

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015894.D
 Acq On : 01 Jul 2023 21:03
 Operator : MA/JU
 Sample : 03242-10
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB1

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 03:31:50 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	8.046	152	311701	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1288991	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	659491	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1108069	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	957598	20.000	ng/u1	# 0.00
88) Perylene-d12	24.098	264	1130076	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	29108	3.360	ng/uL	0.00
4) Pyridine-d5	3.828	84	212521	9.731	ng/u1	0.01
7) Phenol-d5	7.234	99	553506	20.754	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	375427	22.753	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	442223	21.966	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	340949	16.183	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	218298	22.160	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	241033	20.964	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	393110	19.187	ng/u1	0.02
31) 4-Chloroaniline-d4	11.081	131	63531	2.414	ng/u1	0.04
46) Dimethylphthalate-d6	14.110	166	1304580	25.593	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1423650	24.845	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	109087m	16.217	ng/u1	0.03
60) Fluorene-d10	15.698	176	994277	23.689	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	71651	10.514	ng/u1	0.00
73) Anthracene-d10	17.563	188	1167512	23.067	ng/u1	0.00
81) Pyrene-d10	19.792	212	1394423	22.300	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1418319	24.880	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	87192	1.448	ng/u1	98
80) Fluoranthene	19.469	202	225231	2.898	ng/u1#	92
82) Pyrene	19.822	202	197897	2.496	ng/u1#	90
85) Benzo(a)anthracene	21.539	228	114871m	1.705	ng/u1	
87) Chrysene	21.592	228	142379	2.228	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	232421	3.201	ng/u1#	61
93) Benzo(a)pyrene	23.980	252	142336	2.243	ng/u1#	82
94) Indeno(1,2,3-cd)pyrene	26.809	276	123488	1.434	ng/u1#	92
96) Benzo(g,h,i)perylene	27.656	276	122515	1.729	ng/u1#	84

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

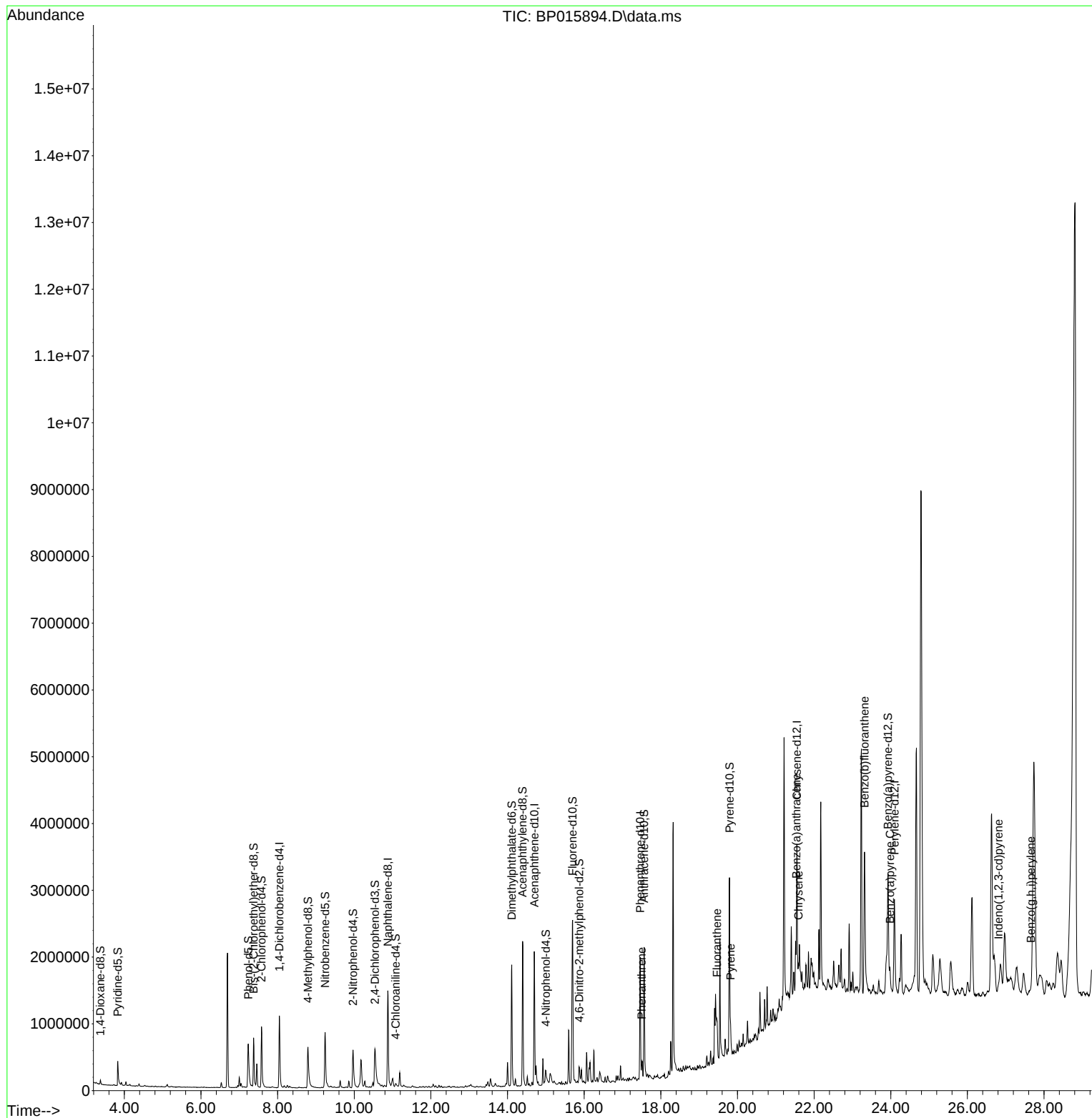
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015894.D
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ALS Vial : 62 Sample Multiplier: 1

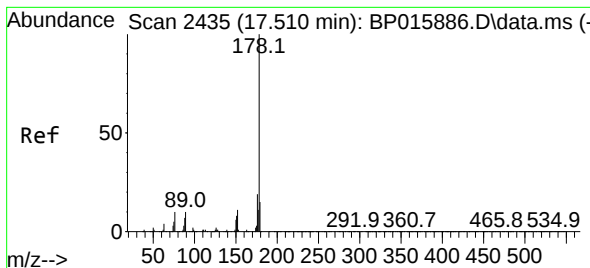
Instrument :
BNA_P
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 02:29:46 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.448 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP015894.D

Acq: 01 Jul 2023 21:03

Instrument :

BNA_P

ClientSampleId :

DCGB1

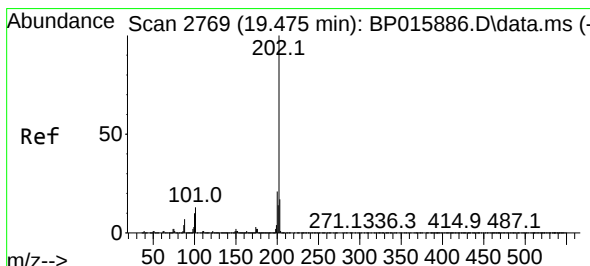
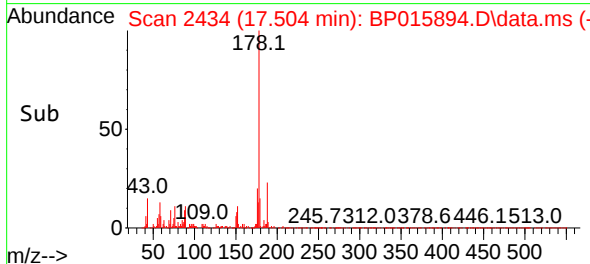
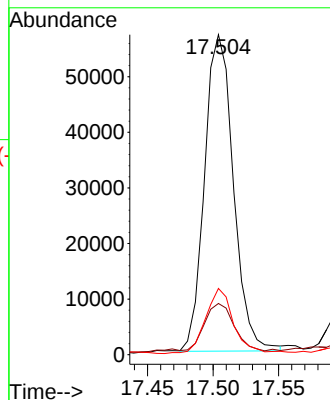
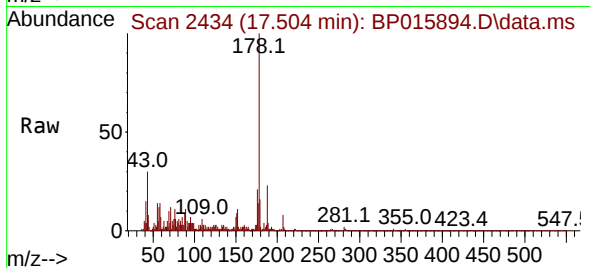
Tgt Ion:178	Resp:	87192
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.4 18.6
176	20.7	15.6 23.4

Manual Integrations

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#80

Fluoranthene

Concen: 2.898 ng/ul

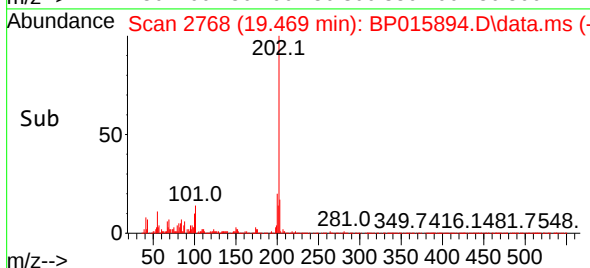
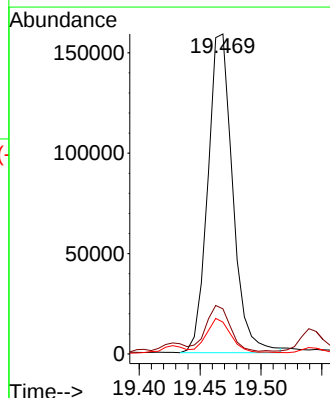
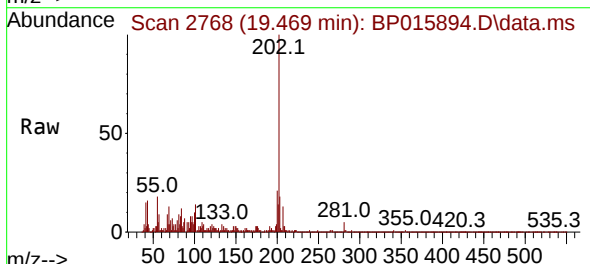
RT: 19.469 min Scan# 2768

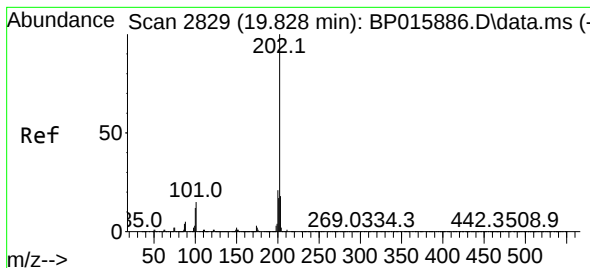
Delta R.T. -0.006 min

Lab File: BP015894.D

Acq: 01 Jul 2023 21:03

Tgt Ion:202	Resp:	225231
Ion Ratio	Lower	Upper
202	100	
101	14.1	8.3 12.5#
100	9.9	6.6 9.8#





#82

Pyrene

Concen: 2.496 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015894.D

Acq: 01 Jul 2023 21:03

Instrument :

BNA_P

ClientSampleId :

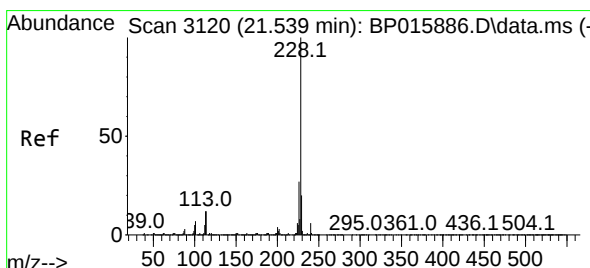
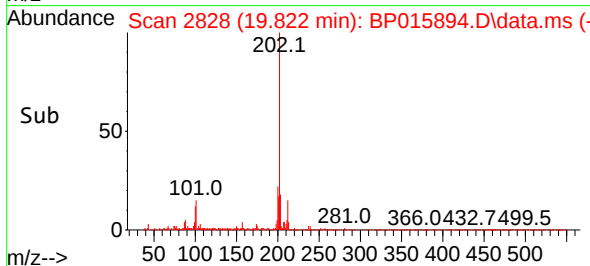
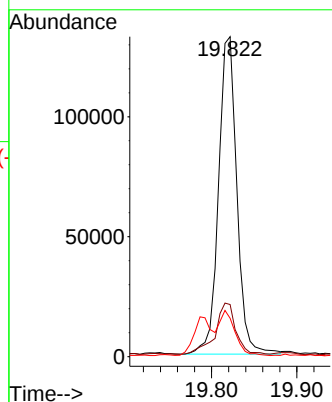
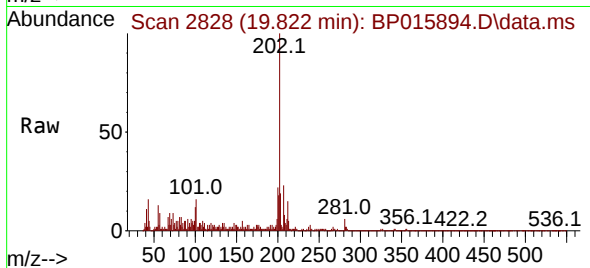
DCGB1

Tgt Ion:	202	Resp:	19789
Ion Ratio	Lower	Upper	
202	100		
101	16.3	9.3	13.9
100	12.0	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 1.705 ng/ul m

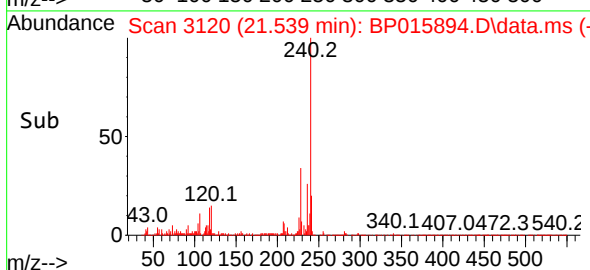
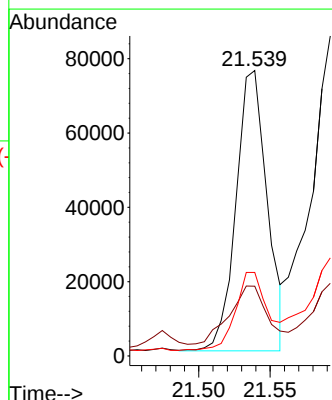
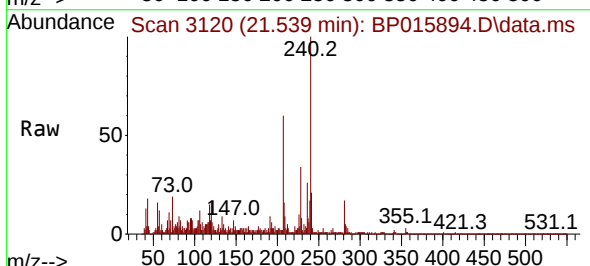
RT: 21.539 min Scan# 3120

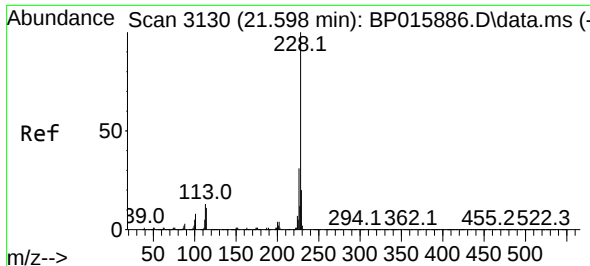
Delta R.T. -0.000 min

Lab File: BP015894.D

Acq: 01 Jul 2023 21:03

Tgt Ion:	228	Resp:	114871
Ion Ratio	Lower	Upper	
228	100		
229	24.4	15.3	22.9
226	29.3	21.4	32.0





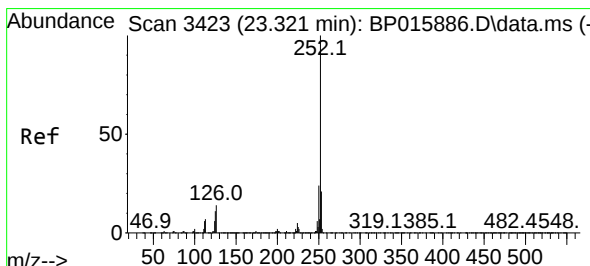
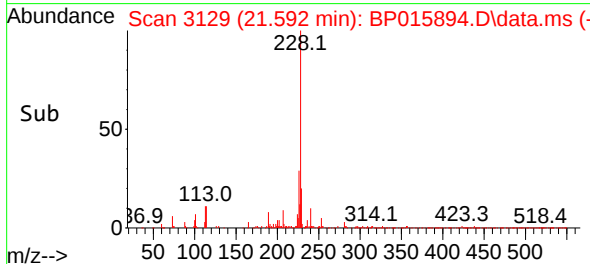
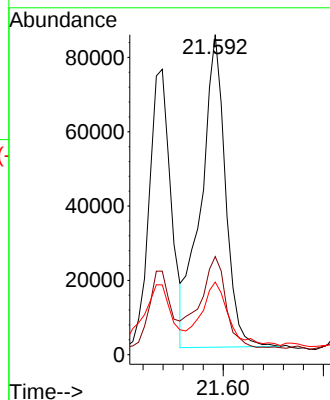
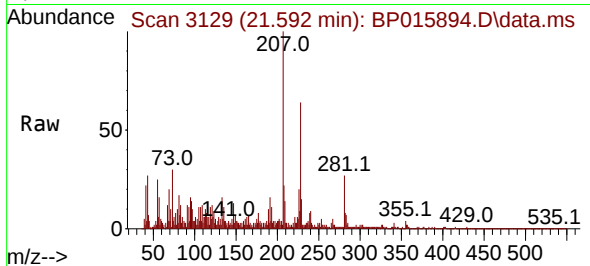
#87
Chrysene
Concen: 2.228 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP015894.D
Acq: 01 Jul 2023 21:03

Instrument :
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Tgt Ion:228 Resp: 142379
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.7 15.5 23.3

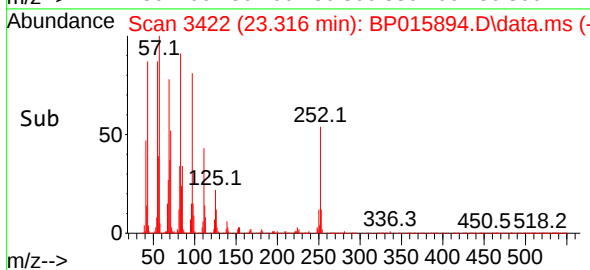
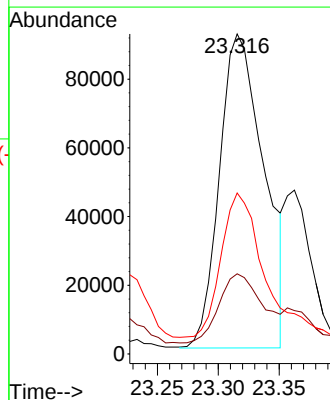
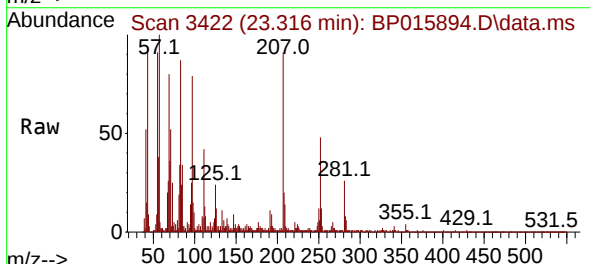
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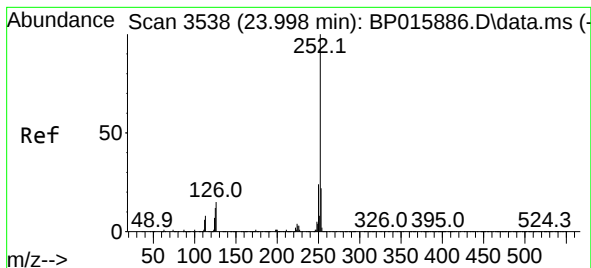
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#90
Benzo(b)fluoranthene
Concen: 3.201 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. -0.006 min
Lab File: BP015894.D
Acq: 01 Jul 2023 21:03

Tgt Ion:252 Resp: 232421
Ion Ratio Lower Upper
252 100
253 25.1 17.3 25.9
125 50.3 7.5 11.3





#93

Benzo(a)pyrene

Concen: 2.243 ng/ul

RT: 23.980 min Scan# 3538

Delta R.T. -0.018 min

Lab File: BP015894.D

Acq: 01 Jul 2023 21:03

Instrument :

BNA_P

ClientSampleId :

DCGB1

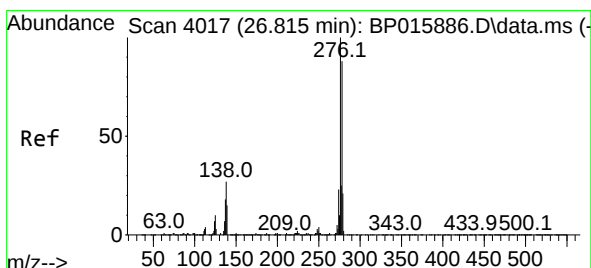
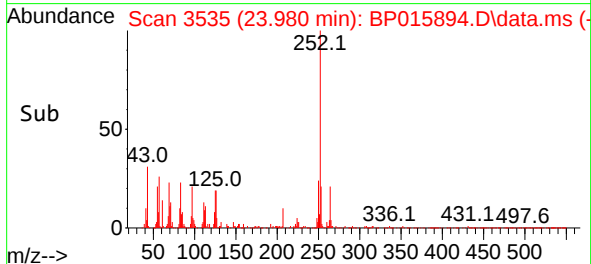
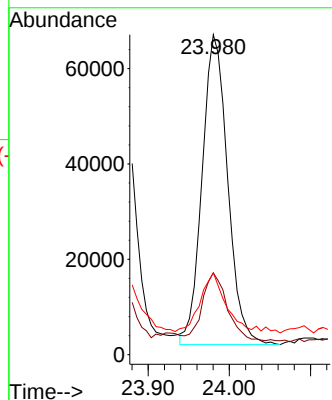
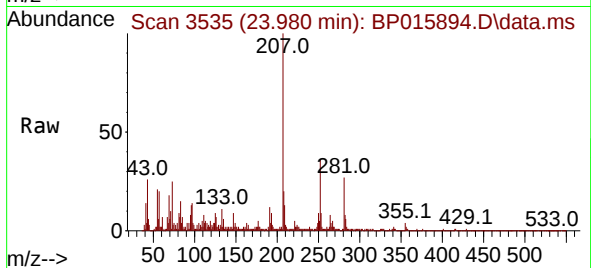
Tgt Ion:	252	Resp:	142330
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.7	26.5
125	25.6	8.2	12.2

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.434 ng/ul

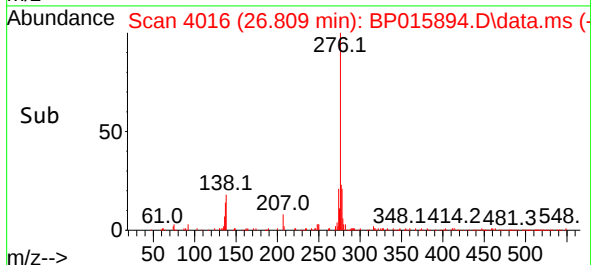
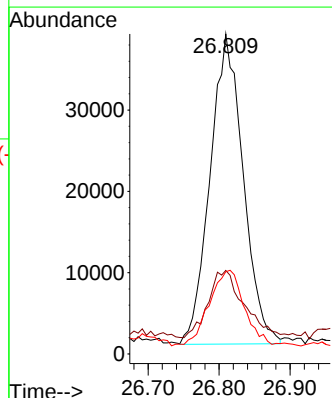
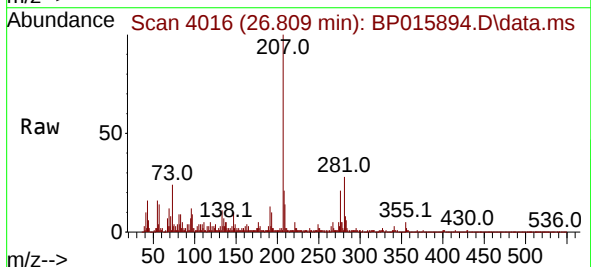
RT: 26.809 min Scan# 4016

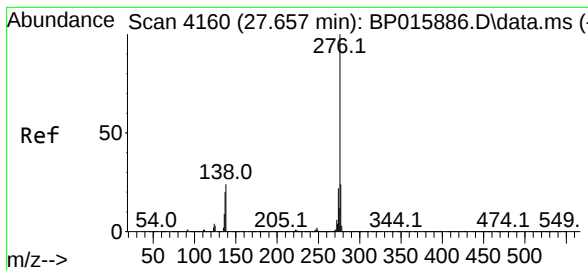
Delta R.T. -0.006 min

Lab File: BP015894.D

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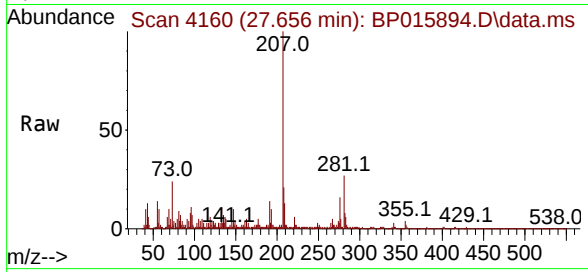
Tgt Ion:	276	Resp:	123488
Ion Ratio	Lower	Upper	
276	100		
138	26.1	15.7	23.5
277	25.7	19.6	29.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.729 ng/ul
 RT: 27.656 min Scan# 4160
 Delta R.T. -0.000 min
 Lab File: BP015894.D
 Acq: 01 Jul 2023 21:03

Instrument :
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Tgt Ion: 276 Resp: 122515

Ion	Ratio	Lower	Upper
276	100		
138	29.7	15.1	22.7
277	28.2	18.8	28.2

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