

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015647.D
 Acq On : 22 Jun 2023 15:05
 Operator : MA/JU
 Sample : 03083-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK7

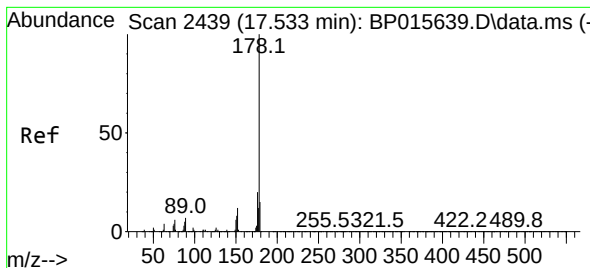
Manual Integrations
 APPROVED

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

Quant Time: Jun 22 22:47:42 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

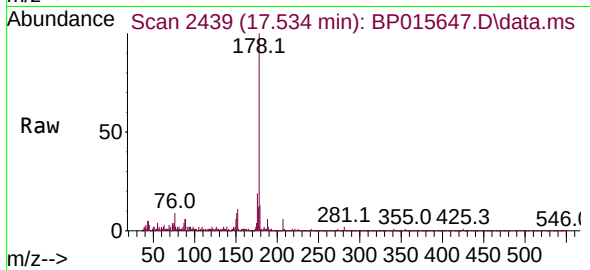
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	129191	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	535397	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	293967	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	515826	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	457396	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	595007	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	10164	2.913	ng/uL	0.00
4) Pyridine-d5	3.846	84	72220	7.969	ng/u1	0.00
7) Phenol-d5	7.240	99	192392	16.165	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	123831	17.421	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	159955	18.537	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	151368	15.496	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	78212	18.607	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	84802	17.666	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	145259	16.589	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	125269	9.967	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	458961	19.799	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	514581	20.301	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	35537m	8.561	ng/u1	0.02
60) Fluorene-d10	15.722	176	356435	18.234	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	39013m	11.939	ng/u1	0.00
73) Anthracene-d10	17.586	188	459934	19.597	ng/u1	0.00
81) Pyrene-d10	19.816	212	532339	21.745	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	617735	20.691	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.534	178	50798	1.835	ng/u1	97
80) Fluoranthene	19.492	202	115769	3.882	ng/u1	98
82) Pyrene	19.845	202	98057	3.178	ng/u1	97
85) Benzo(a)anthracene	21.563	228	66130	2.068	ng/u1#	95
87) Chrysene	21.616	228	78236	2.589	ng/u1#	95
90) Benzo(b)fluoranthene	23.345	252	122442	3.188	ng/u1	97
91) Benzo(k)fluoranthene	23.392	252	40331m	1.086	ng/u1	
93) Benzo(a)pyrene	24.016	252	78142	2.334	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.833	276	70938	1.637	ng/u1	93
96) Benzo(g,h,i)perylene	27.668	276	85021	2.381	ng/u1	98

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



#72
Phenanthrene
Concen: 1.835 ng/ul
RT: 17.534 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015647.D
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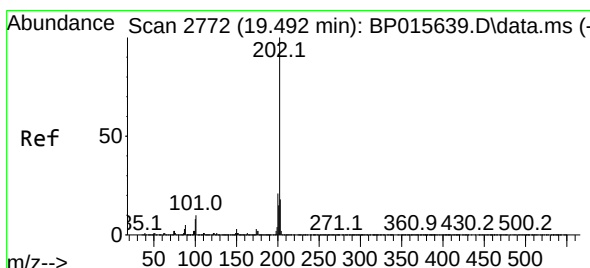
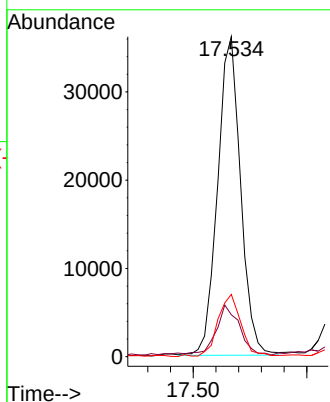
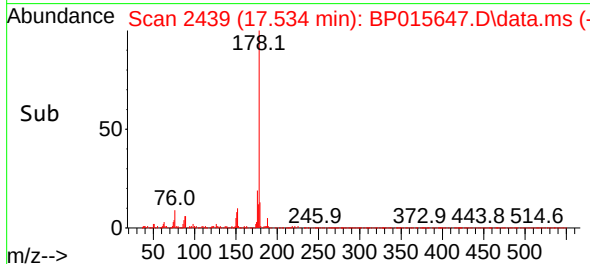
Instrument :
BNA_P
ClientSampleId :
DCFK7



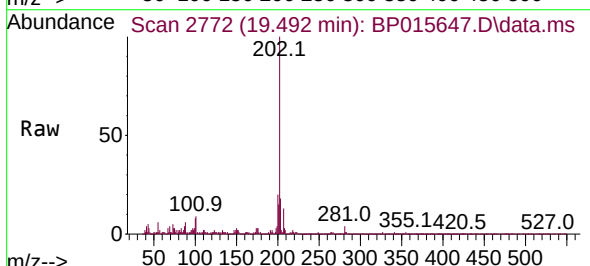
Tgt Ion:178 Resp: 50798
Ion Ratio Lower Upper
178 100
179 13.1 12.3 18.5
176 19.4 15.4 23.0

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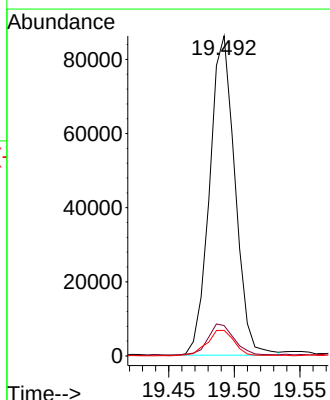
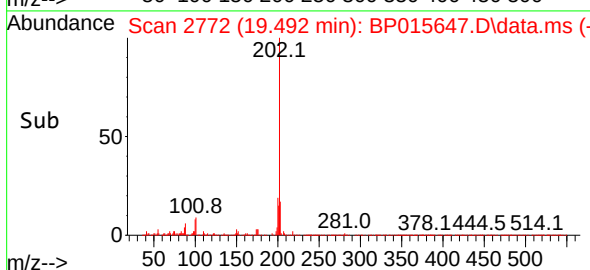
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

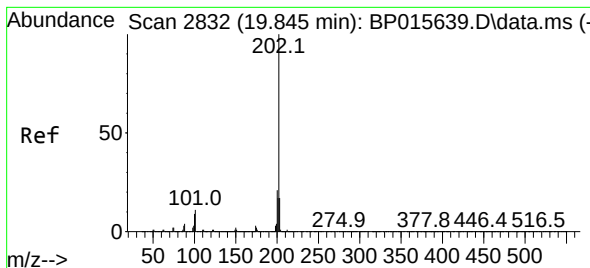


#80
Fluoranthene
Concen: 3.882 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015647.D
Acq: 22 Jun 2023 15:05



Tgt Ion:202 Resp: 115769
Ion Ratio Lower Upper
202 100
101 9.5 8.6 13.0
100 8.0 6.6 9.8





#82

Pyrene

Concen: 3.178 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015647.D

Acq: 22 Jun 2023 15:05

Instrument :

BNA_P

ClientSampleId :

DCFK7

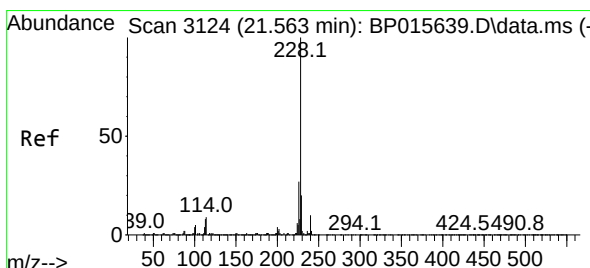
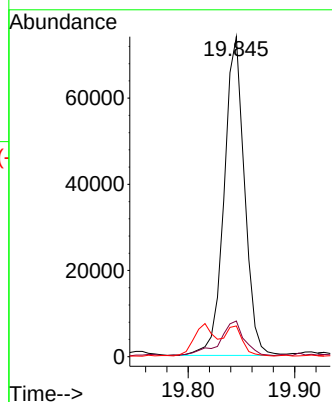
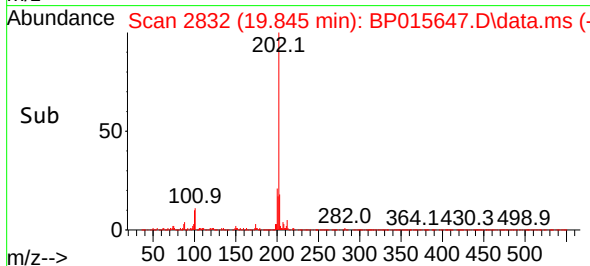
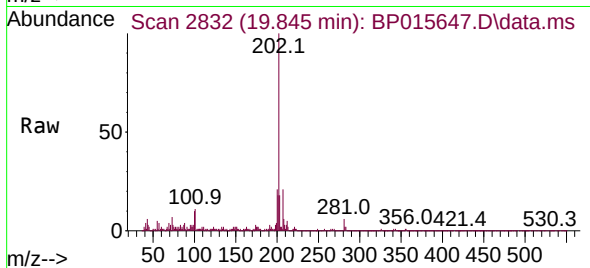
Tgt Ion:	202	Resp:	9805
Ion Ratio	Lower	Upper	
202	100		
101	11.2	9.9	14.9
100	9.6	8.4	12.6

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#85

Benzo(a)anthracene

Concen: 2.068 ng/ul

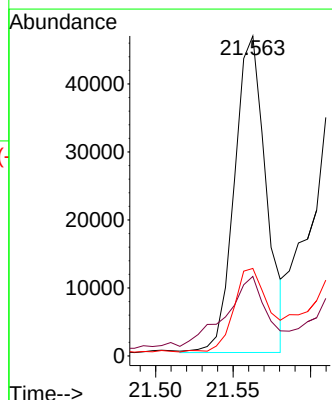
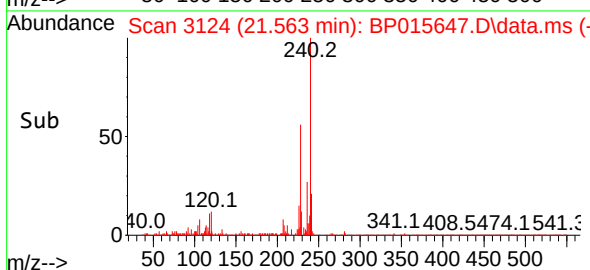
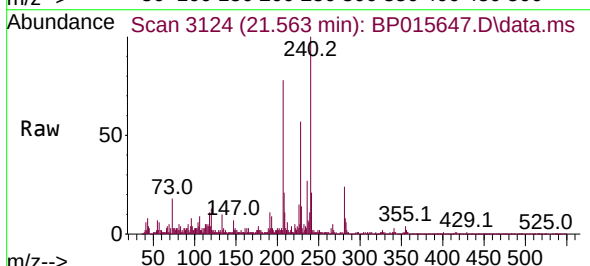
RT: 21.563 min Scan# 3124

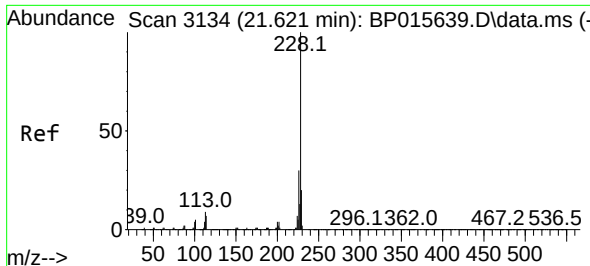
Delta R.T. 0.000 min

Lab File: BP015647.D

Acq: 22 Jun 2023 15:05

Tgt Ion:	228	Resp:	66130
Ion Ratio	Lower	Upper	
228	100		
229	24.9	15.8	23.6#
226	27.3	21.8	32.6





#87

Chrysene

Concen: 2.589 ng/ul

RT: 21.616 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP015647.D

Acq: 22 Jun 2023 15:05

Instrument :

BNA_P

ClientSampleId :

DCFK7

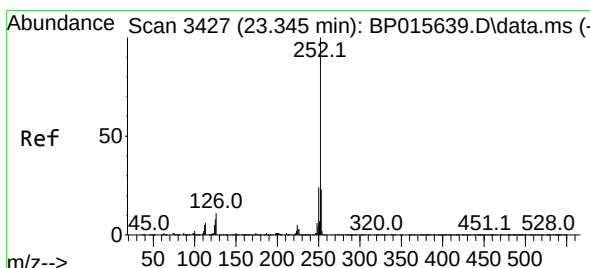
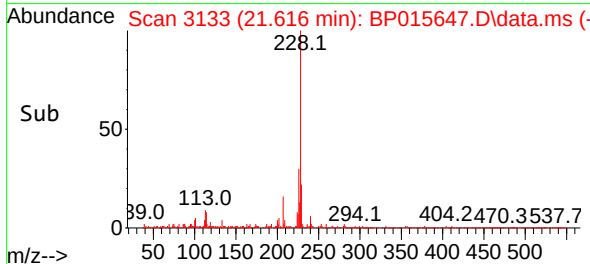
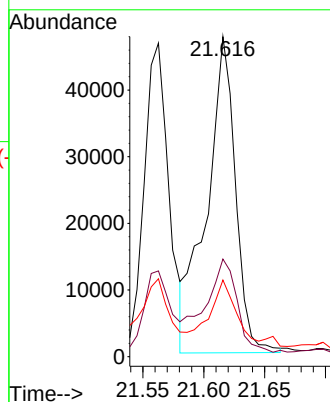
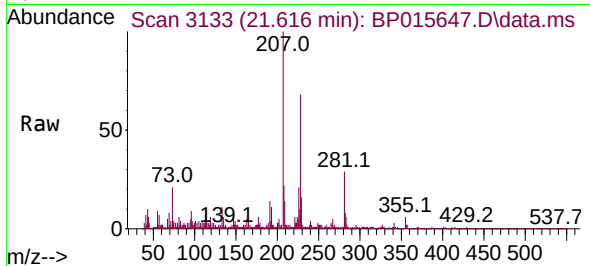
Tgt Ion:	228	Resp:	78230
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.9	35.9
229	24.0	15.1	22.7

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#90

Benzo(b)fluoranthene

Concen: 3.188 ng/ul

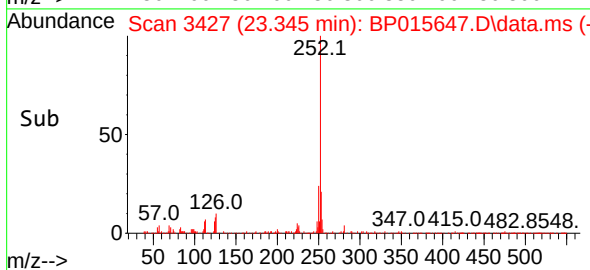
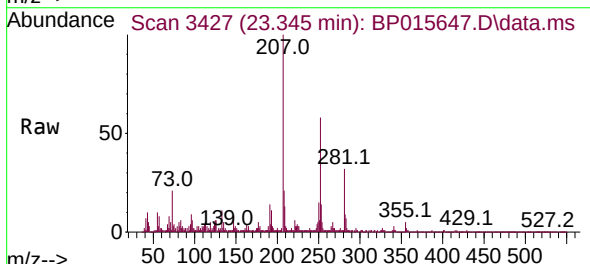
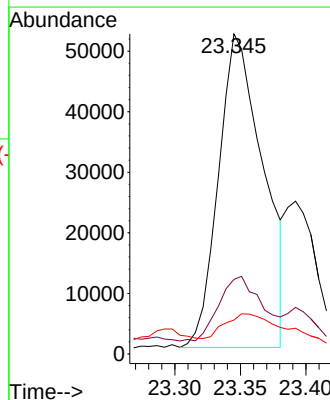
RT: 23.345 min Scan# 3427

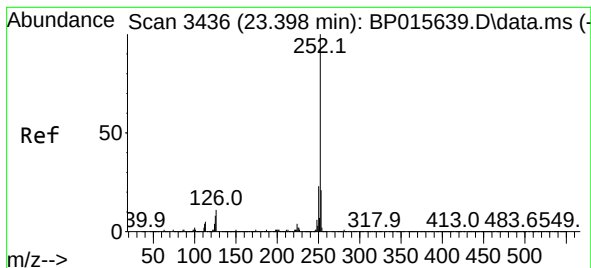
Delta R.T. 0.000 min

Lab File: BP015647.D

Acq: 22 Jun 2023 15:05

Tgt Ion:	252	Resp:	122442
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.2
125	10.6	7.3	10.9





#91

Benzo(k)fluoranthene

Concen: 1.086 ng/ul m

RT: 23.392 min Scan# 3436

Delta R.T. -0.006 min

Lab File: BP015647.D

Acq: 22 Jun 2023 15:05

Instrument :

BNA_P

ClientSampleId :

DCFK7

Tgt Ion:252 Resp: 4033

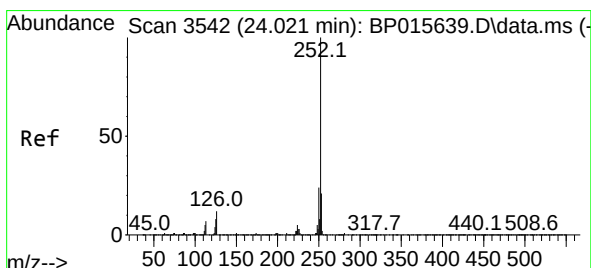
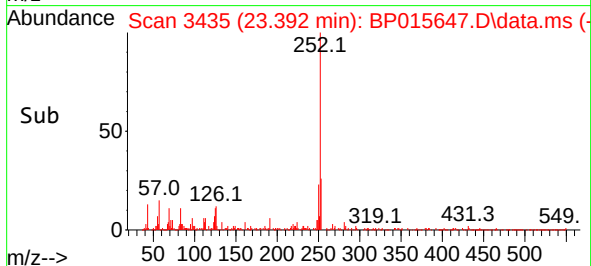
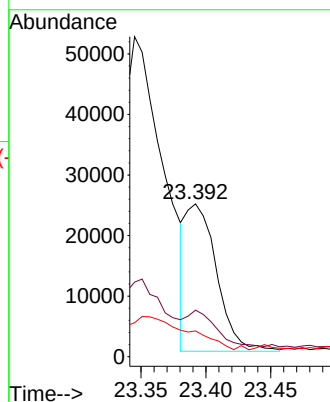
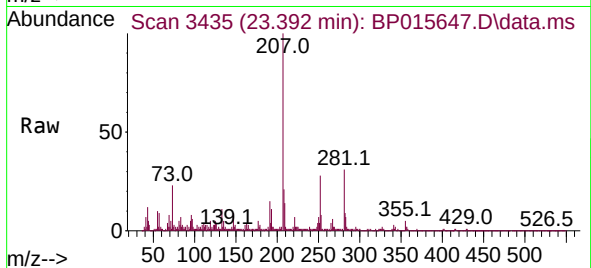
Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.7	26.5
125	16.9	7.3	10.9

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#93

Benzo(a)pyrene

Concen: 2.334 ng/ul

RT: 24.016 min Scan# 3541

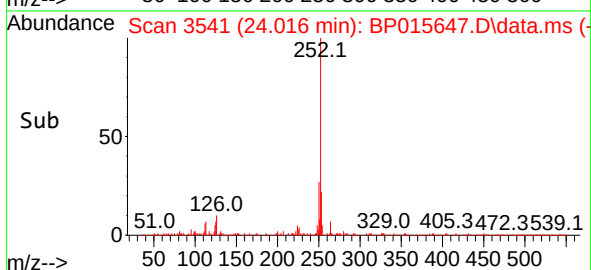
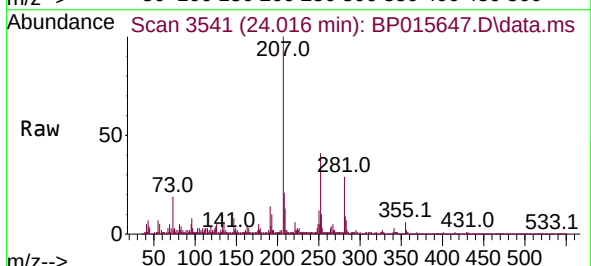
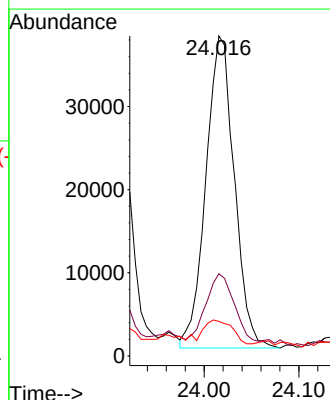
Delta R.T. -0.006 min

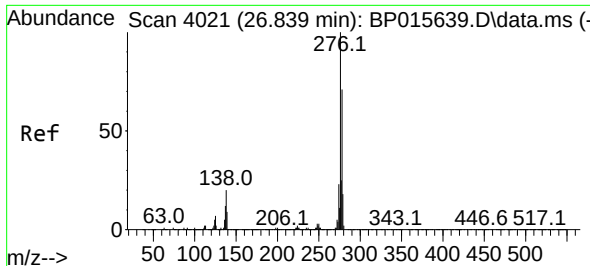
Lab File: BP015647.D

Acq: 22 Jun 2023 15:05

Tgt Ion:252 Resp: 78142

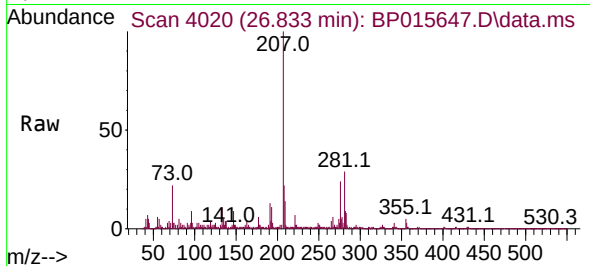
Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.8	26.6
125	10.8	8.1	12.1





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.637 ng/ul
 RT: 26.833 min Scan# 4021
 Delta R.T. -0.006 min
 Lab File: BP015647.D
 Acq: 22 Jun 2023 15:05

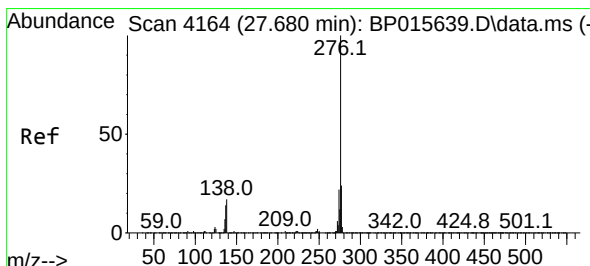
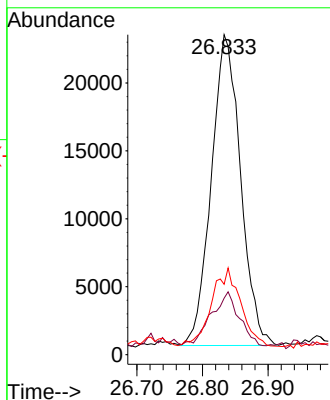
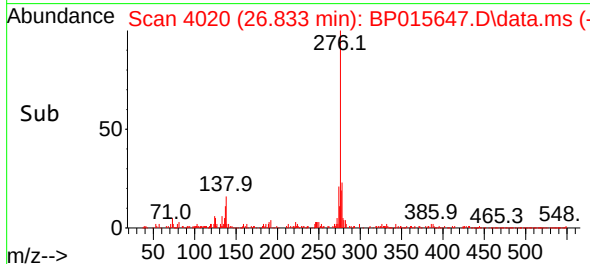
Instrument :
 BNA_P
 ClientSampleId :
 DCFK7



Tgt Ion:276 Resp: 70938
 Ion Ratio Lower Upper
 276 100
 138 17.6 17.3 25.9
 277 22.0 20.2 30.2

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#96
 Benzo(g,h,i)perylene
 Concen: 2.381 ng/ul
 RT: 27.668 min Scan# 4162
 Delta R.T. -0.012 min
 Lab File: BP015647.D
 Acq: 22 Jun 2023 15:05

Tgt Ion:276 Resp: 85021
 Ion Ratio Lower Upper
 276 100
 138 19.3 15.6 23.4
 277 25.2 19.0 28.6

