

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015698.D
 Acq On : 24 Jun 2023 07:16
 Operator : MA/JU
 Sample : 03085-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 22:57:12 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	152439	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	588270	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	343834	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	705725	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	666808	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	799746	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	9226m	2.241	ng/uL	0.00
4) Pyridine-d5	3.846	84	65077	6.086	ng/u1	0.00
7) Phenol-d5	7.246	99	165374	11.776	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	112755	13.444	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	144676	14.209	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	124546	10.806	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	67173	14.544	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	75200	14.258	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	119928	12.465	ng/u1	0.01
31) 4-Chloroaniline-d4	11.069	131	123104	8.914	ng/u1	0.02
46) Dimethylphthalate-d6	14.134	166	413334	15.245	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	474378	16.001	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	30809m	6.345	ng/u1	0.05
60) Fluorene-d10	15.728	176	344270	15.057	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	39315	8.794	ng/u1	0.01
73) Anthracene-d10	17.592	188	492888	15.350	ng/u1	0.00
81) Pyrene-d10	19.816	212	632015	17.709	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	648559	16.162	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.533	178	67112	1.772	ng/u1	98
80) Fluoranthene	19.492	202	179759	4.135	ng/u1	98
82) Pyrene	19.845	202	112972	2.512	ng/u1	100
87) Chrysene	21.621	228	64701	1.468	ng/u1	97
90) Benzo(b)fluoranthene	23.351	252	72109	1.397	ng/u1#	90

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

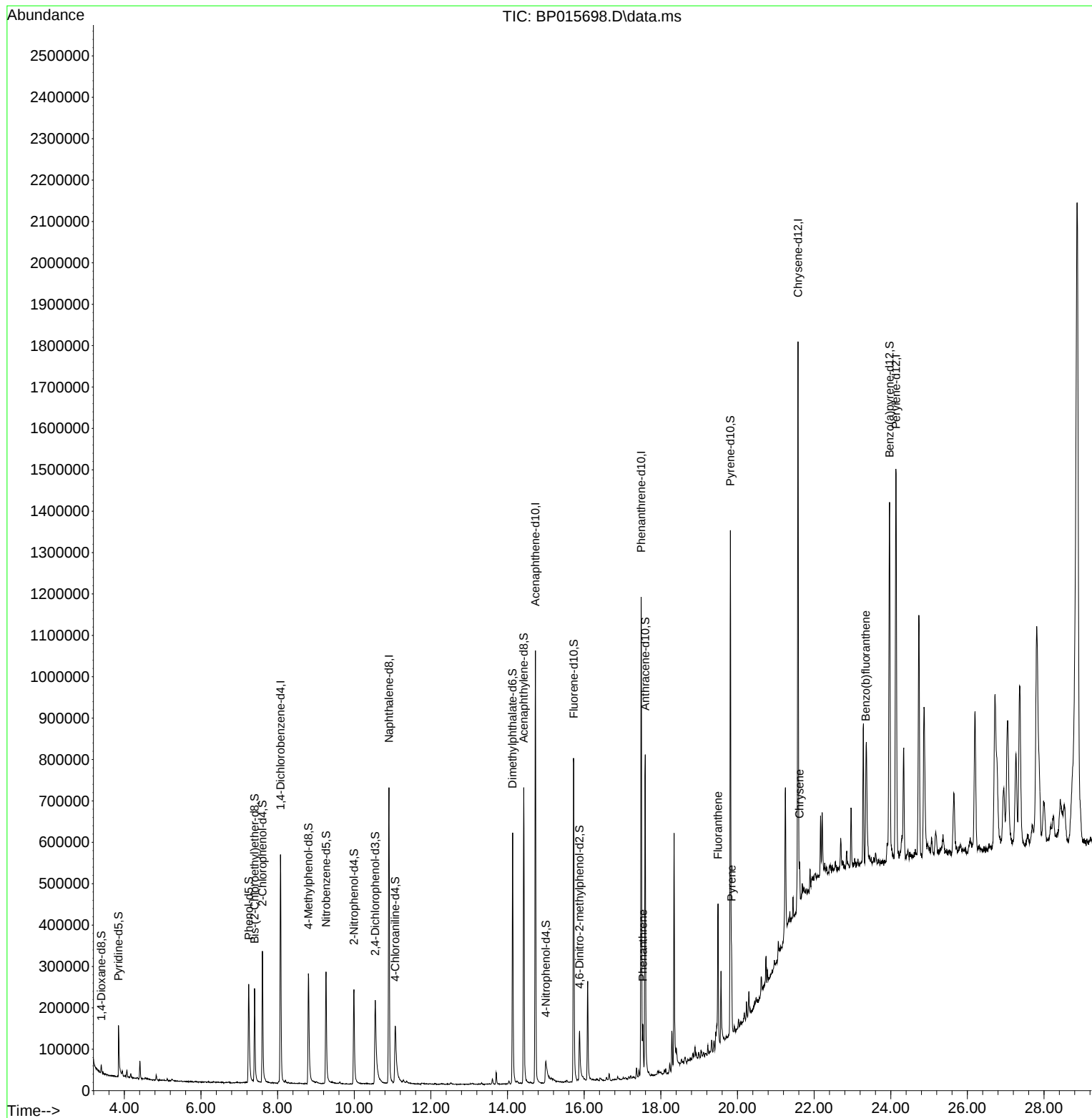
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
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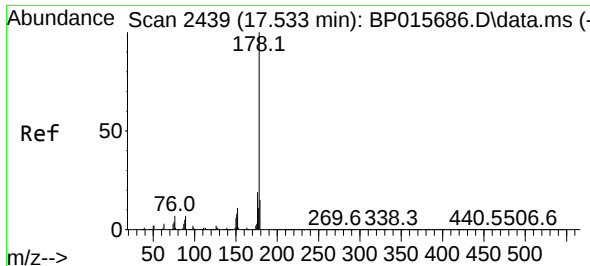
Instrument :
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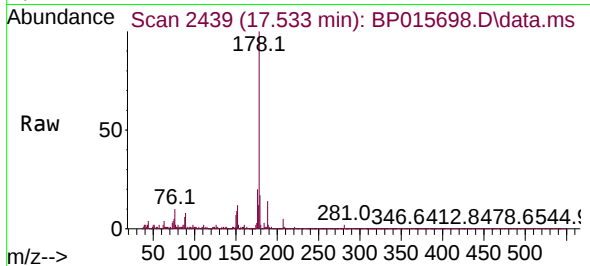
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023





#72
Phenanthrene
Concen: 1.772 ng/ul
RT: 17.533 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015698.D
Acq: 24 Jun 2023 07:16

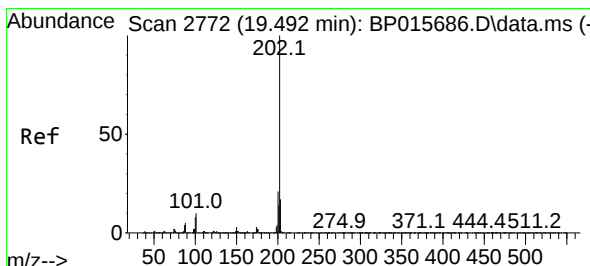
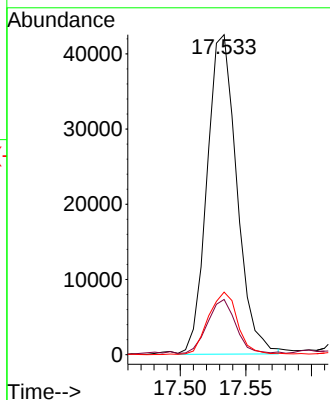
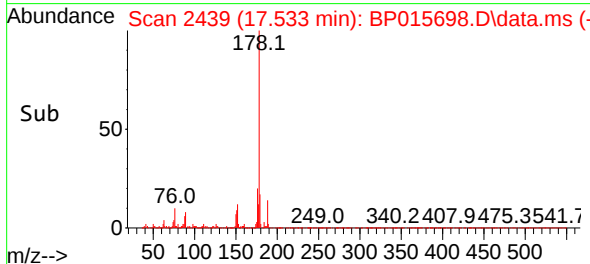
Instrument :
BNA_P
ClientSampleId :
DCFQ1



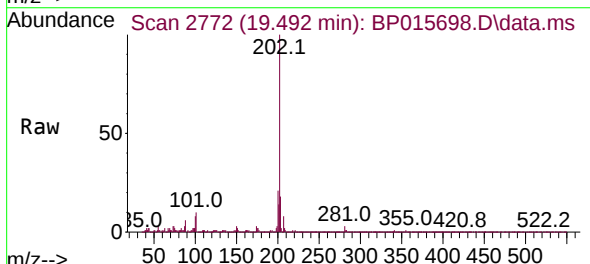
Tgt Ion:178 Resp: 67112
Ion Ratio Lower Upper
178 100
179 17.3 12.3 18.5
176 19.6 15.4 23.0

Manual Integrations
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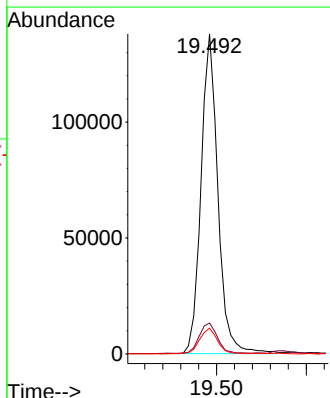
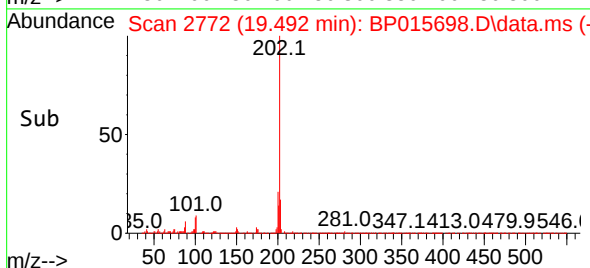
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

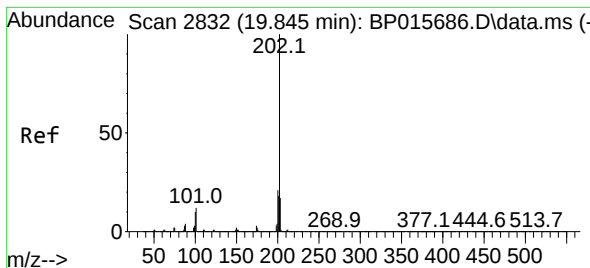


#80
Fluoranthene
Concen: 4.135 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015698.D
Acq: 24 Jun 2023 07:16



Tgt Ion:202 Resp: 179759
Ion Ratio Lower Upper
202 100
101 9.6 8.6 13.0
100 8.1 6.6 9.8





#82

Pyrene

Concen: 2.512 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015698.D

Acq: 24 Jun 2023 07:16

Instrument :

BNP_P

ClientSampleId :

DCFQ1

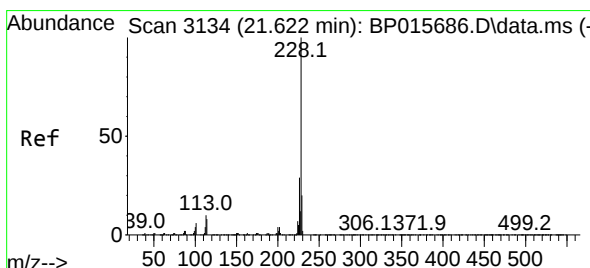
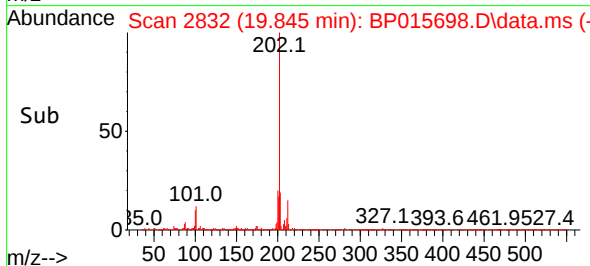
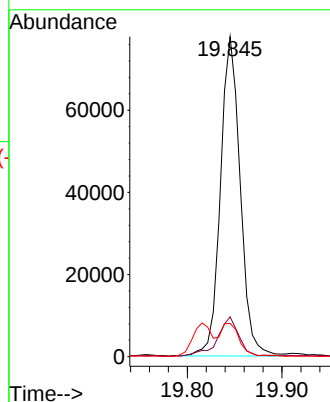
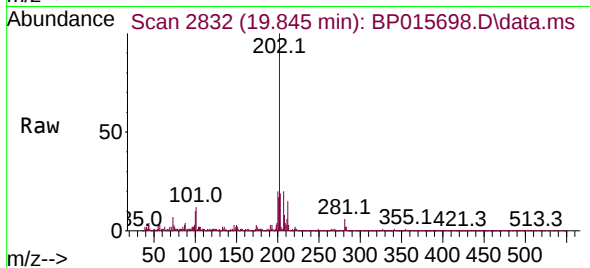
Tgt Ion:	202	Resp:	11297
Ion Ratio	Lower	Upper	
202	100		
101	12.5	9.9	14.9
100	10.4	8.4	12.6

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#87

Chrysene

Concen: 1.468 ng/ul

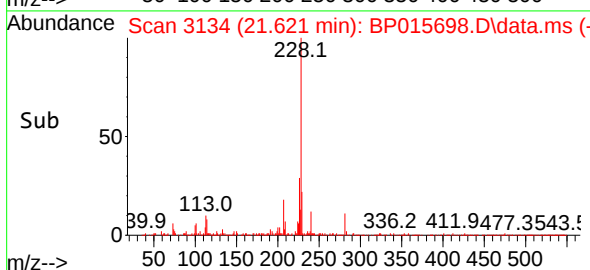
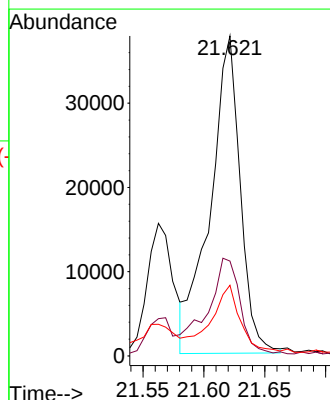
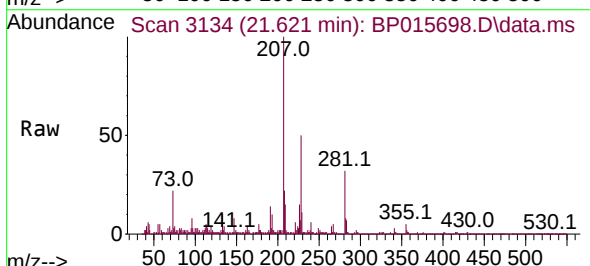
RT: 21.621 min Scan# 3134

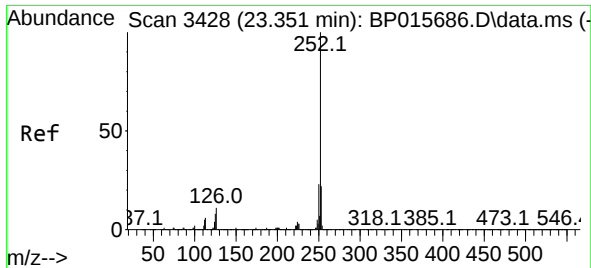
Delta R.T. 0.000 min

Lab File: BP015698.D

Acq: 24 Jun 2023 07:16

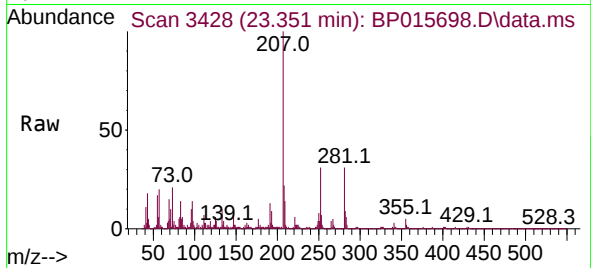
Tgt Ion:	228	Resp:	64701
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.9	35.9
229	22.1	15.1	22.7





#90
Benzo(b)fluoranthene
Concen: 1.397 ng/ul
RT: 23.351 min Scan# 3428
Delta R.T. 0.006 min
Lab File: BP015698.D
Acq: 24 Jun 2023 07:16

Instrument :
BNA_P
ClientSampleId :
DCFQ1



Tgt Ion:252 Resp: 72109
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 20.0 7.3 10.9

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