

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015897.D
 Acq On : 01 Jul 2023 22:45
 Operator : MA/JU
 Sample : 03242-15
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 04:01:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 02:29:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	301092	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1285689	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	738143	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1363858	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	897833	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1078870	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	23119	2.763	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.240	99	450595	17.491	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	315665	19.805	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	374442	19.255	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	328667	16.149	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	181639	18.486	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	203904	17.781	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	340736	16.674	ng/ul	0.02
31) 4-Chloroaniline-d4	11.057	131	282947	10.778	ng/ul	0.02
46) Dimethylphthalate-d6	14.110	166	1155063	20.246	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	1286776	20.064	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	113634m	15.093	ng/ul	0.03
60) Fluorene-d10	15.698	176	939091	19.990	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	68478	8.164	ng/ul	0.01
73) Anthracene-d10	17.563	188	1206350	19.364	ng/ul	0.00
81) Pyrene-d10	19.786	212	1211208	20.660	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.927	264	1141177	20.969	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	102148	1.379	ng/ul	100
80) Fluoranthene	19.463	202	282710	3.880	ng/ul#	92
82) Pyrene	19.822	202	223381	3.006	ng/ul#	88
85) Benzo(a)anthracene	21.533	228	131423m	2.081	ng/ul	
87) Chrysene	21.592	228	166798	2.784	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	275840	3.979	ng/ul#	90
91) Benzo(k)fluoranthene	23.357	252	91778m	1.310	ng/ul	
93) Benzo(a)pyrene	23.974	252	161382	2.664	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	143542	1.746	ng/ul#	93
96) Benzo(g,h,i)perylene	27.645	276	136636	2.020	ng/ul#	90

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

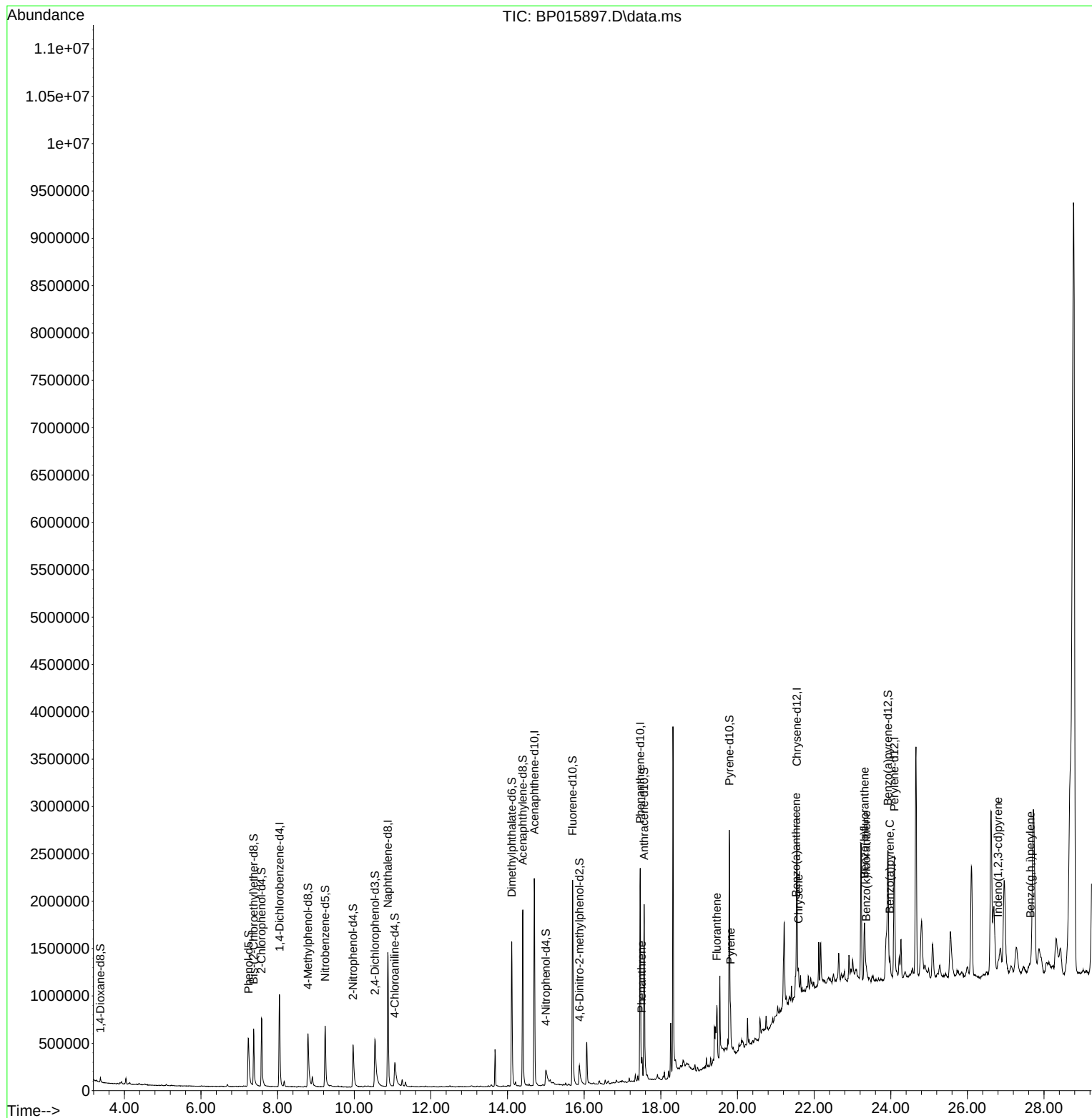
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015897.D
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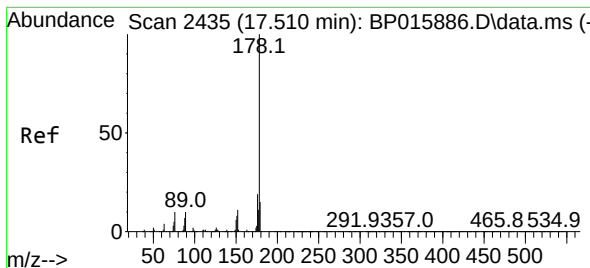
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.379 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP015897.D

Acq: 01 Jul 2023 22:45

Instrument :

BNA_P

ClientSampleId :

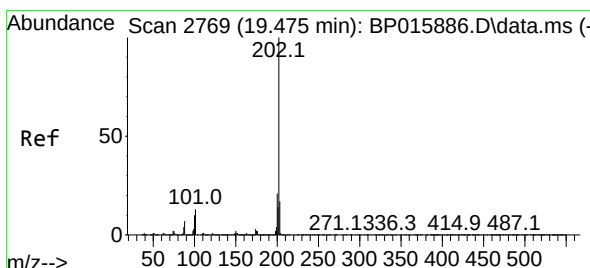
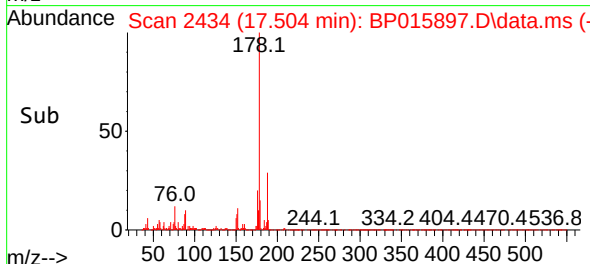
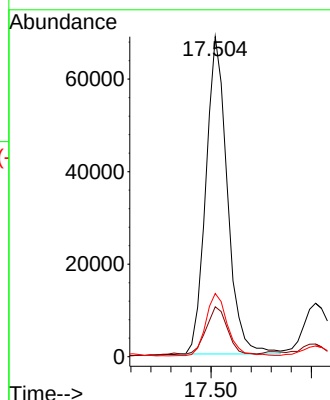
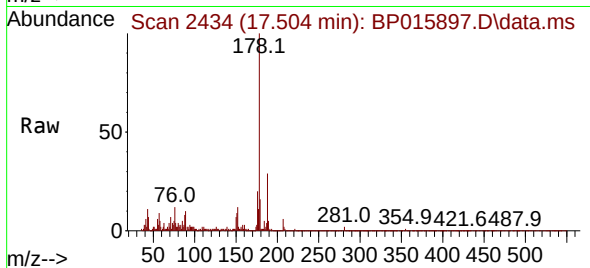
DCGB6

Tgt Ion:	178	Resp:	10214
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.4	18.6
176	19.7	15.6	23.4

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#80

Fluoranthene

Concen: 3.880 ng/ul

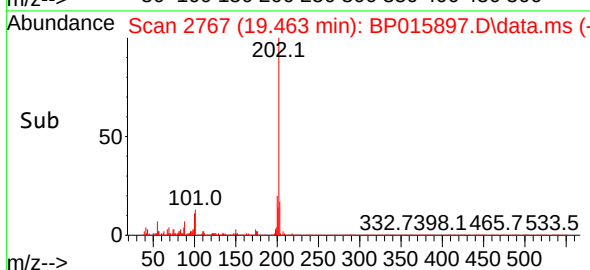
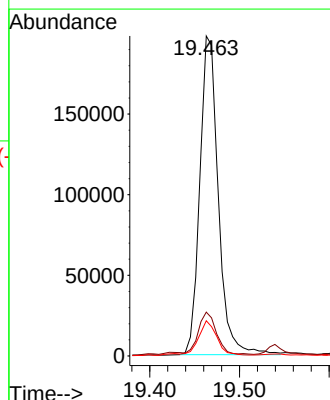
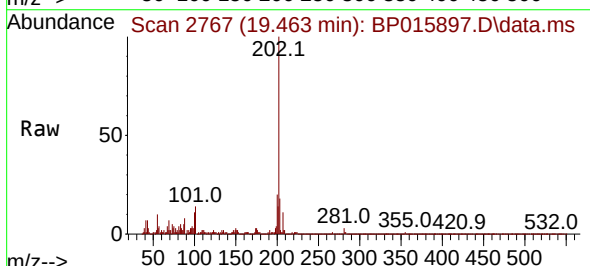
RT: 19.463 min Scan# 2767

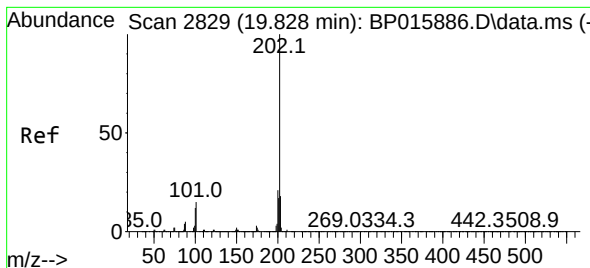
Delta R.T. -0.012 min

Lab File: BP015897.D

Acq: 01 Jul 2023 22:45

Tgt Ion:	202	Resp:	282710
Ion Ratio	Lower	Upper	
202	100		
101	13.7	8.3	12.5#
100	11.0	6.6	9.8#





#82

Pyrene

Concen: 3.006 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015897.D

Acq: 01 Jul 2023 22:45

Instrument :

BNA_P

ClientSampleId :

DCGB6

Tgt Ion:202 Resp: 22338

Ion Ratio Lower Upper

202 100

101 16.8 9.3 13.9

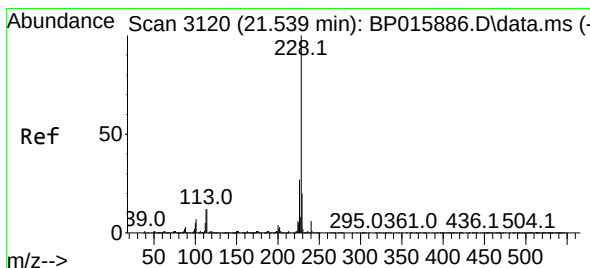
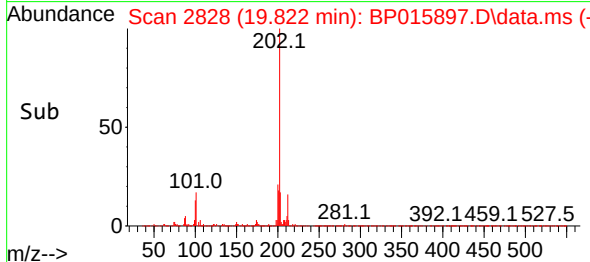
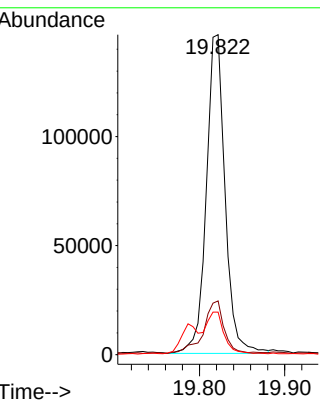
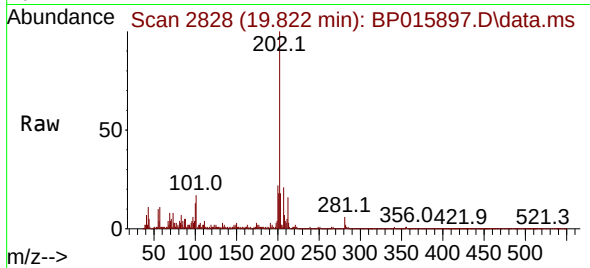
100 13.3 7.6 11.4

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#85

Benzo(a)anthracene

Concen: 2.081 ng/ul m

RT: 21.533 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP015897.D

Acq: 01 Jul 2023 22:45

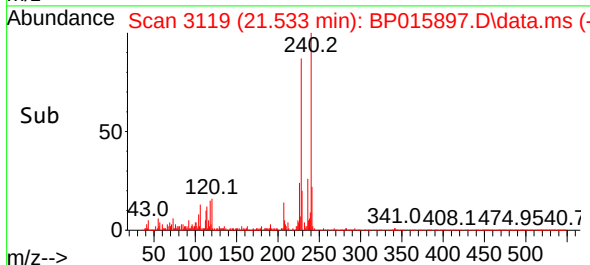
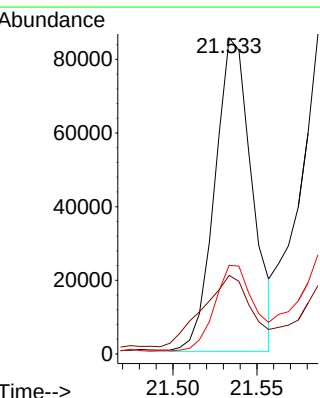
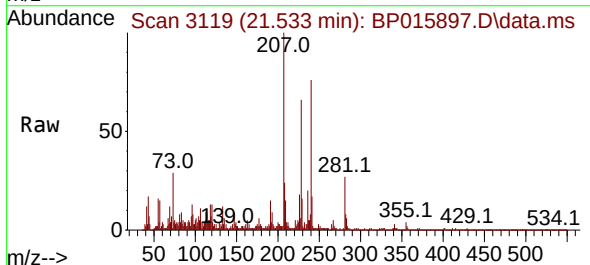
Tgt Ion:228 Resp: 131423

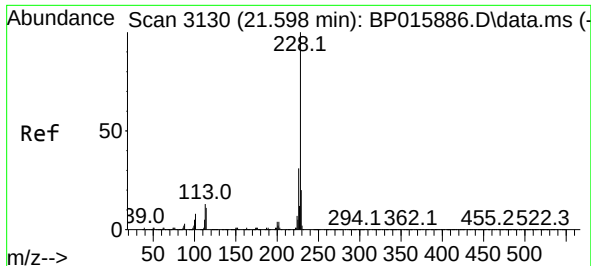
Ion Ratio Lower Upper

228 100

229 24.9 15.3 22.9

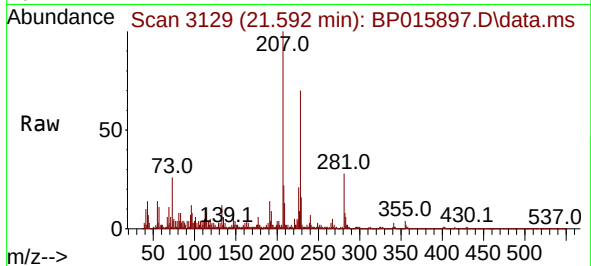
226 28.1 21.4 32.0





#87
Chrysene
Concen: 2.784 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP015897.D
Acq: 01 Jul 2023 22:45

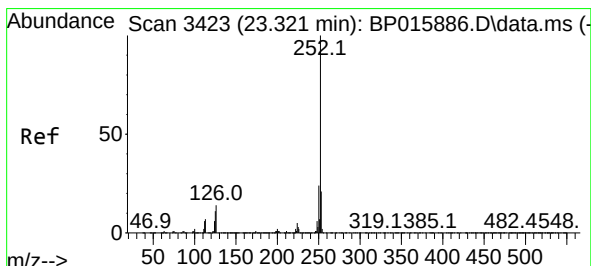
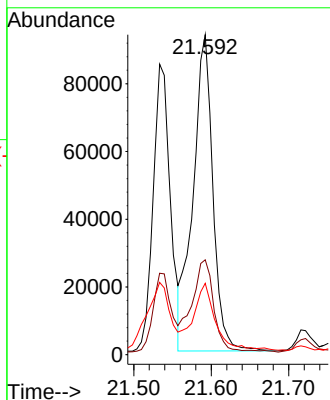
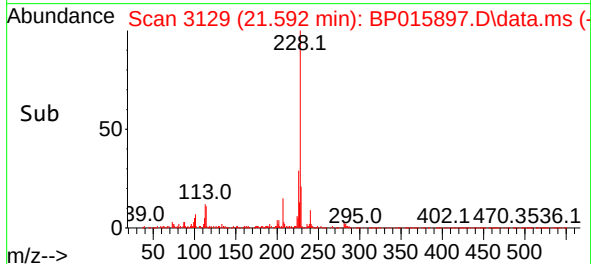
Instrument :
BNA_P
ClientSampleId :
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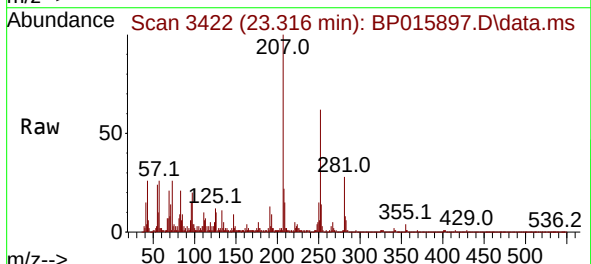
Tgt Ion:228 Resp: 166798
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 22.3 15.5 23.3

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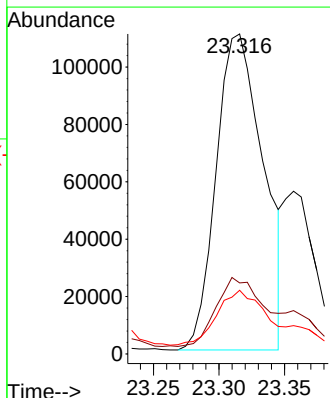
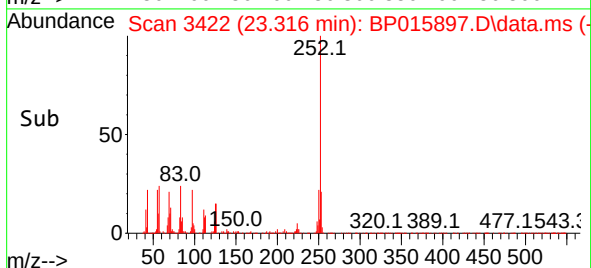
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

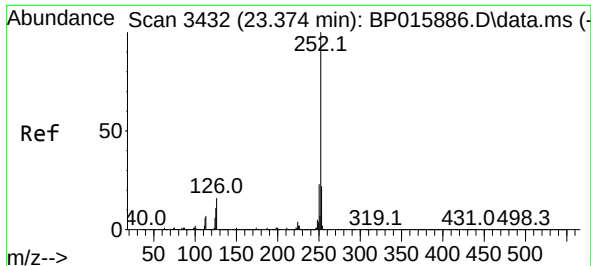


#90
Benzo(b)fluoranthene
Concen: 3.979 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. -0.006 min
Lab File: BP015897.D
Acq: 01 Jul 2023 22:45



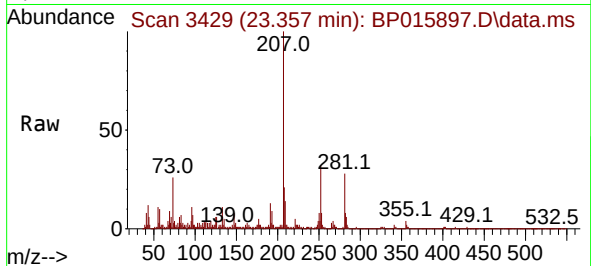
Tgt Ion:252 Resp: 275840
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 19.9 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 1.310 ng/ul m
RT: 23.357 min Scan# 3432
Delta R.T. -0.018 min
Lab File: BP015897.D
Acq: 01 Jul 2023 22:45

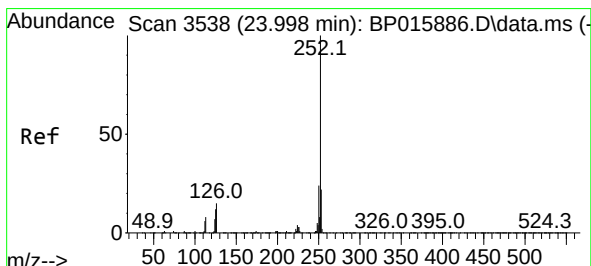
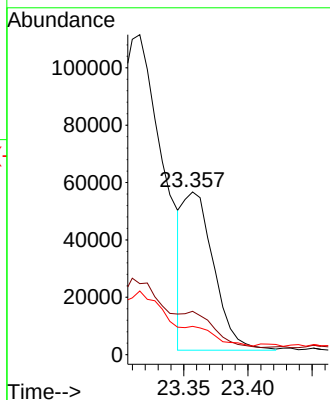
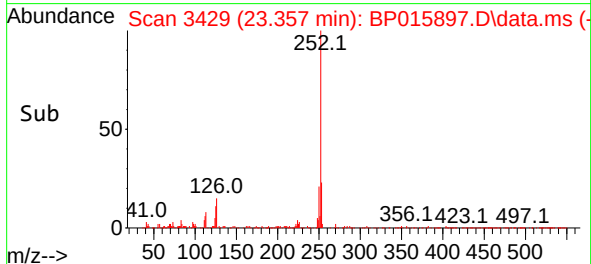
Instrument :
BNA_P
ClientSampleId :
DCGB6



Tgt Ion:252 Resp: 91778
Ion Ratio Lower Upper
252 100
253 26.7 17.0 25.4
125 17.4 7.3 10.9

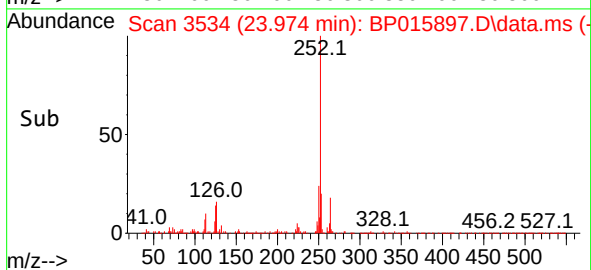
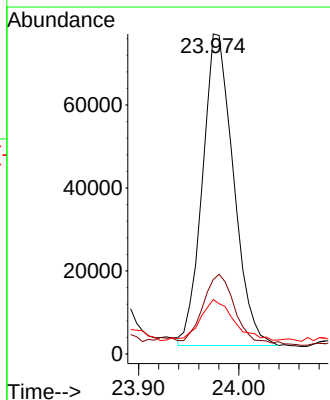
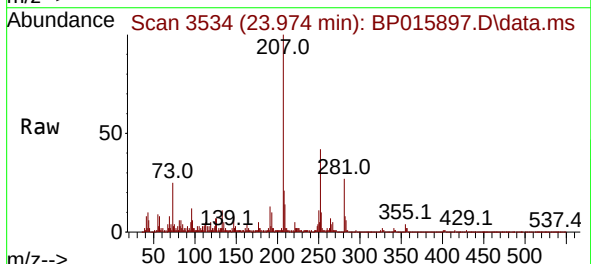
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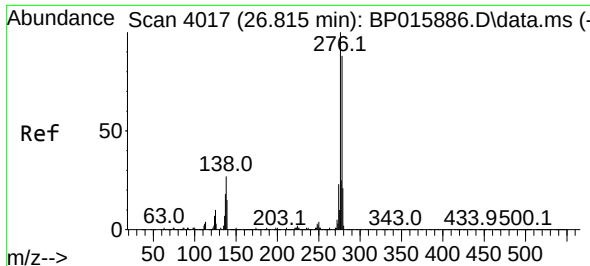
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#93
Benzo(a)pyrene
Concen: 2.664 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.023 min
Lab File: BP015897.D
Acq: 01 Jul 2023 22:45

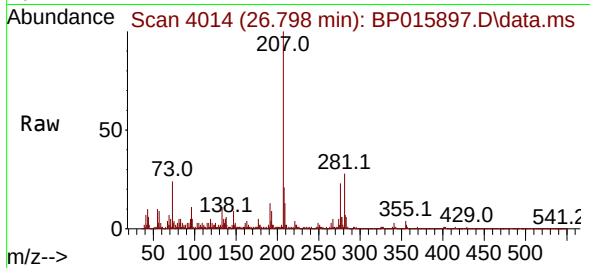
Tgt Ion:252 Resp: 161382
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 17.0 8.2 12.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.746 ng/ul
 RT: 26.798 min Scan# 4014
 Delta R.T. -0.018 min
 Lab File: BP015897.D
 Acq: 01 Jul 2023 22:45

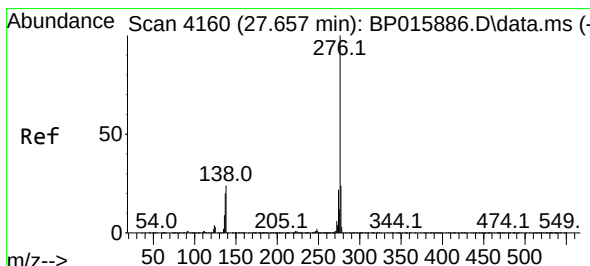
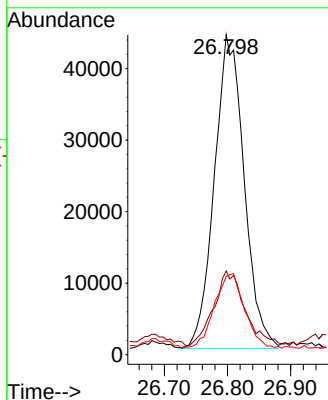
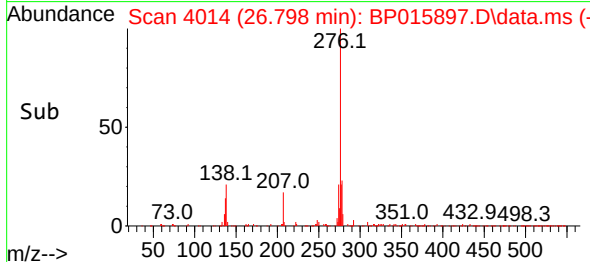
Instrument :
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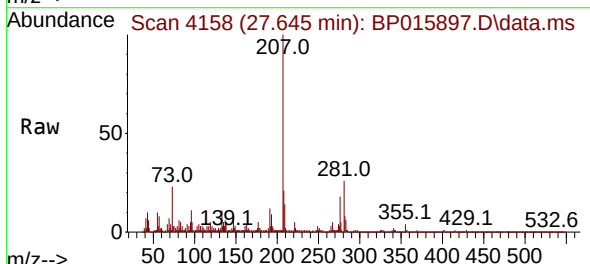
Tgt Ion:276 Resp: 14354
 Ion Ratio Lower Upper
 276 100
 138 26.2 15.7 23.5
 277 24.4 19.6 29.4

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 Supervised By :Sohil Jodhani 07/02/2023



#96
 Benzo(g,h,i)perylene
 Concen: 2.020 ng/ul
 RT: 27.645 min Scan# 4158
 Delta R.T. -0.012 min
 Lab File: BP015897.D
 Acq: 01 Jul 2023 22:45



Tgt Ion:276 Resp: 136636
 Ion Ratio Lower Upper
 276 100
 138 27.7 15.1 22.7#
 277 24.9 18.8 28.2

