

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015552.D
 Acq On : 15 Jun 2023 13:03
 Operator : MA/JU
 Sample : 03088-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFR4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 22:40:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	155208	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	695195	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	456682	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	1019455	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	913210	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	916014	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	5335	1.273	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	103876	7.265	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	69350	8.121	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	89044	8.589	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	66337	5.653	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	43834	8.031	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	49516	7.944	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	87437	7.690	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	14897m	0.913	ng/u1	0.02
46) Dimethylphthalate-d6	14.134	166	337831	9.381	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	359456	9.128	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	24601m	3.815	ng/u1	0.03
60) Fluorene-d10	15.722	176	289449	9.531	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	36559	5.661	ng/u1	0.00
73) Anthracene-d10	17.586	188	402361	8.675	ng/u1	0.00
81) Pyrene-d10	19.810	212	470939	9.635	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	300949	6.548	ng/u1	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.486	202	140663	2.363	ng/u1#	77
82) Pyrene	19.839	202	105818	1.718	ng/u1	97
85) Benzo(a)anthracene	21.551	228	69577	1.090	ng/u1	97
87) Chrysene	21.610	228	86391	1.432	ng/u1	96
90) Benzo(b)fluoranthene	23.333	252	132609	2.243	ng/u1#	89

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

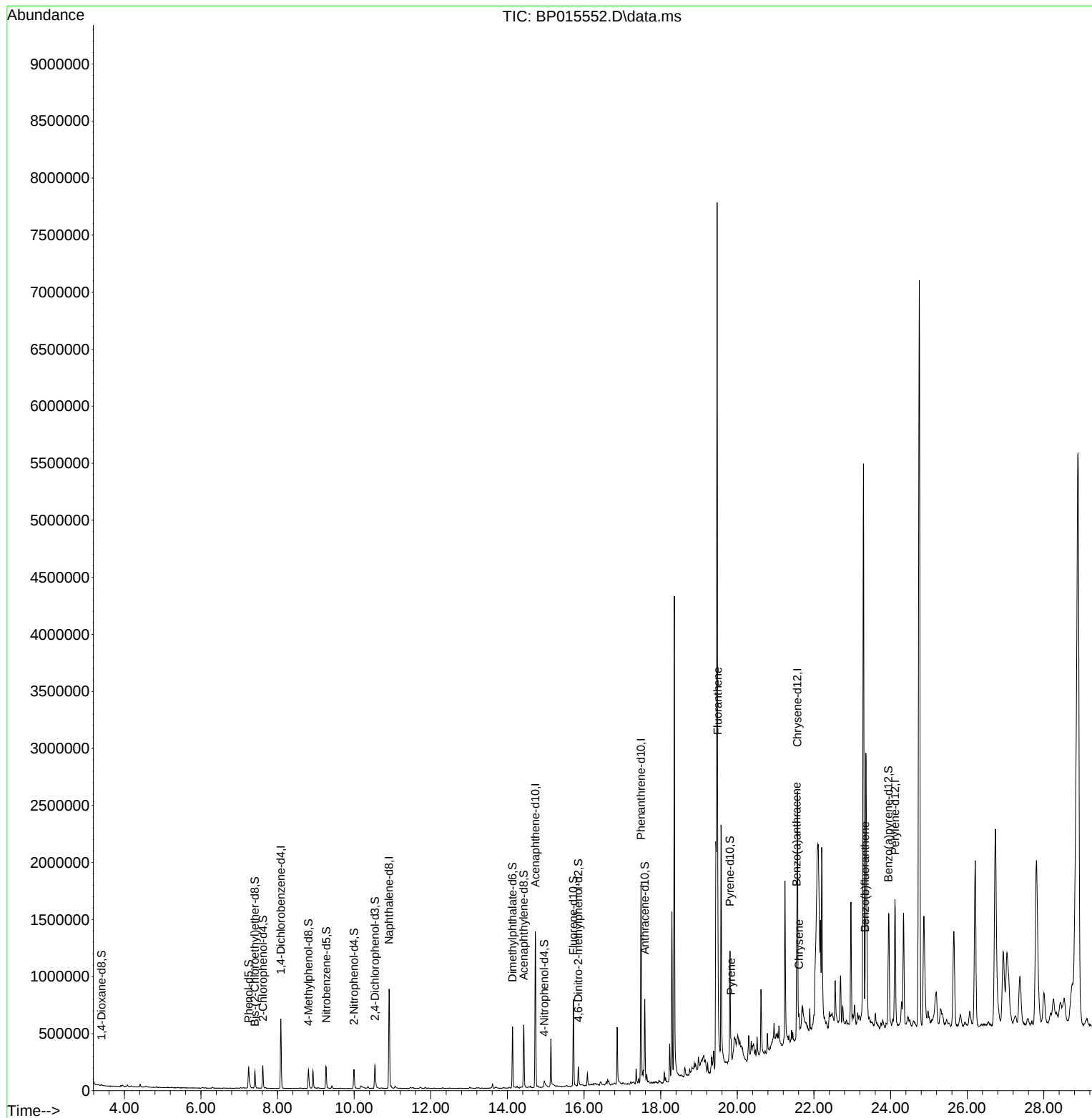
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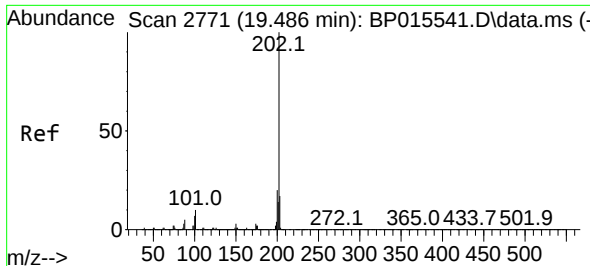
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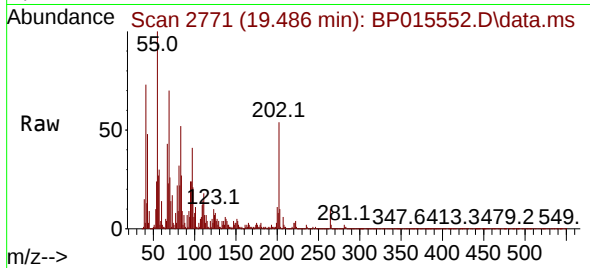
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023





#80
Fluoranthene
Concen: 2.363 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BP015552.D
Acq: 15 Jun 2023 13:03

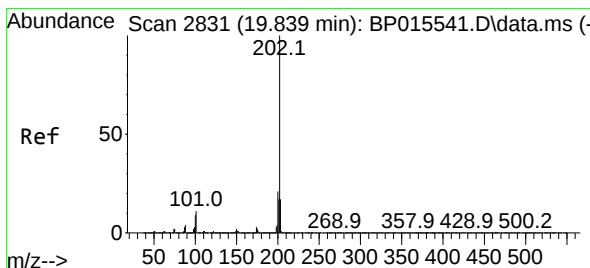
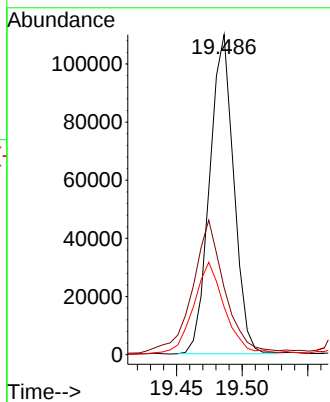
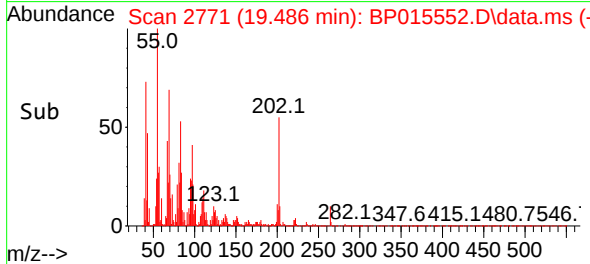
Instrument :
BNA_P
ClientSampleId :
DCFR4



Tgt Ion:202 Resp: 14066
Ion Ratio Lower Upper
202 100
101 21.0 8.6 13.0
100 14.9 6.6 9.8

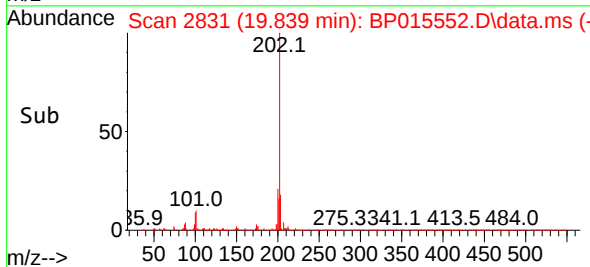
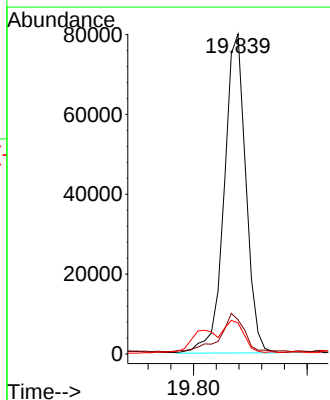
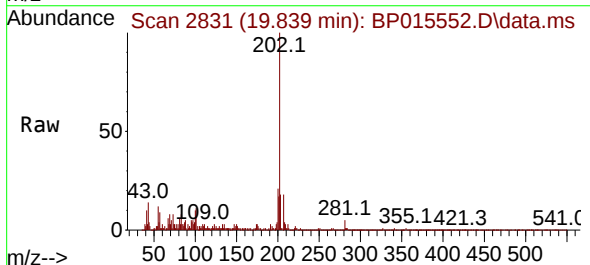
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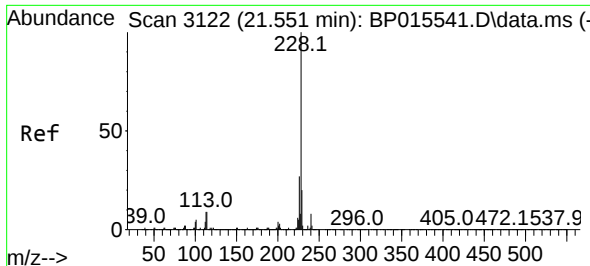
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#82
Pyrene
Concen: 1.718 ng/ul
RT: 19.839 min Scan# 2831
Delta R.T. -0.000 min
Lab File: BP015552.D
Acq: 15 Jun 2023 13:03

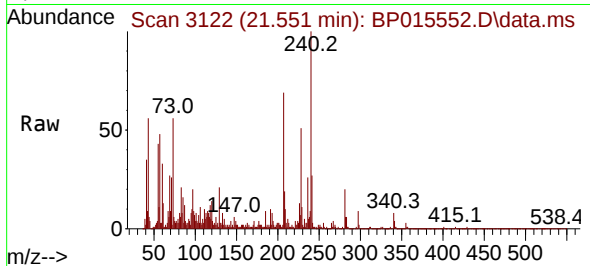
Tgt Ion:202 Resp: 105818
Ion Ratio Lower Upper
202 100
101 10.7 9.9 14.9
100 9.7 8.4 12.6





#85
Benzo(a)anthracene
Concen: 1.090 ng/u1
RT: 21.551 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP015552.D
Acq: 15 Jun 2023 13:03

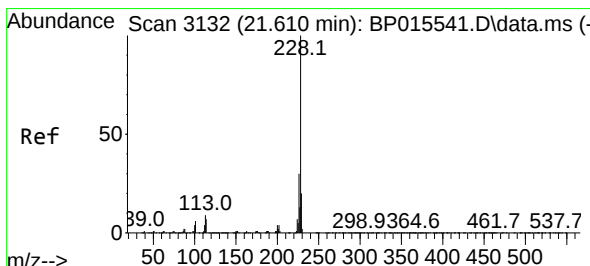
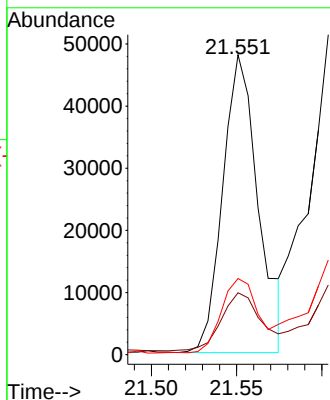
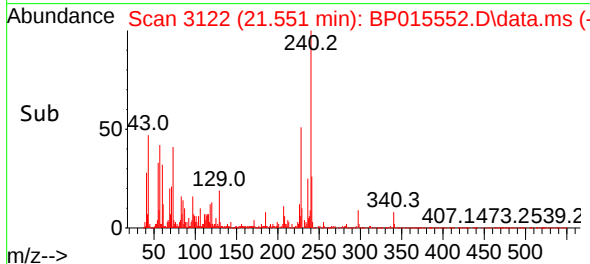
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Tgt Ion:228 Resp: 6957
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 25.4 21.8 32.6

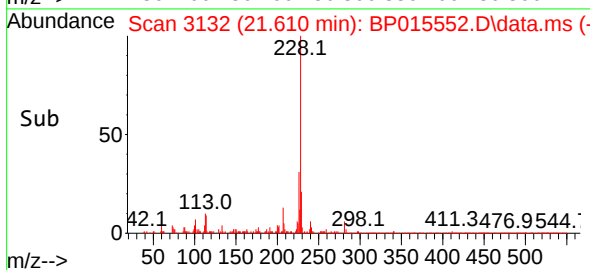
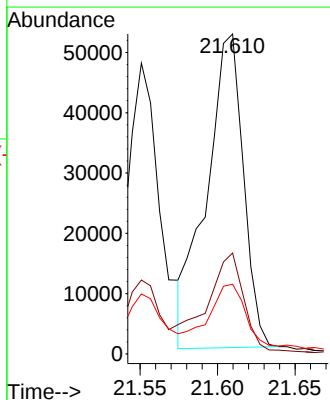
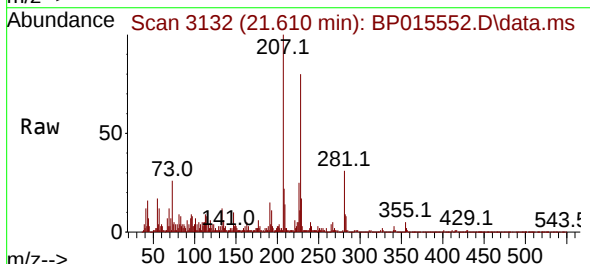
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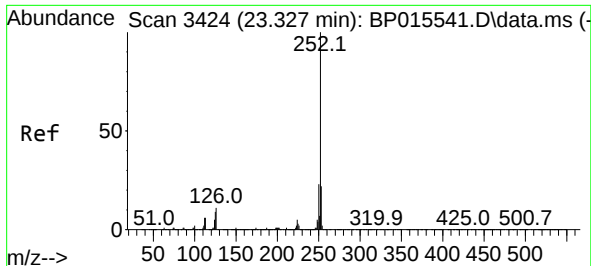
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#87
Chrysene
Concen: 1.432 ng/u1
RT: 21.610 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BP015552.D
Acq: 15 Jun 2023 13:03

Tgt Ion:228 Resp: 86391
Ion Ratio Lower Upper
228 100
226 31.6 23.9 35.9
229 21.8 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 2.243 ng/ul

RT: 23.333 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP015552.D

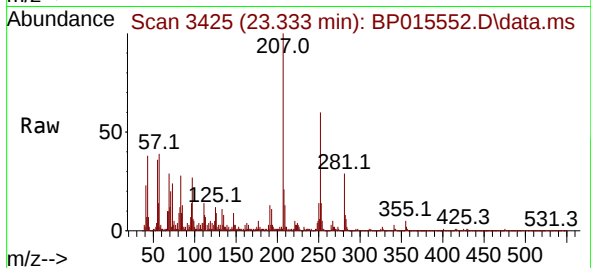
Acq: 15 Jun 2023 13:03

Instrument :

BNA_P

ClientSampleId :

DCFR4



Tgt Ion:252 Resp: 132609

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

125 19.6 7.3 10.9

Manual Integrations

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