

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
 Data File : BP022423.D
 Acq On : 16 Oct 2024 21:12
 Operator : RC/JU
 Sample : P4284-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EW3

Manual Integrations
 APPROVED

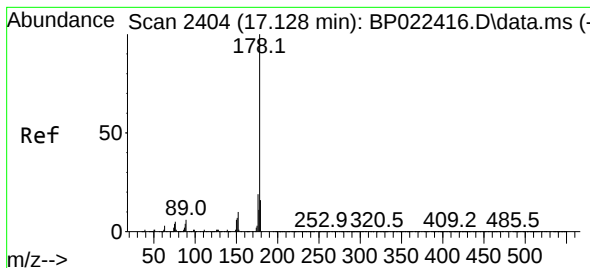
Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/18/2024

Quant Time: Oct 17 02:33:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 11:47:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	99841	20.000	ng/u1	0.04
20) Naphthalene-d8	10.428	136	384214	20.000	ng/u1	0.04
38) Acenaphthene-d10	14.281	164	308460	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	753919	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	853214	20.000	ng/u1	-0.02
88) Perylene-d12	24.762	264	1019023	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	2508	0.976	ng/uL	0.02
4) Pyridine-d5	3.628	84	12165m	1.725	ng/u1	0.04
7) Phenol-d5	6.857	99	43426	5.167	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	7.010	67	28279	5.725	ng/u1	0.04
11) 2-Chlorophenol-d4	7.210	132	36106	6.055	ng/u1	0.04
15) 4-Methylphenol-d8	8.375	113	17960	2.678	ng/u1	0.04
21) Nitrobenzene-d5	8.804	128	16604	5.620	ng/u1	0.04
24) 2-Nitrophenol-d4	9.522	143	19786	5.785	ng/u1	0.03
28) 2,4-Dichlorophenol-d3	10.063	165	40860	5.621	ng/u1	0.04
31) 4-Chloroaniline-d4	10.575	131	4858m	0.566	ng/u1	0.04
46) Dimethylphthalate-d6	13.681	166	158094	6.451	ng/u1	0.01
49) Acenaphthylene-d8	13.969	160	150341	5.776	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	16256m	3.954	ng/u1	0.01
60) Fluorene-d10	15.281	176	140900	6.628	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	18608	3.753	ng/u1	0.00
73) Anthracene-d10	17.175	188	217278	6.126	ng/u1	-0.01
81) Pyrene-d10	19.557	212	232282	5.148	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.539	264	172450	3.169	ng/u1	-0.03
Target Compounds					Qvalue	
72) Phenanthrene	17.116	178	122425	3.035	ng/u1	98
80) Fluoranthene	19.210	202	229250	4.420	ng/u1	99
82) Pyrene	19.586	202	130863	2.354	ng/u1	96
85) Benzo(a)anthracene	21.486	228	92861	1.553	ng/u1	98
87) Chrysene	21.551	228	93676	1.689	ng/u1	94
90) Benzo(b)fluoranthene	23.733	252	132529	2.066	ng/u1	98

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



#72

Phenanthrene

Concen: 3.035 ng/ul

RT: 17.116 min Scan# 2404

Delta R.T. -0.012 min

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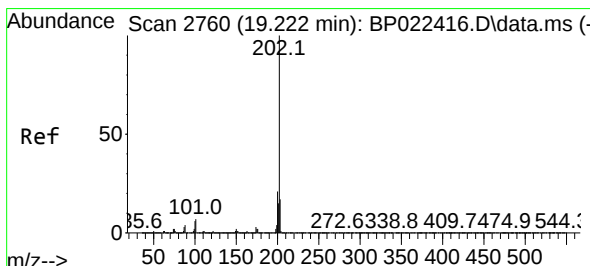
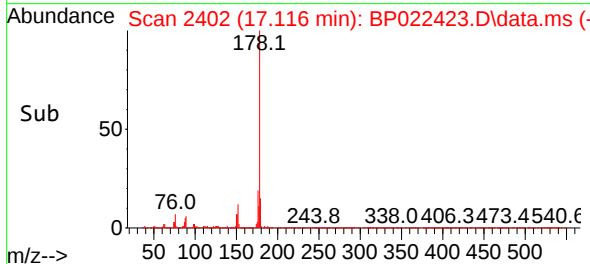
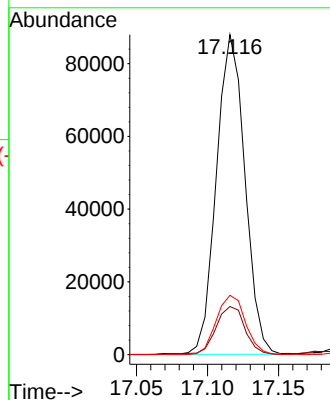
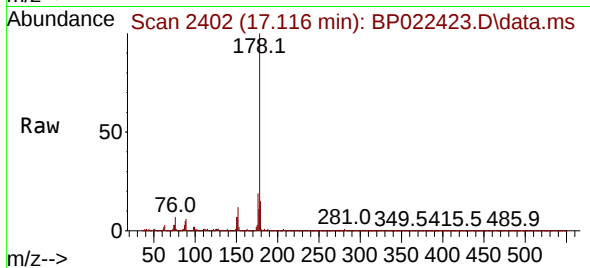
Tgt Ion:178	Resp: 122425
Ion Ratio	Lower Upper
178 100	
179 15.1	12.2 18.4
176 18.5	15.7 23.5

Manual Integrations

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#80

Fluoranthene

Concen: 4.420 ng/ul

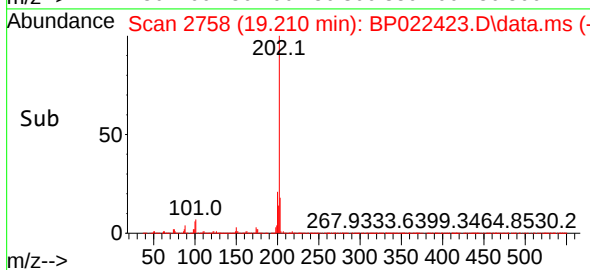
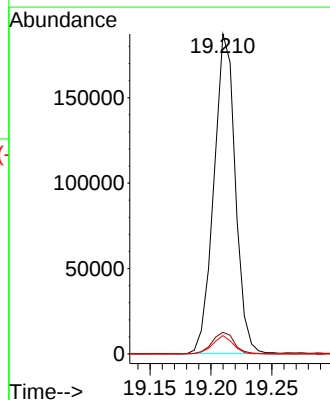
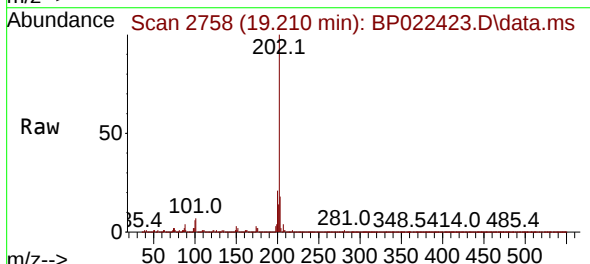
RT: 19.210 min Scan# 2758

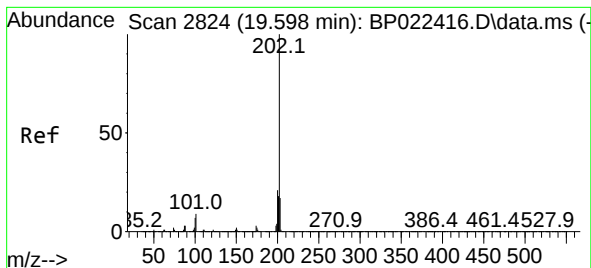
Delta R.T. -0.017 min

Lab File: BP022423.D

Acq: 16 Oct 2024 21:12

Tgt Ion:202	Resp: 229250
Ion Ratio	Lower Upper
202 100	
101 6.8	5.8 8.8
100 5.7	4.5 6.7





#82

Pyrene

Concen: 2.354 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP022423.D

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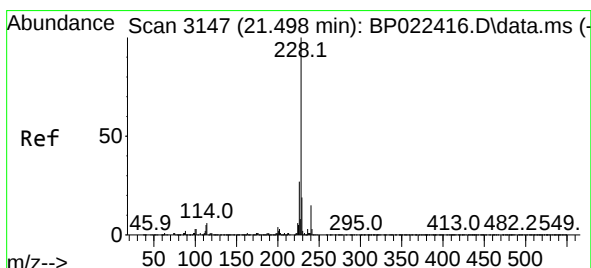
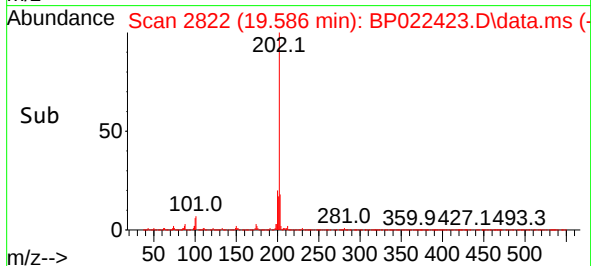
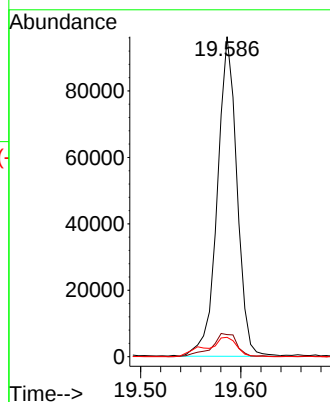
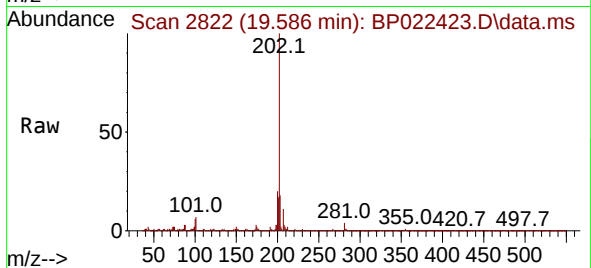
Tgt Ion:202	Resp:	13086
Ion Ratio	Lower	Upper
202	100	
101	6.9	6.7 10.1
100	6.0	5.8 8.6

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#85

Benzo(a)anthracene

Concen: 1.553 ng/ul

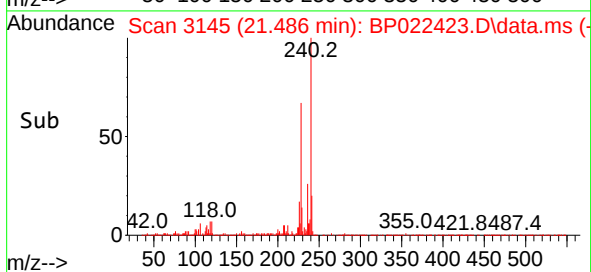
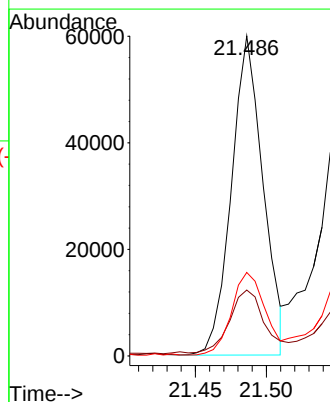
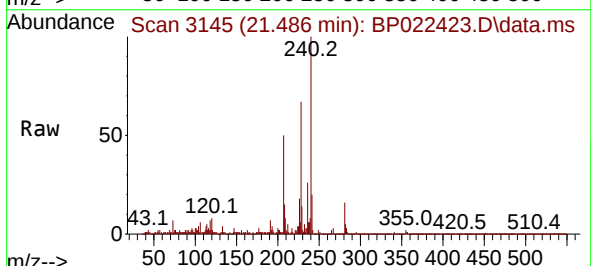
RT: 21.486 min Scan# 3145

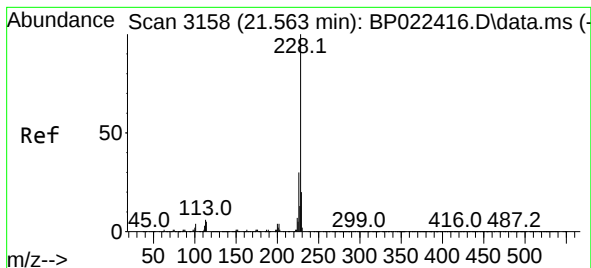
Delta R.T. -0.017 min

Lab File: BP022423.D

Acq: 16 Oct 2024 21:12

Tgt Ion:228	Resp:	92861
Ion Ratio	Lower	Upper
228	100	
229	20.6	15.4 23.0
226	26.1	21.5 32.3





#87

Chrysene

Concen: 1.689 ng/ul

RT: 21.551 min Scan# 3158

Delta R.T. -0.011 min

Lab File: BP022423.D

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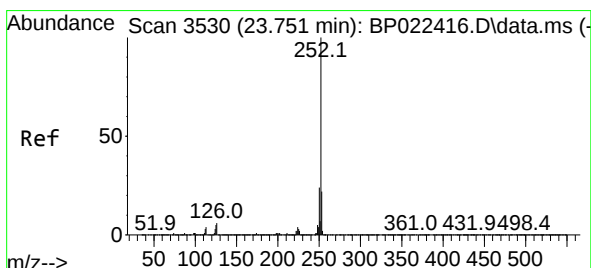
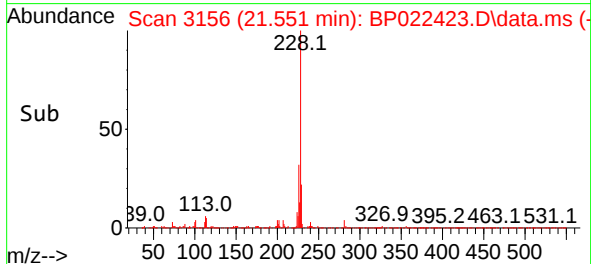
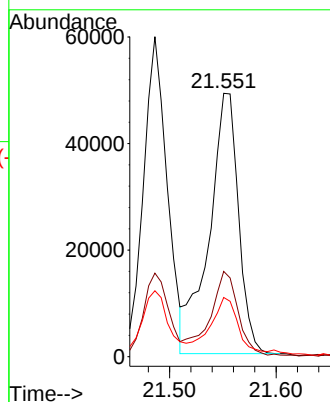
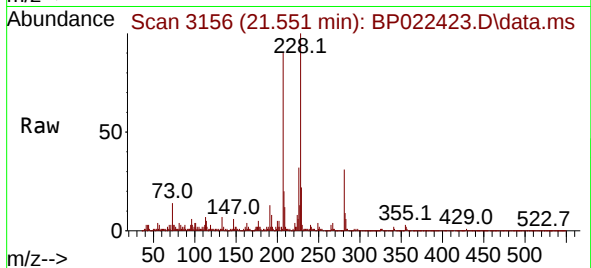
Tgt Ion:228	Resp:	93670
Ion Ratio	Lower	Upper
228	100	
226	32.4	23.8 35.8
229	22.5	15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 2.066 ng/ul

RT: 23.733 min Scan# 3527

Delta R.T. -0.017 min

Lab File: BP022423.D

Acq: 16 Oct 2024 21:12

Tgt Ion:252	Resp:	132529
Ion Ratio	Lower	Upper
252	100	
253	23.3	17.8 26.8
125	6.6	5.0 7.4

