

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015753.D
 Acq On : 27 Jun 2023 18:37
 Operator : MA/JU
 Sample : 03085-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ4

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 22:57:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	110724	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	410460	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	234661	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	498454	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	532237	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	643625	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	2406	0.782	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	103765	10.953	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.393	67	67970	11.597	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	85036	11.891	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	67826	9.063	ng/u1	0.02
21) Nitrobenzene-d5	9.263	128	37992	12.111	ng/u1	0.02
24) 2-Nitrophenol-d4	9.993	143	43440	11.865	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	65608	10.056	ng/u1	0.04
31) 4-Chloroaniline-d4	11.081	131	79829m	9.525	ng/u1	0.04
46) Dimethylphthalate-d6	14.128	166	237693	13.105	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	274694	13.473	ng/u1	0.00
54) 4-Nitrophenol-d4	15.022	143	19820m	8.281	ng/u1	0.08
60) Fluorene-d10	15.716	176	204341	13.683	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.887	200	22582m	7.367	ng/u1	0.03
73) Anthracene-d10	17.581	188	311843	13.696	ng/u1	0.00
81) Pyrene-d10	19.804	212	405349	11.663	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	450719	13.882	ng/u1	0.00
Target Compounds						
80) Fluoranthene	19.481	202	58926	1.364	ng/u1	99
82) Pyrene	19.833	202	49147	1.115	ng/u1#	96
87) Chrysene	21.604	228	35909m	1.011	ng/u1	
90) Benzo(b)fluoranthene	23.333	252	60464	1.462	ng/u1#	80

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

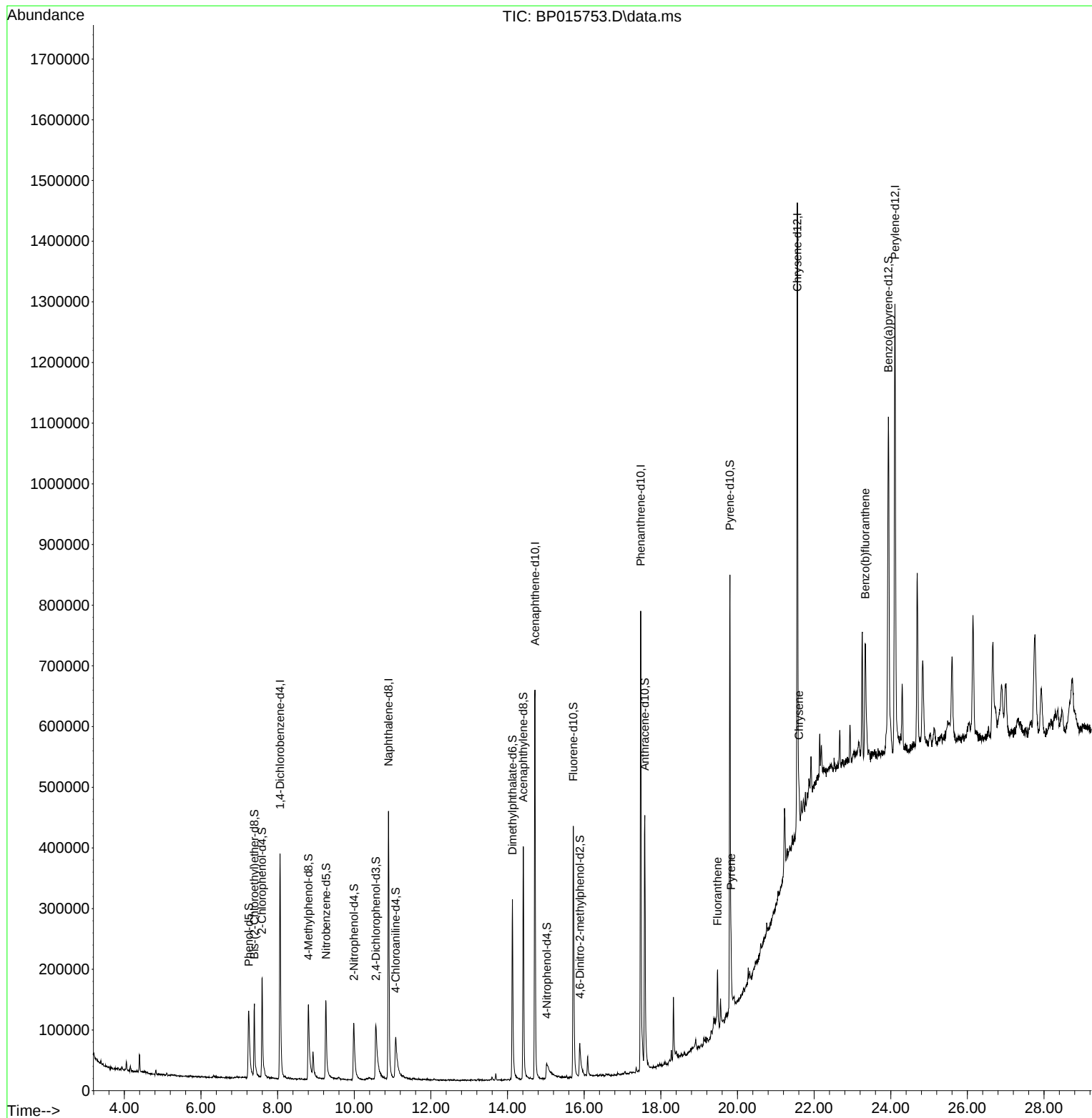
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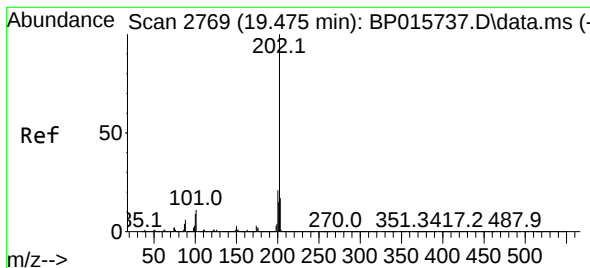
Instrument :
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#80

Fluoranthene

Concen: 1.364 ng/ul

RT: 19.481 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015753.D

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Instrument :

BNA_P

ClientSampleId :

DCFQ4

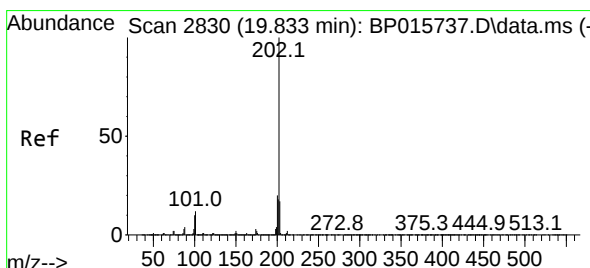
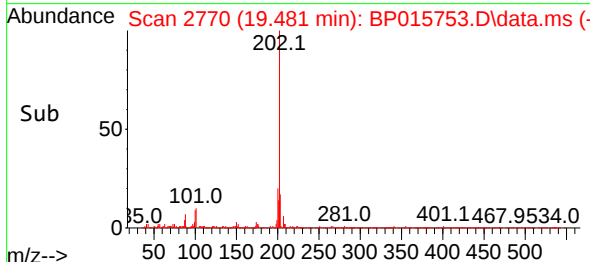
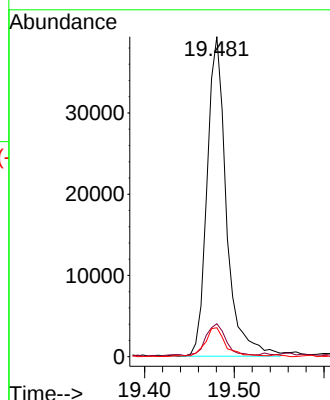
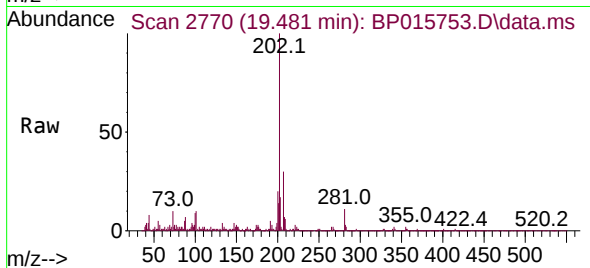
Tgt Ion:	202	Resp:	58920
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.3	12.5
100	9.0	6.6	9.8

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#82

Pyrene

Concen: 1.115 ng/ul

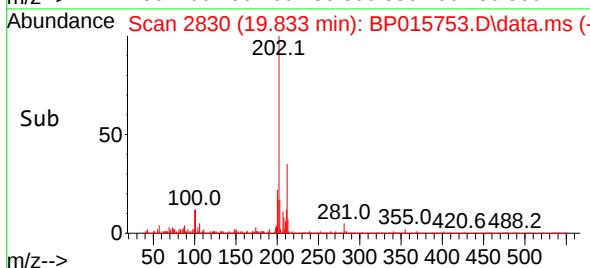
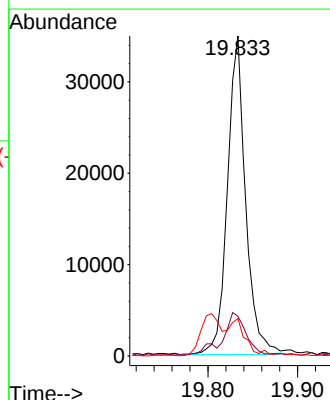
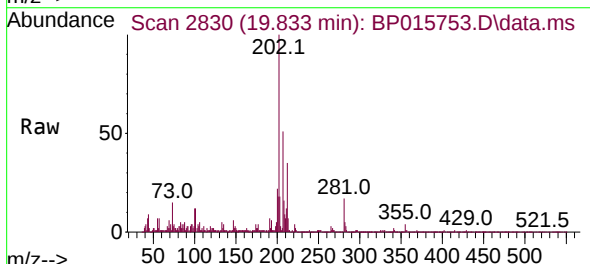
RT: 19.833 min Scan# 2830

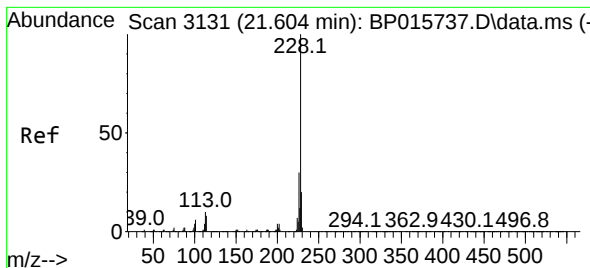
Delta R.T. 0.000 min

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Tgt Ion:	202	Resp:	49147
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.3	13.9
100	11.7	7.6	11.4





#87

Chrysene

Concen: 1.011 ng/ul m

RT: 21.604 min Scan# 3131

Delta R.T. 0.000 min

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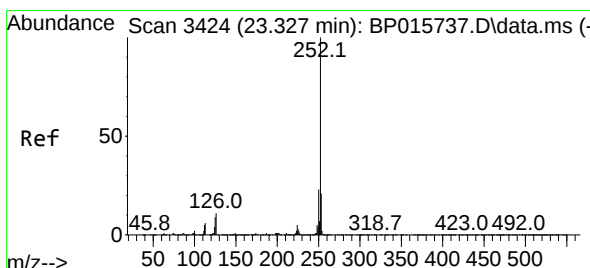
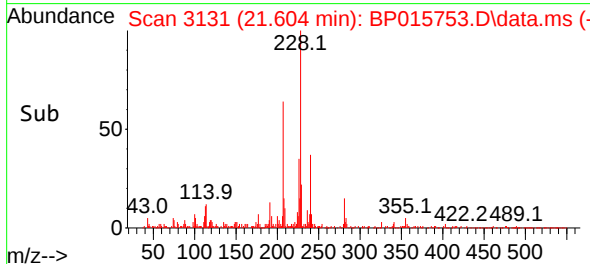
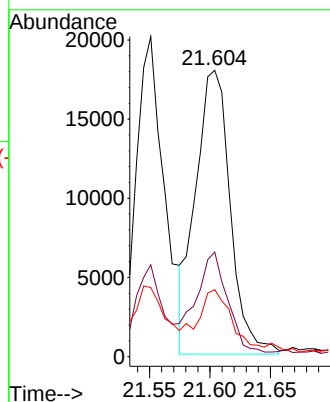
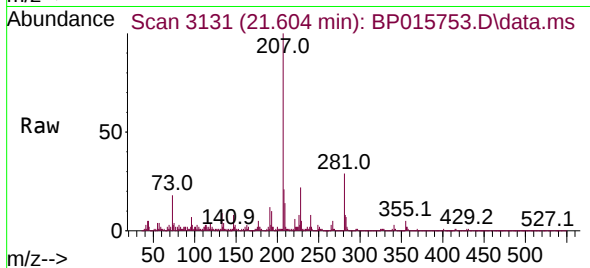
Tgt Ion:	228	Resp:	3590
Ion Ratio	Lower	Upper	
228	100		
226	36.5	24.3	36.5
229	23.4	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 1.462 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. 0.006 min

Lab File: BP015753.D

Acq: 27 Jun 2023 18:37

Tgt Ion:	252	Resp:	60464
Ion Ratio	Lower	Upper	
252	100		
253	28.3	17.3	25.9
125	21.1	7.5	11.3

