

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015858.D
 Acq On : 30 Jun 2023 23:04
 Operator : MA/JU
 Sample : 03239-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFZ4

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 00:40:22 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	263024	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1174657	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	702897	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1425821	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	934172	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	969691	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	21478	2.938	ng/uL	0.00
4) Pyridine-d5	3.834	84	135350	7.345	ng/ul	0.01
7) Phenol-d5	7.240	99	387418	17.215	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	278907	20.032	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	327197	19.260	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	183209	10.305	ng/ul	0.02
21) Nitrobenzene-d5	9.246	128	160415	17.869	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	172594	16.473	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.552	165	279740	14.983	ng/ul	0.04
31) 4-Chloroaniline-d4	11.075	131	175255	7.307	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	1077820	19.839	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1212517	19.854	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	95218m	13.281	ng/ul	0.05
60) Fluorene-d10	15.704	176	899154	20.100	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	86494	9.864	ng/ul	0.02
73) Anthracene-d10	17.569	188	1223542	18.787	ng/ul	0.00
81) Pyrene-d10	19.792	212	1358394	22.269	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	986511	20.168	ng/ul	-0.01
Target Compounds						
					Qvalue	
80) Fluoranthene	19.469	202	91771	1.211	ng/ul#	89
82) Pyrene	19.822	202	80030	1.035	ng/ul#	86
90) Benzo(b)fluoranthene	23.316	252	76538	1.228	ng/ul#	30

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

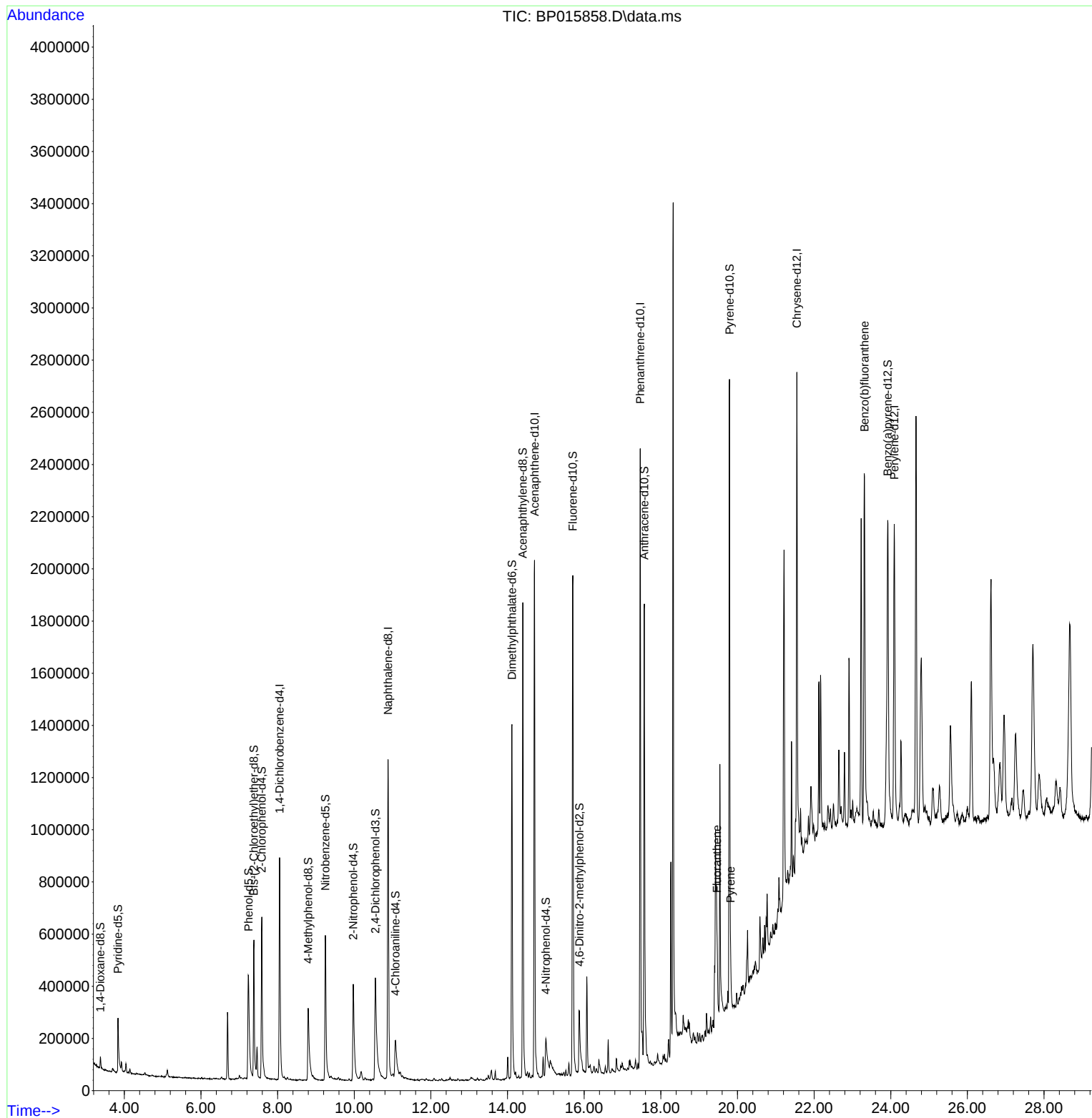
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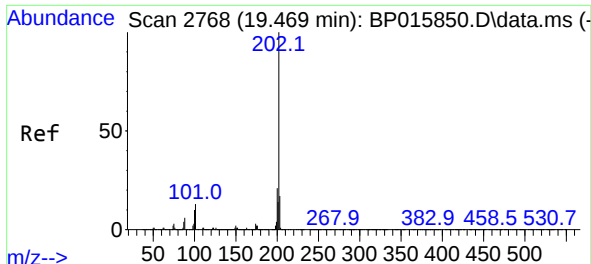
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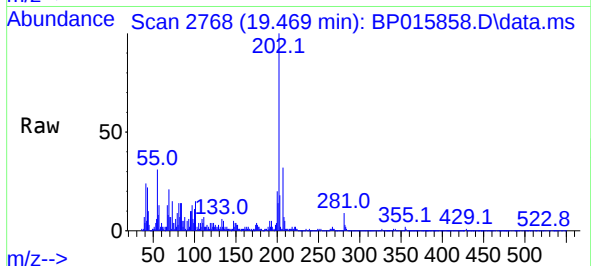
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023





#80
Fluoranthene
Concen: 1.211 ng/ul
RT: 19.469 min Scan# 2768
Delta R.T. 0.000 min
Lab File: BP015858.D
Acq: 30 Jun 2023 23:04

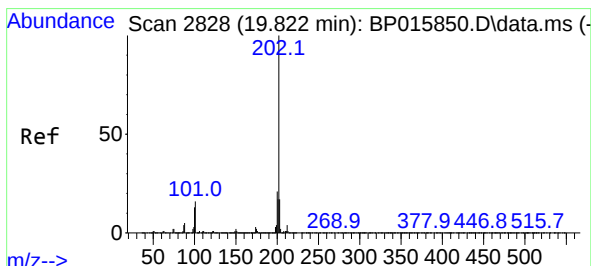
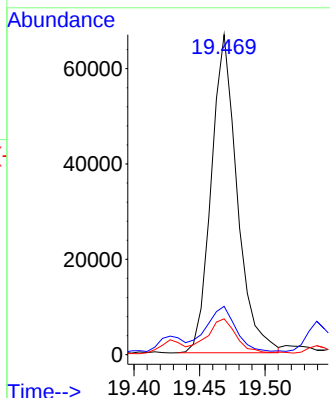
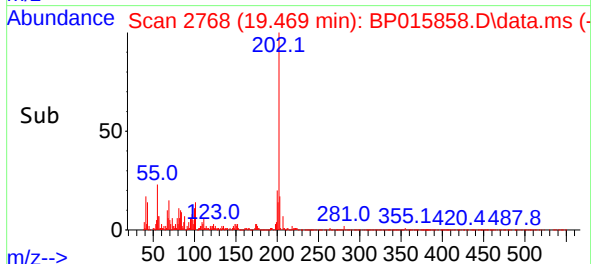
Instrument :
BNA_P
ClientSampleId :
DCFZ4



Tgt Ion:202 Resp: 9177
Ion Ratio Lower Upper
202 100
101 15.1 8.3 12.5
100 11.2 6.6 9.8

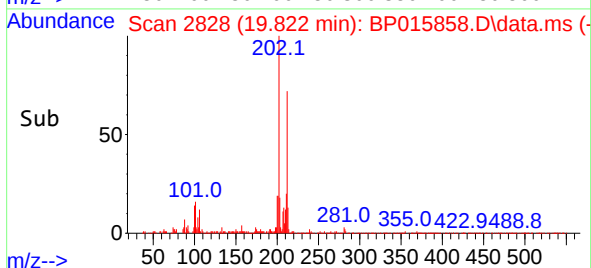
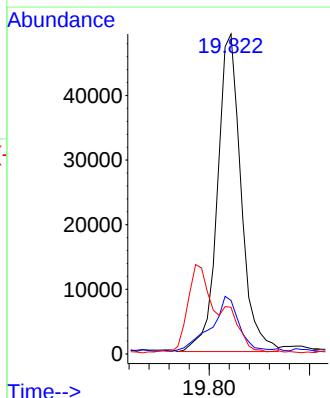
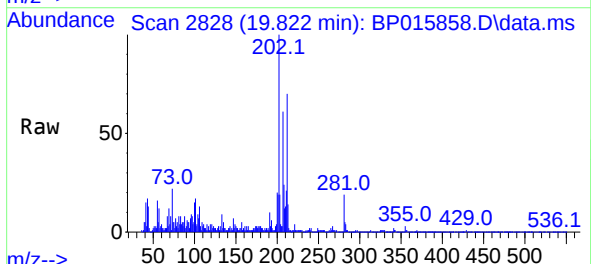
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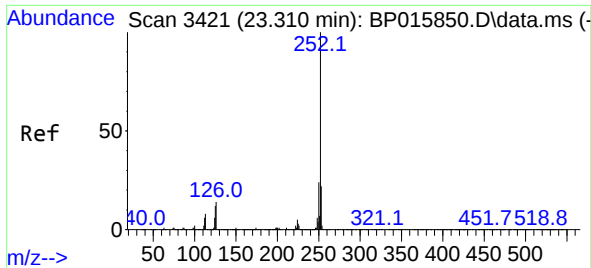
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#82
Pyrene
Concen: 1.035 ng/ul
RT: 19.822 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP015858.D
Acq: 30 Jun 2023 23:04

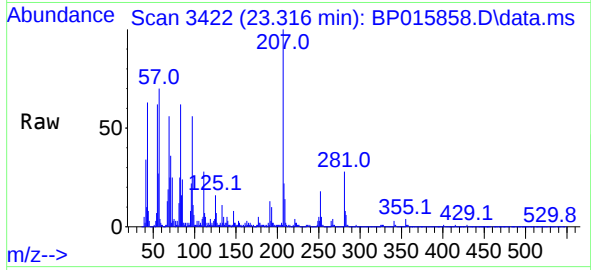
Tgt Ion:202 Resp: 80030
Ion Ratio Lower Upper
202 100
101 16.8 9.3 13.9#
100 14.6 7.6 11.4#





#90
Benzo(b)fluoranthene
Concen: 1.228 ng/ul
RT: 23.316 min Scan# 3421
Delta R.T. 0.000 min
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Acq: 30 Jun 2023 23:04

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Tgt Ion:252 Resp: 76538
Ion Ratio Lower Upper
252 100
253 26.0 17.3 25.9
125 85.8 7.5 11.3

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