

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015855.D
 Acq On : 30 Jun 2023 21:22
 Operator : MA/JU
 Sample : 03239-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 00:18:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	263309	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1009134	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	544105	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1137488	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1124812	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1355510	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	36426	4.977	ng/uL	0.00
4) Pyridine-d5	3.828	84	376470	20.407	ng/ul	0.00
7) Phenol-d5	7.228	99	652558	28.965	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	444055	31.859	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	525757	30.915	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	468040	26.298	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	247746	32.124	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	262698	29.185	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	437670	27.286	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	310300	15.060	ng/ul	0.03
46) Dimethylphthalate-d6	14.110	166	1378510	32.779	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1605004	33.950	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	176316	31.770	ng/ul	0.03
60) Fluorene-d10	15.698	176	1164024	33.615	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	134130	19.174	ng/ul	0.01
73) Anthracene-d10	17.563	188	1739280	33.475	ng/ul	0.00
81) Pyrene-d10	19.786	212	2258696	30.752	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	2403200	35.146	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	86573	1.401	ng/ul	98
80) Fluoranthene	19.469	202	304512	3.336	ng/ul#	93
82) Pyrene	19.816	202	273654	2.939	ng/ul#	88
85) Benzo(a)anthracene	21.533	228	152210m	1.924	ng/ul	
87) Chrysene	21.592	228	224007	2.984	ng/ul	96
90) Benzo(b)fluoranthene	23.316	252	356203	4.090	ng/ul#	79
91) Benzo(k)fluoranthene	23.357	252	115655m	1.314	ng/ul	
93) Benzo(a)pyrene	23.980	252	209510	2.753	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.804	276	189961	1.839	ng/ul#	95
96) Benzo(g,h,i)perylene	27.633	276	195059	2.295	ng/ul#	91

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

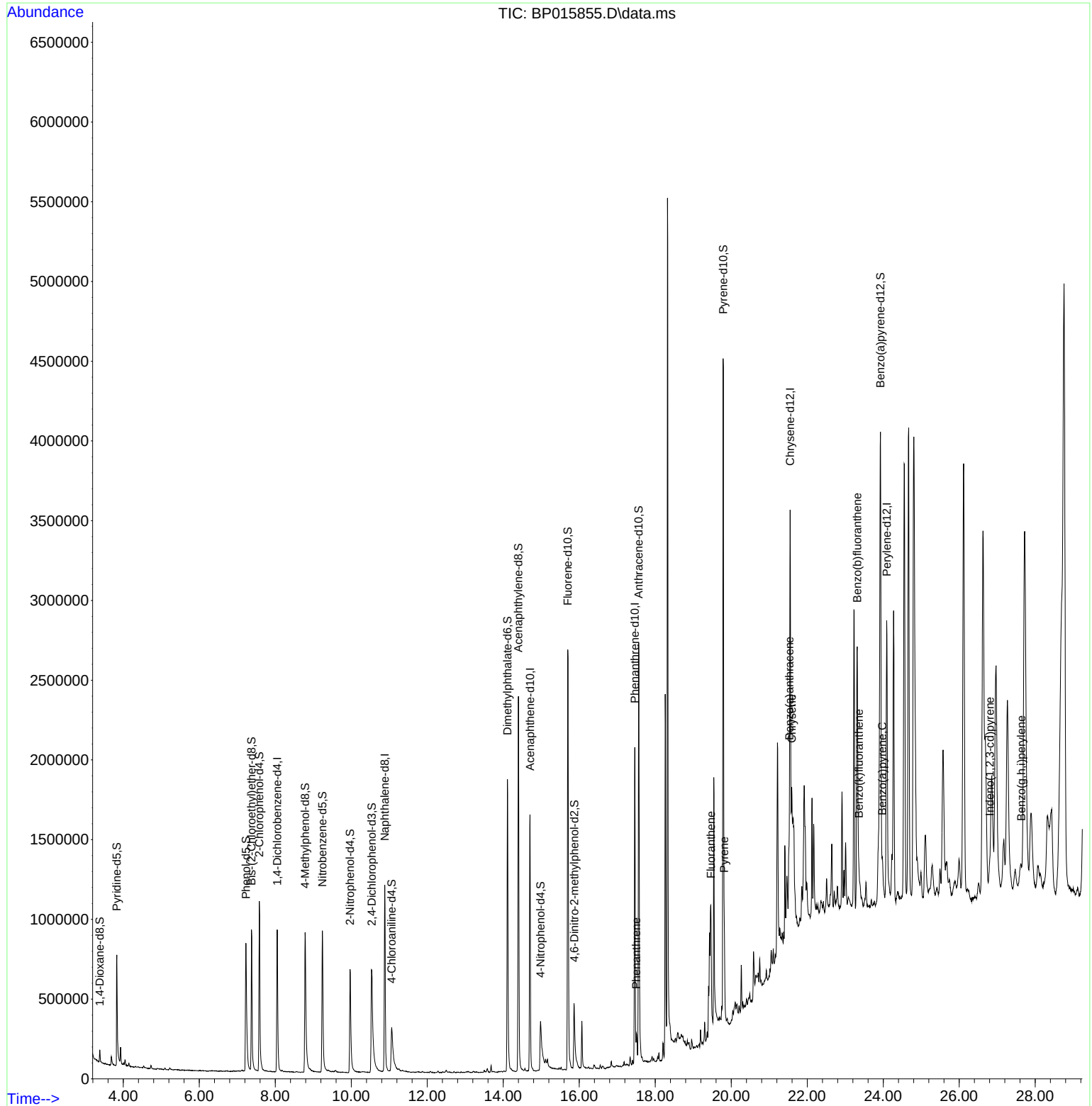
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015855.D
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ALS Vial : 21 Sample Multiplier: 1

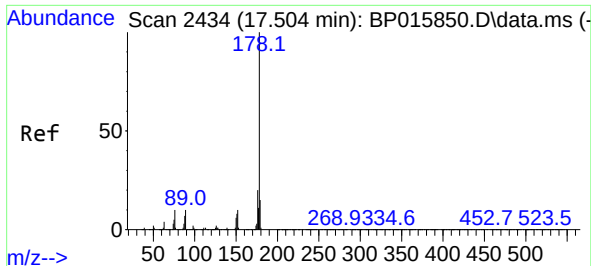
Instrument :
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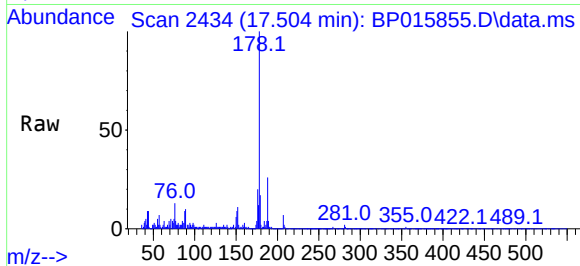
Quant Time: Jul 01 00:18:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.401 ng/u1
RT: 17.504 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP015855.D
Acq: 30 Jun 2023 21:22

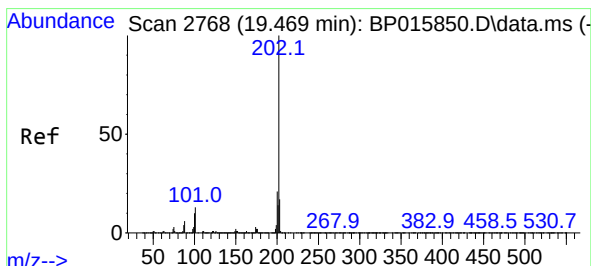
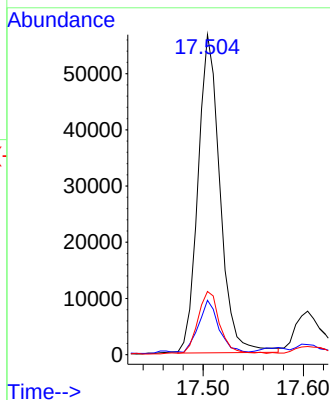
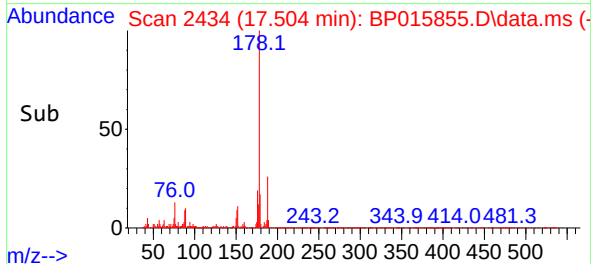
Instrument :
BNA_P
ClientSampleId :
DCFY3



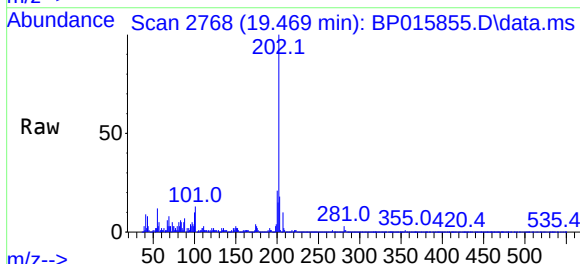
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Ion Ratio Lower Upper
178 100
179 17.0 12.4 18.6
176 19.7 15.6 23.4

Manual Integrations
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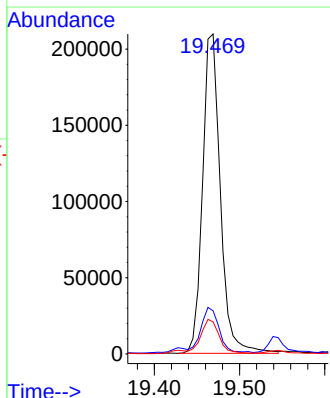
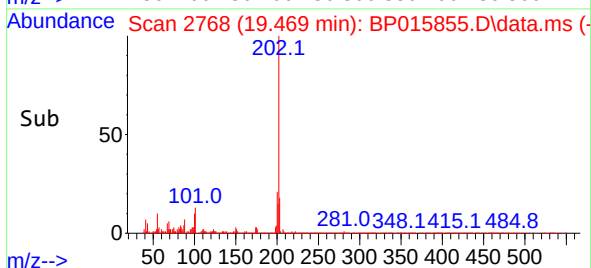
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

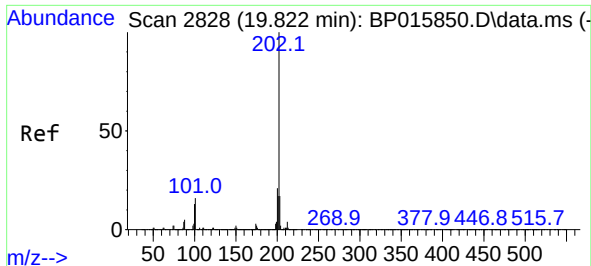


#80
Fluoranthene
Concen: 3.336 ng/u1
RT: 19.469 min Scan# 2768
Delta R.T. 0.000 min
Lab File: BP015855.D
Acq: 30 Jun 2023 21:22



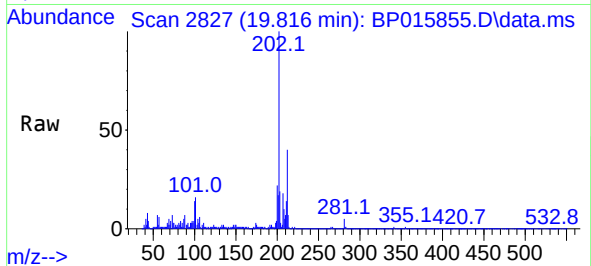
Tgt Ion:202 Resp: 304512
Ion Ratio Lower Upper
202 100
101 13.5 8.3 12.5#
100 10.1 6.6 9.8#





#82
 Pyrene
 Concen: 2.939 ng/ul
 RT: 19.816 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP015855.D
 Acq: 30 Jun 2023 21:22

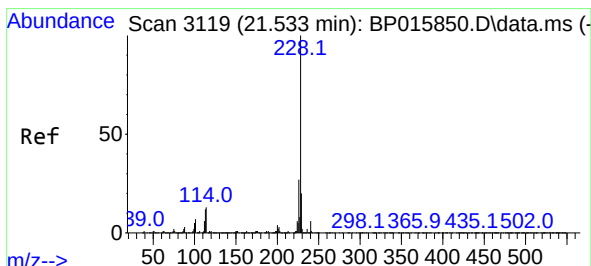
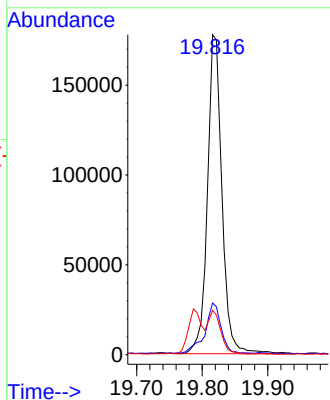
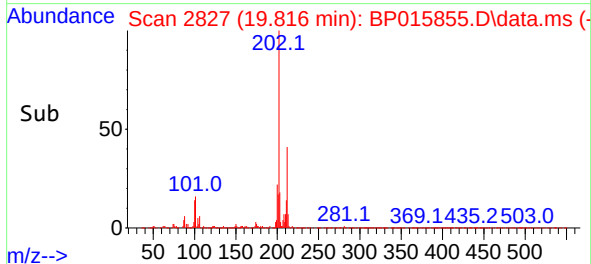
Instrument :
 BNA_P
 ClientSampleId :
 DCFY3



Tgt Ion:202 Resp: 273654
 Ion Ratio Lower Upper
 202 100
 101 16.1 9.3 13.9
 100 13.8 7.6 11.4

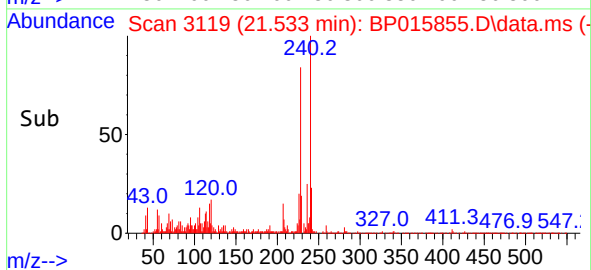
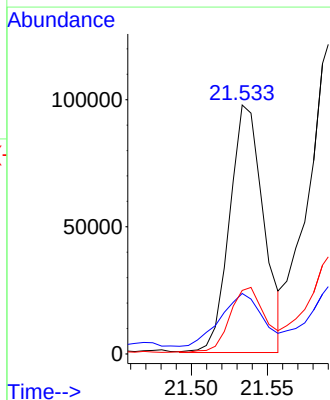
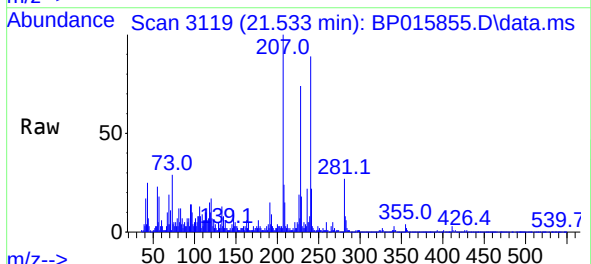
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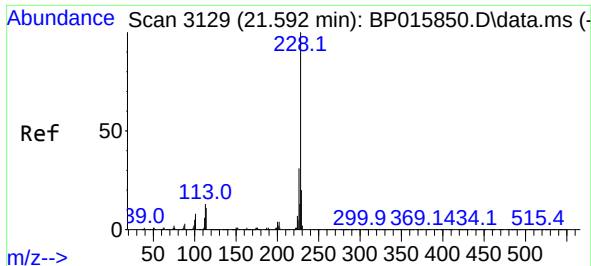
Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023



#85
 Benzo(a)anthracene
 Concen: 1.924 ng/ul m
 RT: 21.533 min Scan# 3119
 Delta R.T. -0.006 min
 Lab File: BP015855.D
 Acq: 30 Jun 2023 21:22

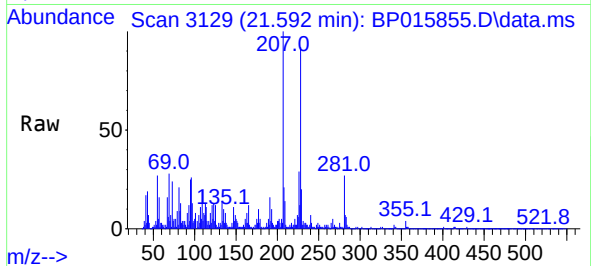
Tgt Ion:228 Resp: 152210
 Ion Ratio Lower Upper
 228 100
 229 24.3 15.3 22.9
 226 25.6 21.4 32.0





#87
Chrysene
Concen: 2.984 ng/u1
RT: 21.592 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP015855.D
Acq: 30 Jun 2023 21:22

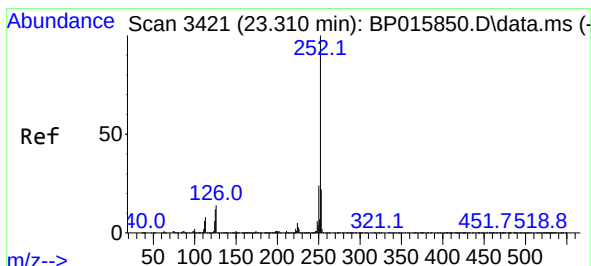
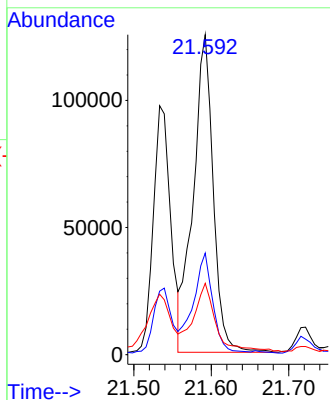
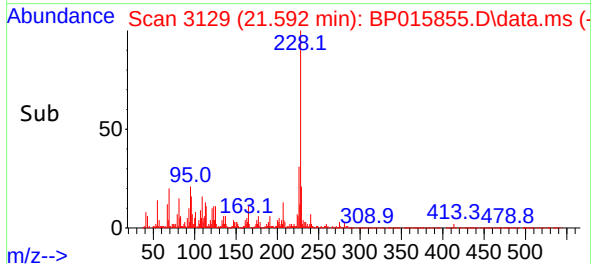
Instrument :
BNA_P
ClientSampleId :
DCFY3



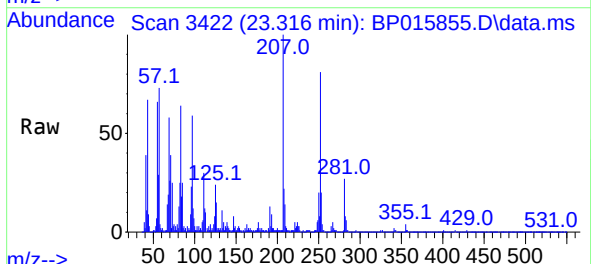
Tgt Ion:228 Resp: 22400
Ion Ratio Lower Upper
228 100
226 31.8 24.3 36.5
229 22.3 15.5 23.3

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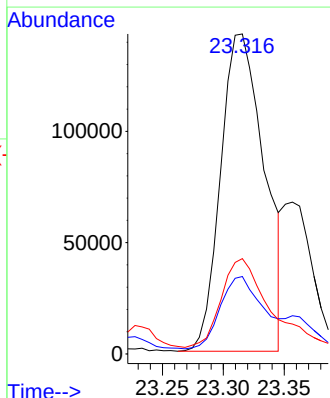
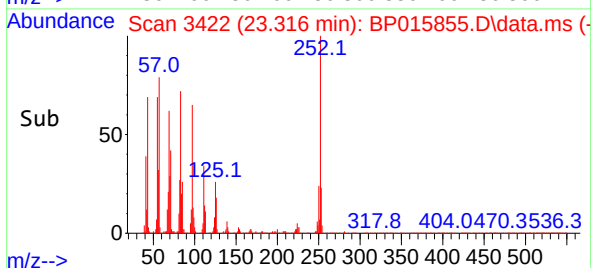
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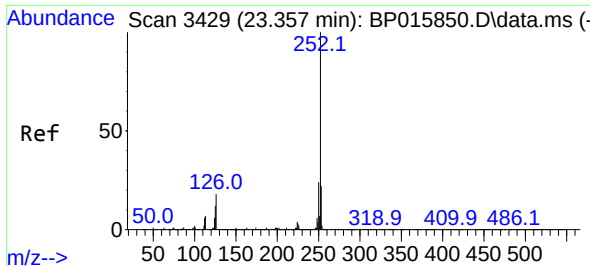


#90
Benzo(b)fluoranthene
Concen: 4.090 ng/u1
RT: 23.316 min Scan# 3422
Delta R.T. 0.000 min
Lab File: BP015855.D
Acq: 30 Jun 2023 21:22



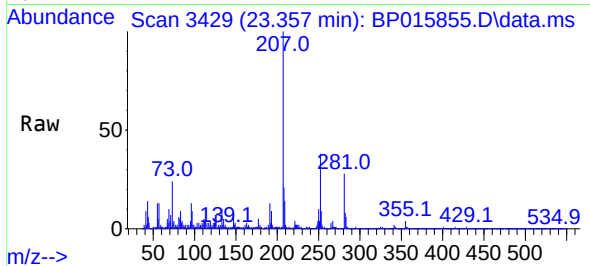
Tgt Ion:252 Resp: 356203
Ion Ratio Lower Upper
252 100
253 24.2 17.3 25.9
125 29.8 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 1.314 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. -0.006 min
Lab File: BP015855.D
Acq: 30 Jun 2023 21:22

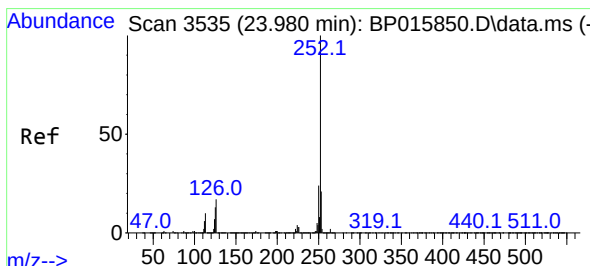
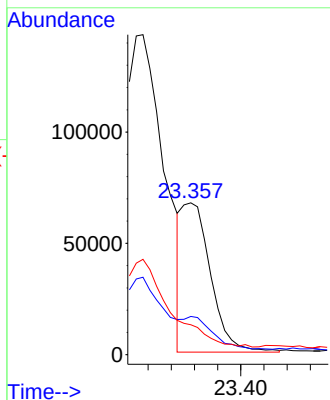
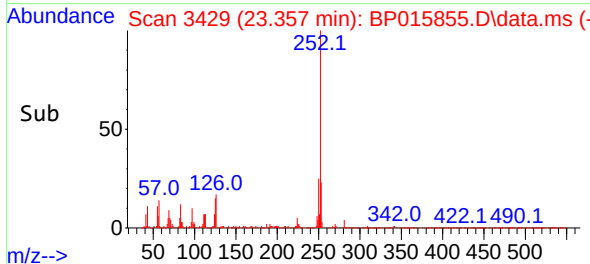
Instrument :
BNA_P
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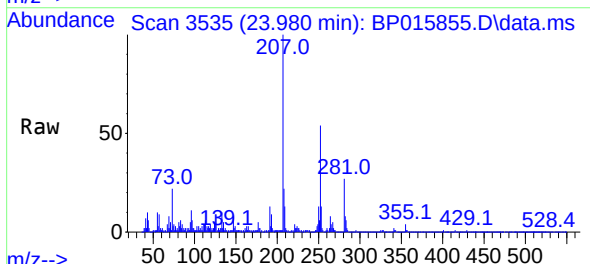
Tgt Ion:252 Resp: 115658
Ion Ratio Lower Upper
252 100
253 25.2 17.0 25.4
125 19.7 7.3 10.9

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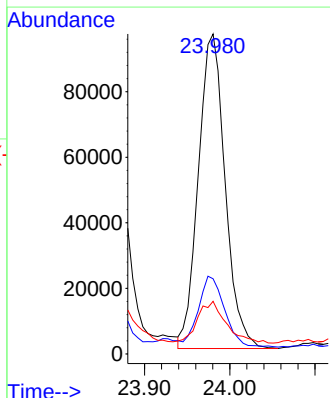
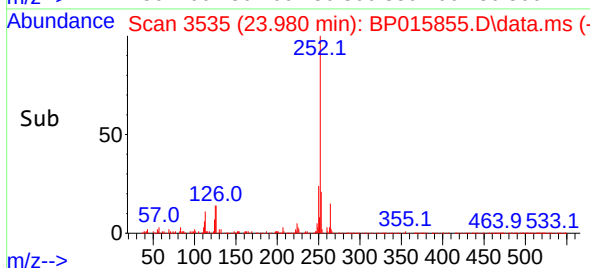
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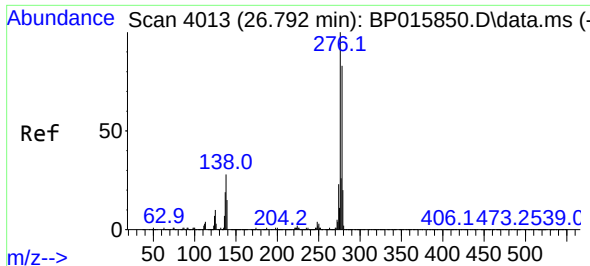


#93
Benzo(a)pyrene
Concen: 2.753 ng/ul
RT: 23.980 min Scan# 3535
Delta R.T. -0.006 min
Lab File: BP015855.D
Acq: 30 Jun 2023 21:22



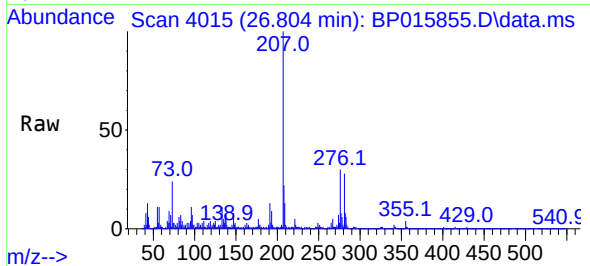
Tgt Ion:252 Resp: 209510
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 16.5 8.2 12.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.839 ng/ul
 RT: 26.804 min Scan# 4013
 Delta R.T. 0.006 min
 Lab File: BP015855.D
 Acq: 30 Jun 2023 21:22

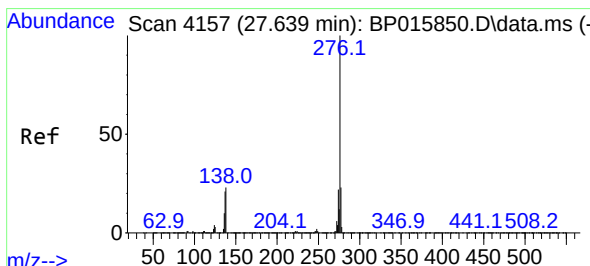
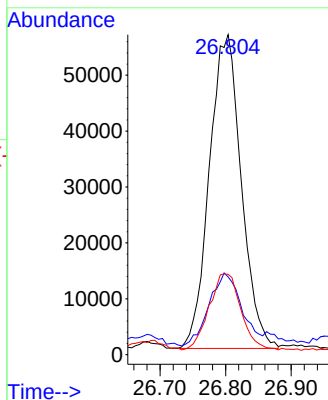
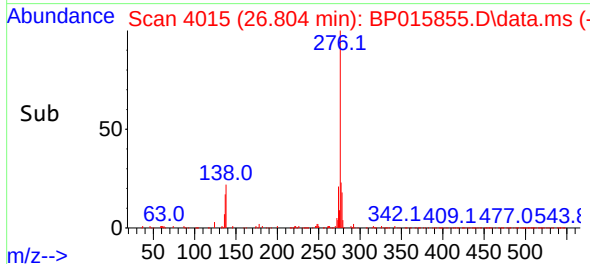
Instrument :
 BNA_P
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Tgt Ion:276 Resp: 18996
 Ion Ratio Lower Upper
 276 100
 138 24.3 15.7 23.5
 277 25.1 19.6 29.4

Manual Integrations
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#96
 Benzo(g,h,i)perylene
 Concen: 2.295 ng/ul
 RT: 27.633 min Scan# 4156
 Delta R.T. -0.006 min
 Lab File: BP015855.D
 Acq: 30 Jun 2023 21:22

Tgt Ion:276 Resp: 195059
 Ion Ratio Lower Upper
 276 100
 138 25.3 15.1 22.7#
 277 26.3 18.8 28.2

