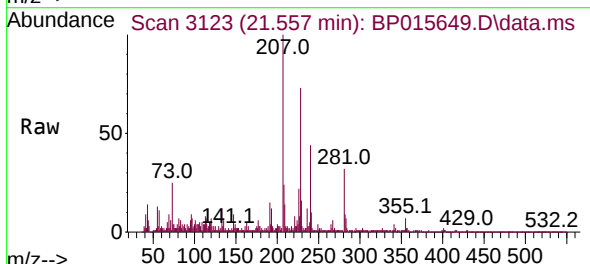
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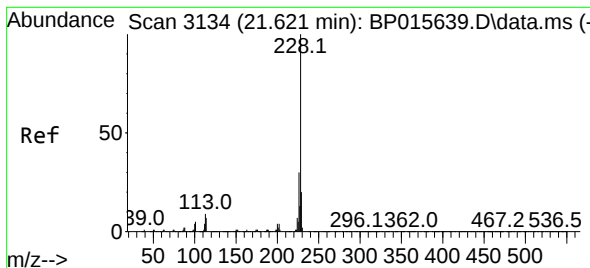
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#85
 Benzo(a)anthracene
 Concen: 2.160 ng/ul
 RT: 21.557 min Scan# 3123
 Delta R.T. -0.006 min
 Lab File: BP015649.D
 Acq: 22 Jun 2023 16:13

Tgt Ion:228 Resp: 68064
 Ion Ratio Lower Upper
 228 100
 229 21.6 15.8 23.6
 226 29.8 21.8 32.6





#87

Chrysene

Concen: 2.685 ng/ul m

RT: 21.616 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP015649.D

Acq: 22 Jun 2023 16:13

Instrument :

BNA_P

ClientSampleId :

DCFL3

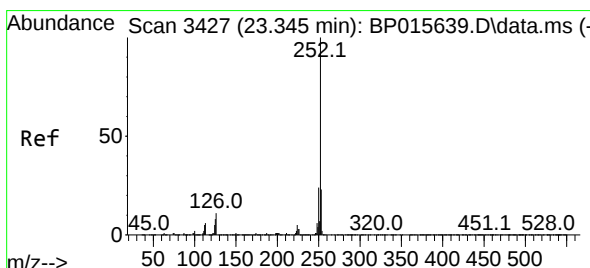
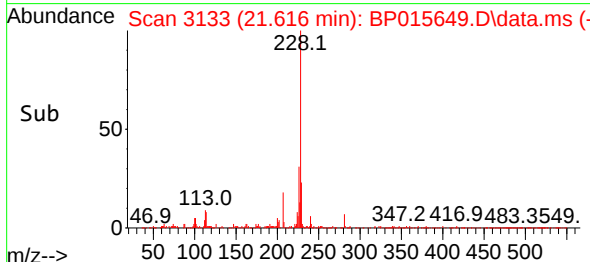
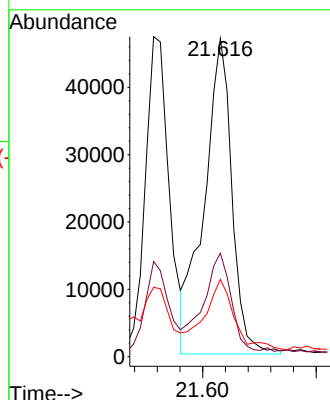
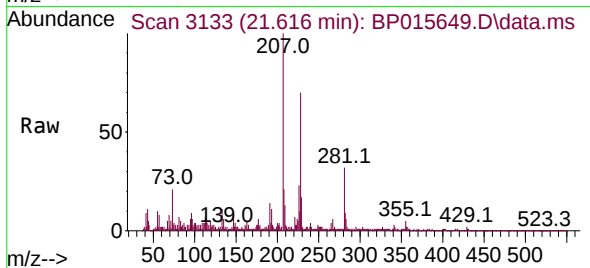
Tgt Ion:	228	Resp:	7998
Ion Ratio	Lower	Upper	
228	100		
226	32.5	23.9	35.9
229	24.3	15.1	22.7

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#90

Benzo(b)fluoranthene

Concen: 3.439 ng/ul

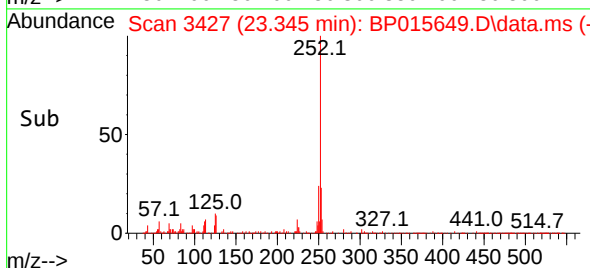
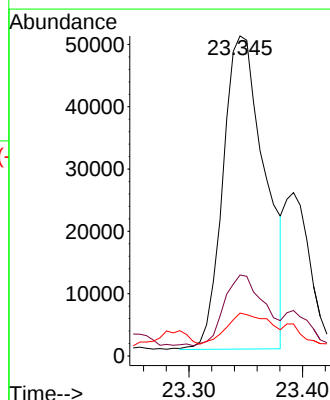
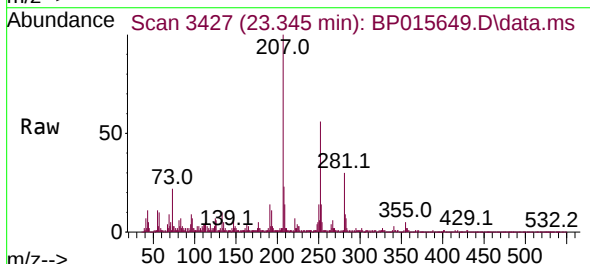
RT: 23.345 min Scan# 3427

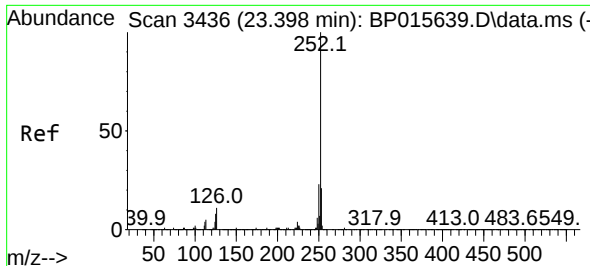
Delta R.T. 0.000 min

Lab File: BP015649.D

Acq: 22 Jun 2023 16:13

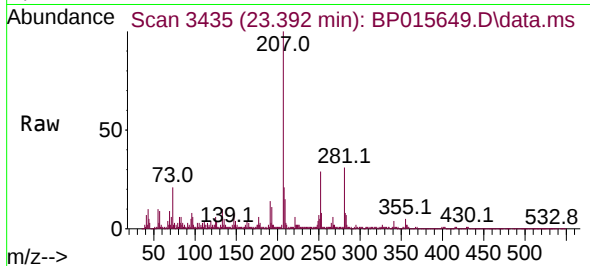
Tgt Ion:	252	Resp:	128981
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.4	26.2
125	13.4	7.3	10.9





#91
Benzo(k)fluoranthene
Concen: 1.075 ng/ul
RT: 23.392 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BP015649.D
Acq: 22 Jun 2023 16:13

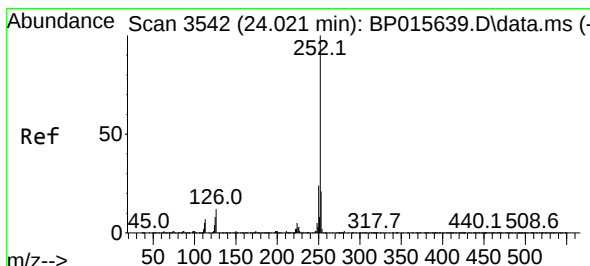
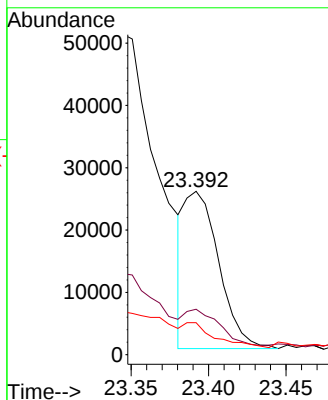
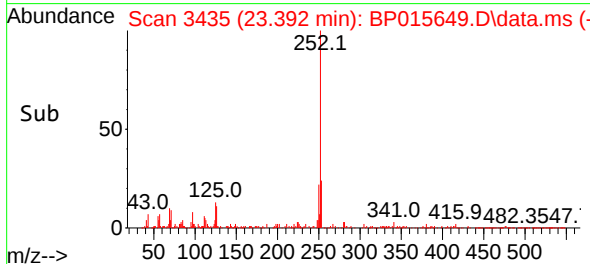
Instrument :
BNA_P
ClientSampleId :
DCFL3



Tgt Ion:252 Resp: 38974
Ion Ratio Lower Upper
252 100
253 27.8 17.7 26.5#
125 19.6 7.3 10.9#

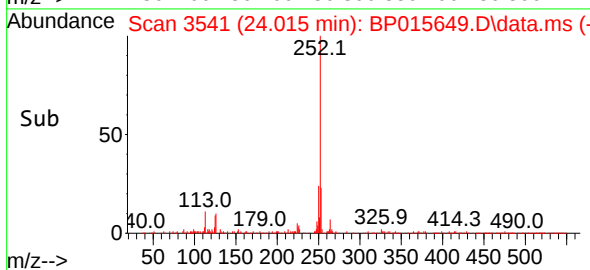
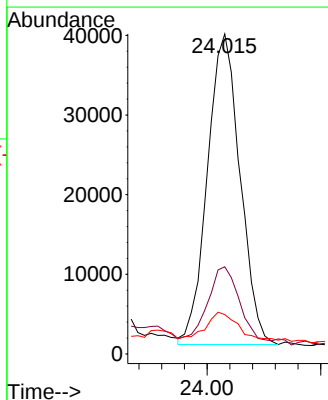
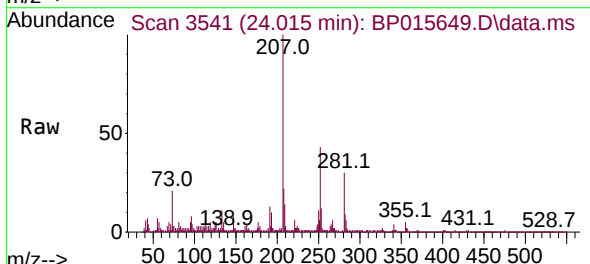
Manual Integrations
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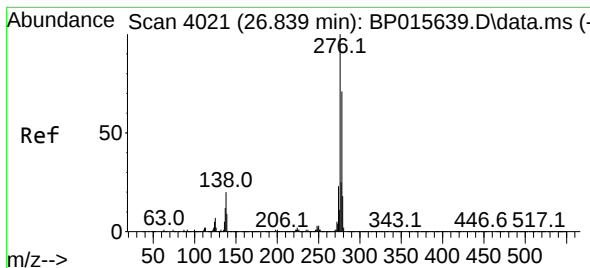
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#93
Benzo(a)pyrene
Concen: 2.379 ng/ul
RT: 24.015 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BP015649.D
Acq: 22 Jun 2023 16:13

Tgt Ion:252 Resp: 77789
Ion Ratio Lower Upper
252 100
253 27.2 17.8 26.6#
125 12.3 8.1 12.1#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.649 ng/ul

RT: 26.833 min Scan# 4021

Delta R.T. -0.006 min

Lab File: BP015649.D

Acq: 22 Jun 2023 16:13

Instrument :

BNA_P

ClientSampleId :

DCFL3

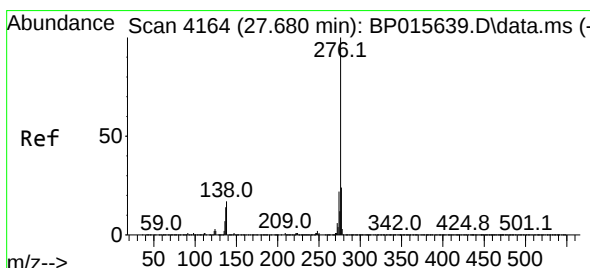
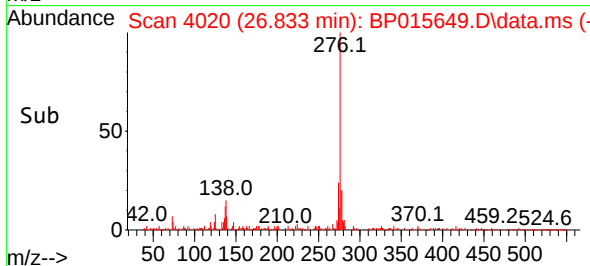
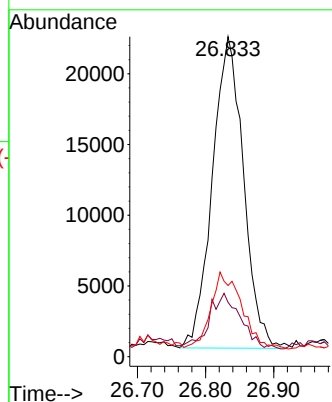
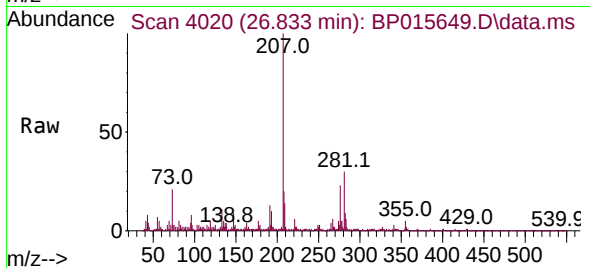
Tgt Ion:	276	Resp:	69800
Ion Ratio	Lower	Upper	
276	100		
138	17.0	17.3	25.9
277	22.2	20.2	30.2

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/23/2023



#96

Benzo(g,h,i)perylene

Concen: 1.960 ng/ul

RT: 27.668 min Scan# 4162

Delta R.T. -0.012 min

Lab File: BP015649.D

Acq: 22 Jun 2023 16:13

Tgt Ion:	276	Resp:	68341
Ion Ratio	Lower	Upper	
276	100		
138	20.5	15.6	23.4
277	28.6	19.0	28.6

