

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015844.D
 Acq On : 30 Jun 2023 15:06
 Operator : MA/JU
 Sample : 03161-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFW2

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 23:21:25 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	281365	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	1172835	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.704	164	659234	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1276602	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	989906	20.000	ng/u1	0.00
88) Perylene-d12	24.098	264	1210274	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	24192	3.093	ng/uL	0.00
4) Pyridine-d5	3.828	84	248152	12.588	ng/u1	0.00
7) Phenol-d5	7.234	99	422406	17.546	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	301117	20.217	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	350405	19.282	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	269898	14.192	ng/u1	0.01
21) Nitrobenzene-d5	9.246	128	168739	18.826	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	177940	17.010	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.557	165	282752	15.168	ng/u1	0.04
31) 4-Chloroaniline-d4	11.104	131	101825m	4.252	ng/u1	0.07
46) Dimethylphthalate-d6	14.116	166	990500	19.439	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1105874	19.307	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	100843m	14.997	ng/u1	0.05
60) Fluorene-d10	15.704	176	821557	19.582	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	96213	12.255	ng/u1	0.02
73) Anthracene-d10	17.569	188	1143444	19.609	ng/u1	0.00
81) Pyrene-d10	19.792	212	1258402	19.468	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1247004	20.425	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	155737	2.246	ng/u1	99
80) Fluoranthene	19.469	202	500902	6.235	ng/u1#	92
82) Pyrene	19.822	202	400367	4.886	ng/u1#	90
85) Benzo(a)anthracene	21.539	228	183331	2.633	ng/u1	97
87) Chrysene	21.592	228	250883	3.797	ng/u1	98
90) Benzo(b)fluoranthene	23.316	252	387421	4.982	ng/u1#	87
91) Benzo(k)fluoranthene	23.363	252	116045	1.477	ng/u1#	91
93) Benzo(a)pyrene	23.986	252	212357	3.125	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	26.810	276	197015	2.136	ng/u1#	96
96) Benzo(g,h,i)perylene	27.645	276	184835	2.436	ng/u1#	91

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

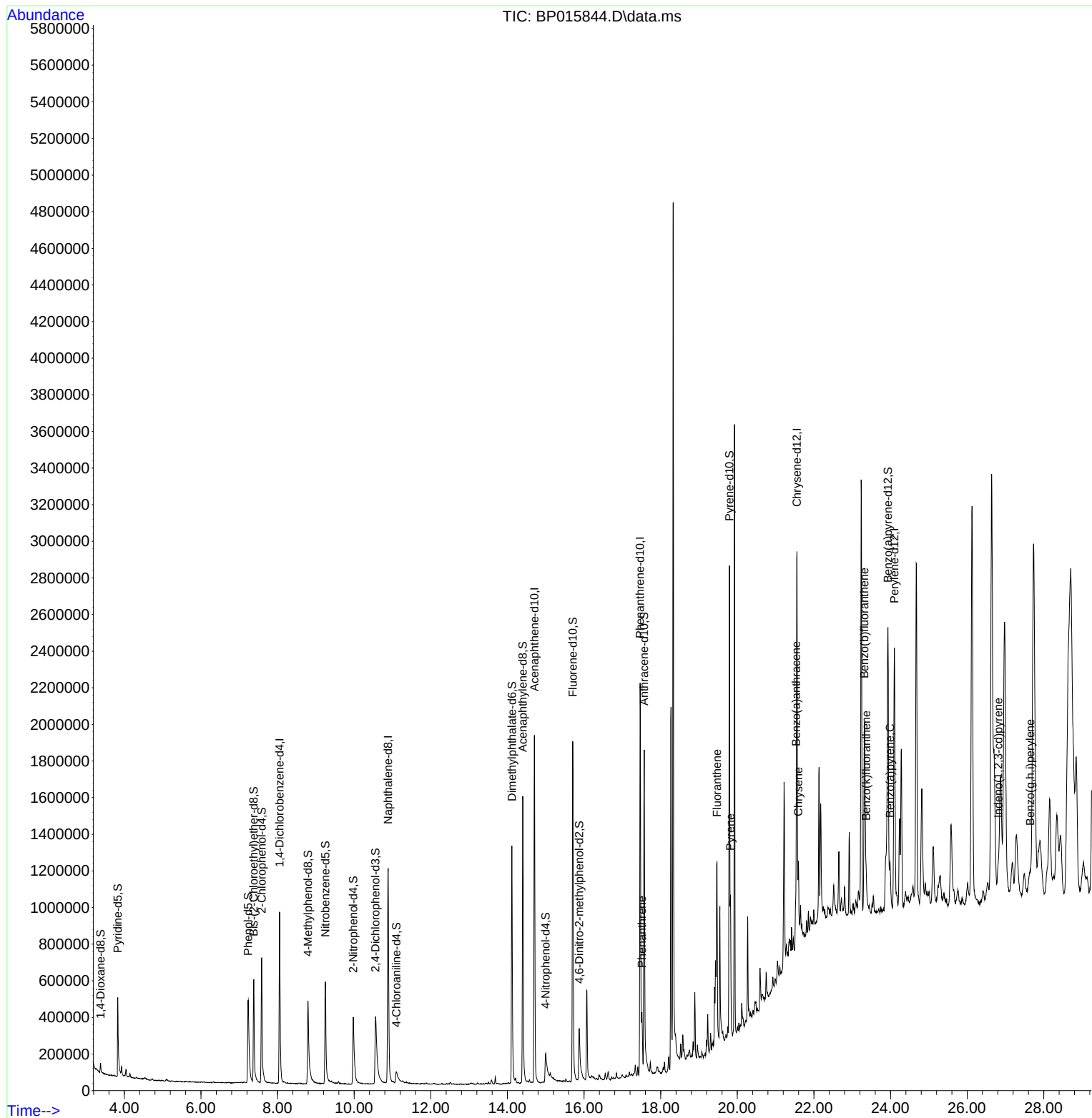
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015844.D
Acq On : 30 Jun 2023 15:06
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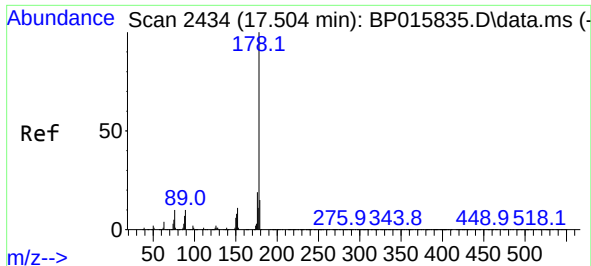
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Jun 30 23:21:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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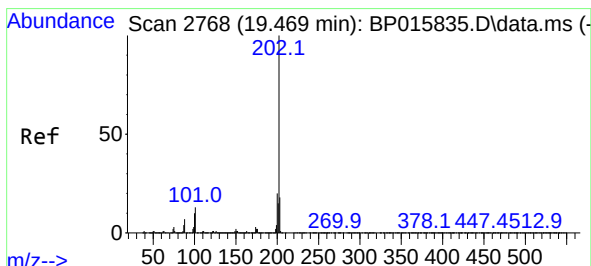
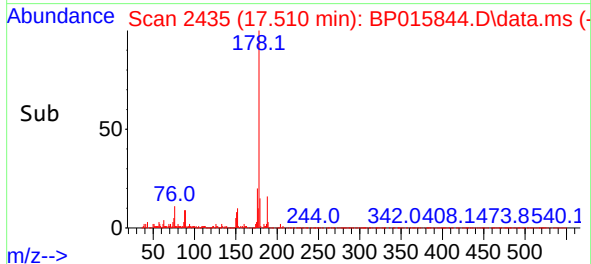
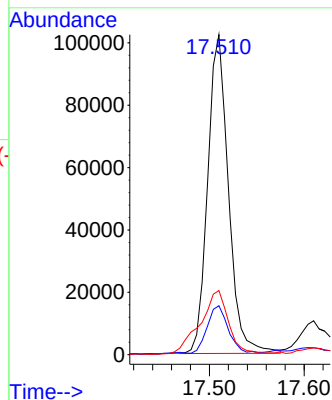
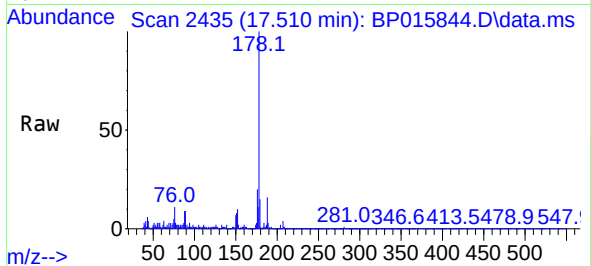
#72
Phenanthrene
Concen: 2.246 ng/u1
RT: 17.510 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP015844.D
Acq: 30 Jun 2023 15:06

Instrument :
BNA_P
ClientSampleId :
DCFW2

Tgt Ion:178 Resp: 15573
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 20.0 15.6 23.4

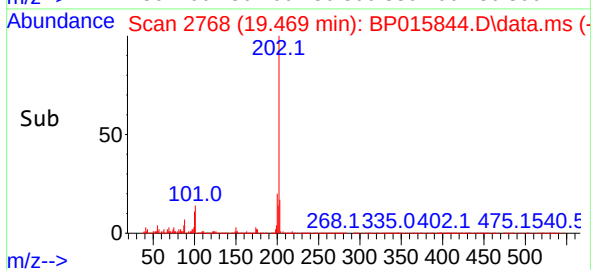
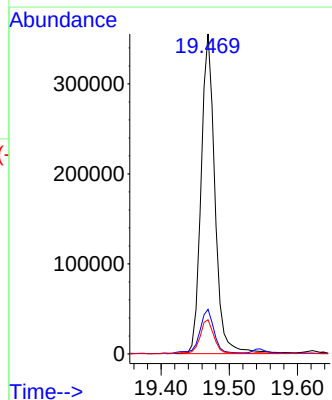
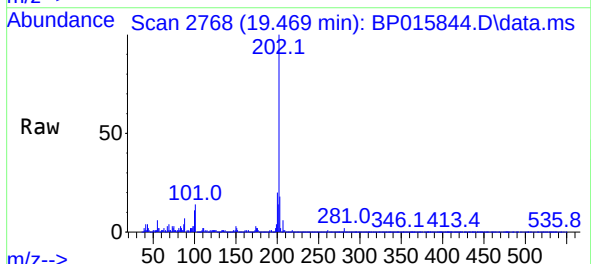
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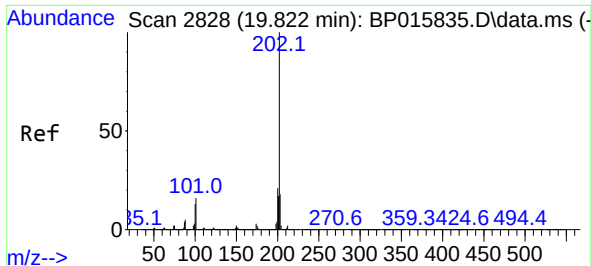
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#80
Fluoranthene
Concen: 6.235 ng/u1
RT: 19.469 min Scan# 2768
Delta R.T. 0.000 min
Lab File: BP015844.D
Acq: 30 Jun 2023 15:06

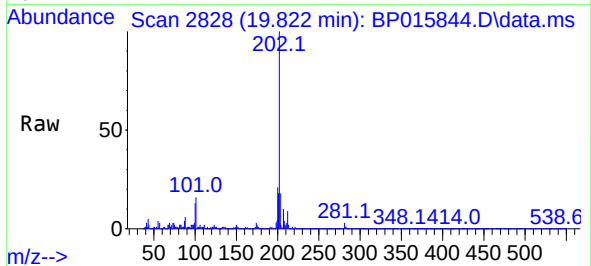
Tgt Ion:202 Resp: 500902
Ion Ratio Lower Upper
202 100
101 13.9 8.3 12.5#
100 10.7 6.6 9.8#





#82
Pyrene
Concen: 4.886 ng/u1
RT: 19.822 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015844.D
Acq: 30 Jun 2023 15:06

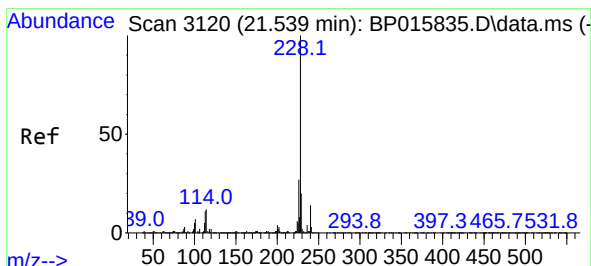
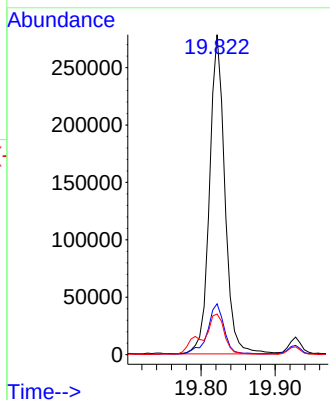
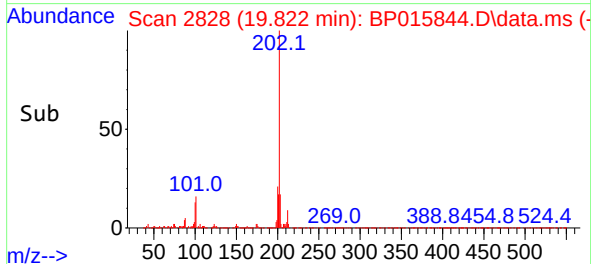
Instrument :
BNA_P
ClientSampleId :
DCFW2



Tgt Ion:202 Resp: 40036
Ion Ratio Lower Upper
202 100
101 15.9 9.3 13.9
100 12.7 7.6 11.4

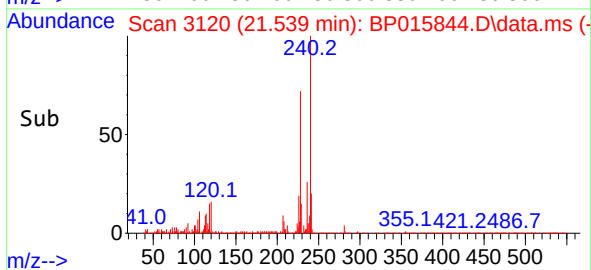
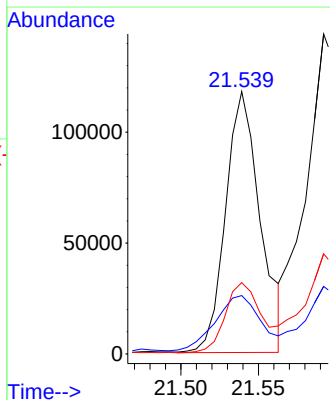
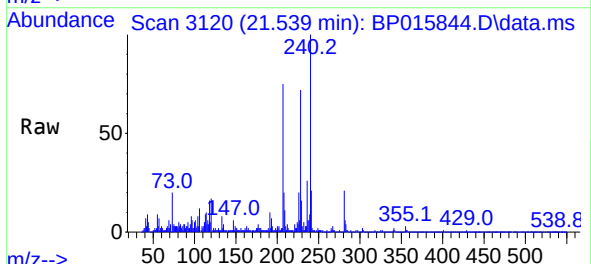
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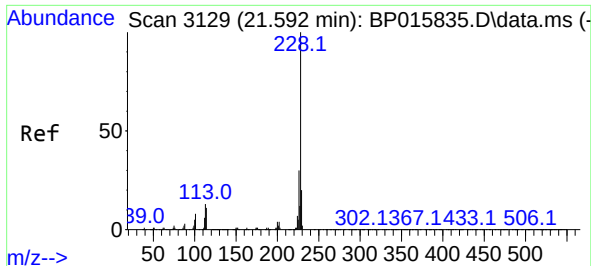
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#85
Benzo(a)anthracene
Concen: 2.633 ng/u1
RT: 21.539 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP015844.D
Acq: 30 Jun 2023 15:06

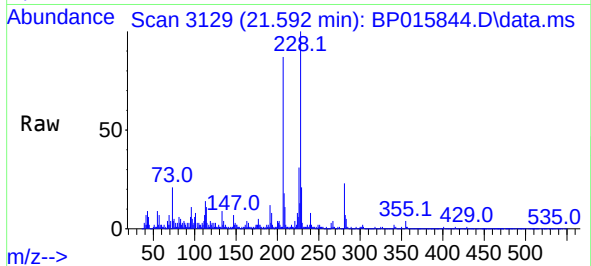
Tgt Ion:228 Resp: 183331
Ion Ratio Lower Upper
228 100
229 22.3 15.3 22.9
226 27.2 21.4 32.0





#87
Chrysene
Concen: 3.797 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP015844.D
Acq: 30 Jun 2023 15:06

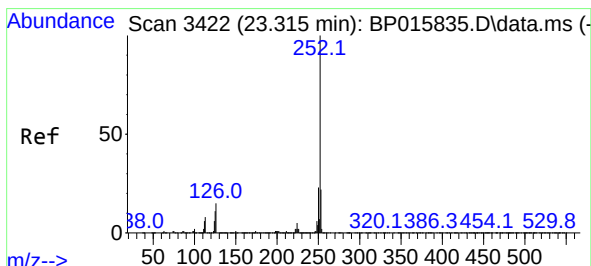
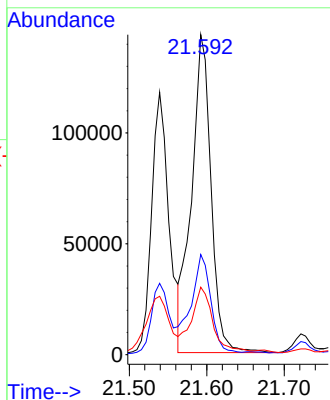
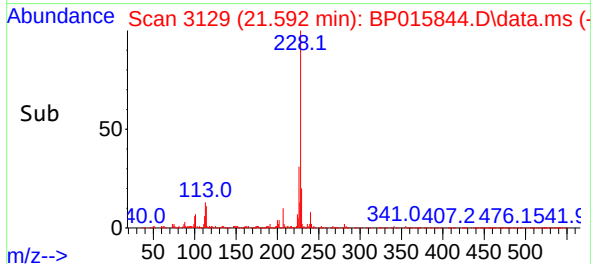
Instrument :
BNA_P
ClientSampleId :
DCFW2



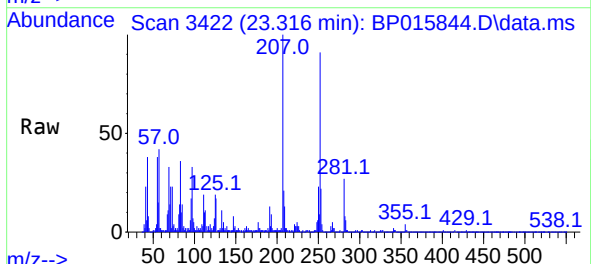
Tgt Ion:228 Resp: 25088
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 21.1 15.5 23.3

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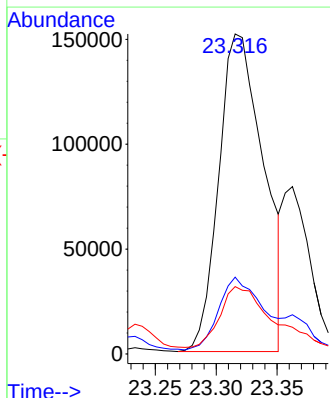
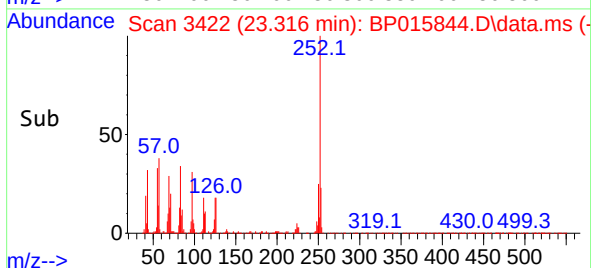
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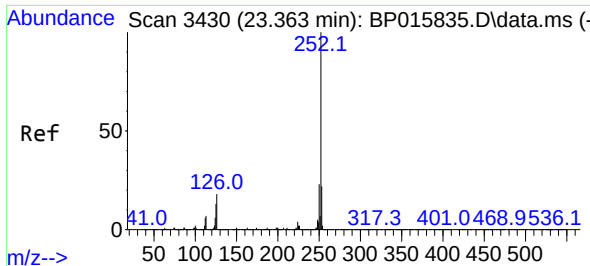


#90
Benzo(b)fluoranthene
Concen: 4.982 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. 0.000 min
Lab File: BP015844.D
Acq: 30 Jun 2023 15:06



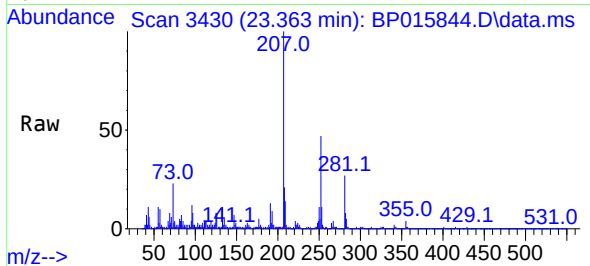
Tgt Ion:252 Resp: 387421
Ion Ratio Lower Upper
252 100
253 24.0 17.3 25.9
125 21.1 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 1.477 ng/ul
RT: 23.363 min Scan# 3430
Delta R.T. 0.000 min
Lab File: BP015844.D
Acq: 30 Jun 2023 15:06

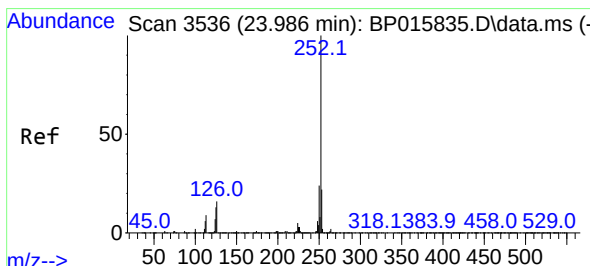
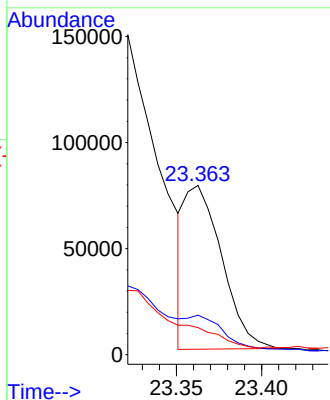
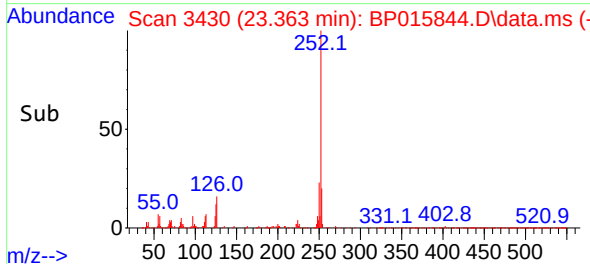
Instrument :
BNA_P
ClientSampleId :
DCFW2



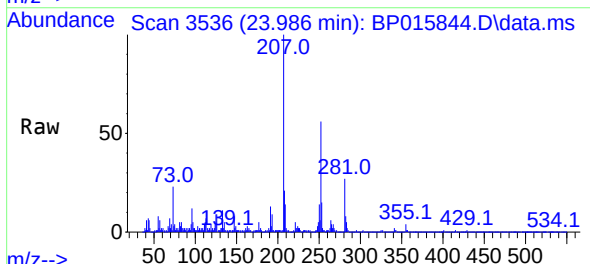
Tgt Ion:252 Resp: 116045
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.4
125 16.0 7.3 10.9

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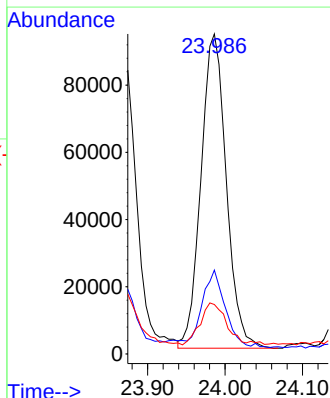
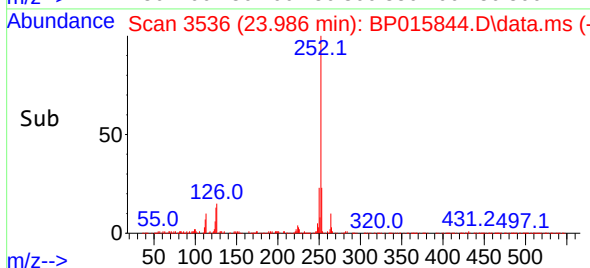
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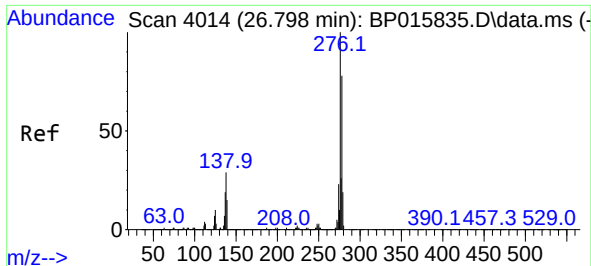


#93
Benzo(a)pyrene
Concen: 3.125 ng/ul
RT: 23.986 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP015844.D
Acq: 30 Jun 2023 15:06



Tgt Ion:252 Resp: 212357
Ion Ratio Lower Upper
252 100
253 26.2 17.7 26.5
125 15.4 8.2 12.2





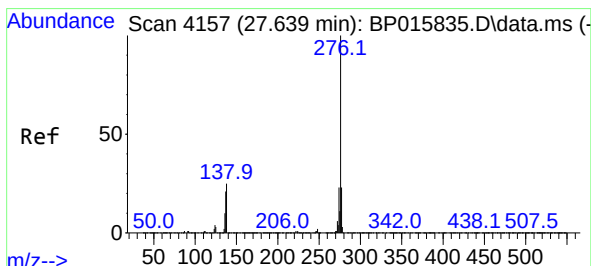
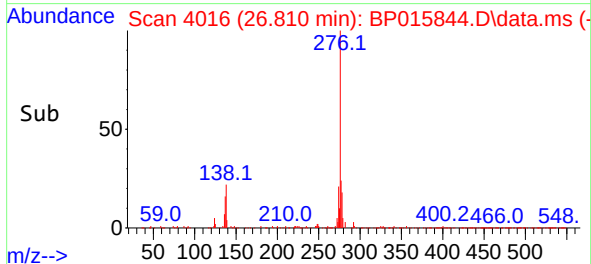
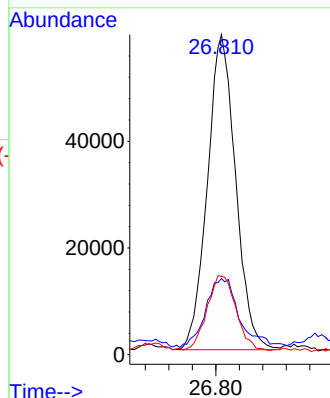
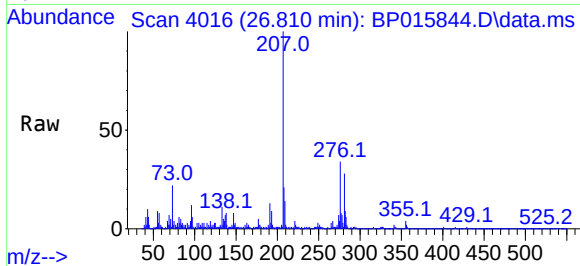
#94
Indeno(1,2,3-cd)pyrene
Concen: 2.136 ng/ul
RT: 26.810 min Scan# 4016
Delta R.T. 0.012 min
Lab File: BP015844.D
Acq: 30 Jun 2023 15:06

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Tgt Ion:276 Resp: 197015
Ion Ratio Lower Upper
276 100
138 23.8 15.7 23.5
277 24.5 19.6 29.4

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 2.436 ng/ul
RT: 27.645 min Scan# 4158
Delta R.T. 0.006 min
Lab File: BP015844.D
Acq: 30 Jun 2023 15:06

Tgt Ion:276 Resp: 184835
Ion Ratio Lower Upper
276 100
138 27.7 15.1 22.7#
277 24.0 18.8 28.2

