

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
 Data File : BP018688.D
 Acq On : 07 Dec 2023 23:41
 Operator : MA/JU
 Sample : 05459-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 00:10:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	245701	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.640	136	680555	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.475	164	427608	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.222	188	1062102	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1494530	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1715693	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	14400	1.997	ng/uL	0.00
4) Pyridine-d5	3.693	84	23978	1.242	ng/u1	0.00
7) Phenol-d5	7.011	99	199625	8.096	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	141717	9.697	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.375	132	161594	8.399	ng/u1	-0.01
15) 4-Methylphenol-d8	8.558	113	40162	2.013	ng/u1	-0.01
21) Nitrobenzene-d5	9.005	128	60833	10.043	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.722	143	57466	9.151	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.263	165	102917	8.015	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.781	131	89402	5.327	ng/u1	-0.01
46) Dimethylphthalate-d6	13.887	166	402520	10.547	ng/u1	-0.02
49) Acenaphthylene-d8	14.169	160	456380	10.860	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.687	143	7025	1.121	ng/u1	0.00
60) Fluorene-d10	15.463	176	374271	11.683	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.581	200	2059m	0.323	ng/u1	-0.01
73) Anthracene-d10	17.322	188	564354	10.107	ng/u1	0.00
81) Pyrene-d10	19.557	212	1086866	9.342	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.527	264	1069455	10.691	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.040	94	24391	1.009	ng/u1	97
16) Acetophenone	8.669	105	93168	3.133	ng/u1	95
72) Phenanthrene	17.263	178	80077	1.248	ng/u1	100
80) Fluoranthene	19.233	202	307572	2.237	ng/u1	99
82) Pyrene	19.586	202	286610	2.066	ng/u1	97
85) Benzo(a)anthracene	21.298	228	187823	1.548	ng/u1	98
87) Chrysene	21.345	228	177134	1.586	ng/u1	97
90) Benzo(b)fluoranthene	22.957	252	236306	1.868	ng/u1#	94
93) Benzo(a)pyrene	23.574	252	158828	1.374	ng/u1	96

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

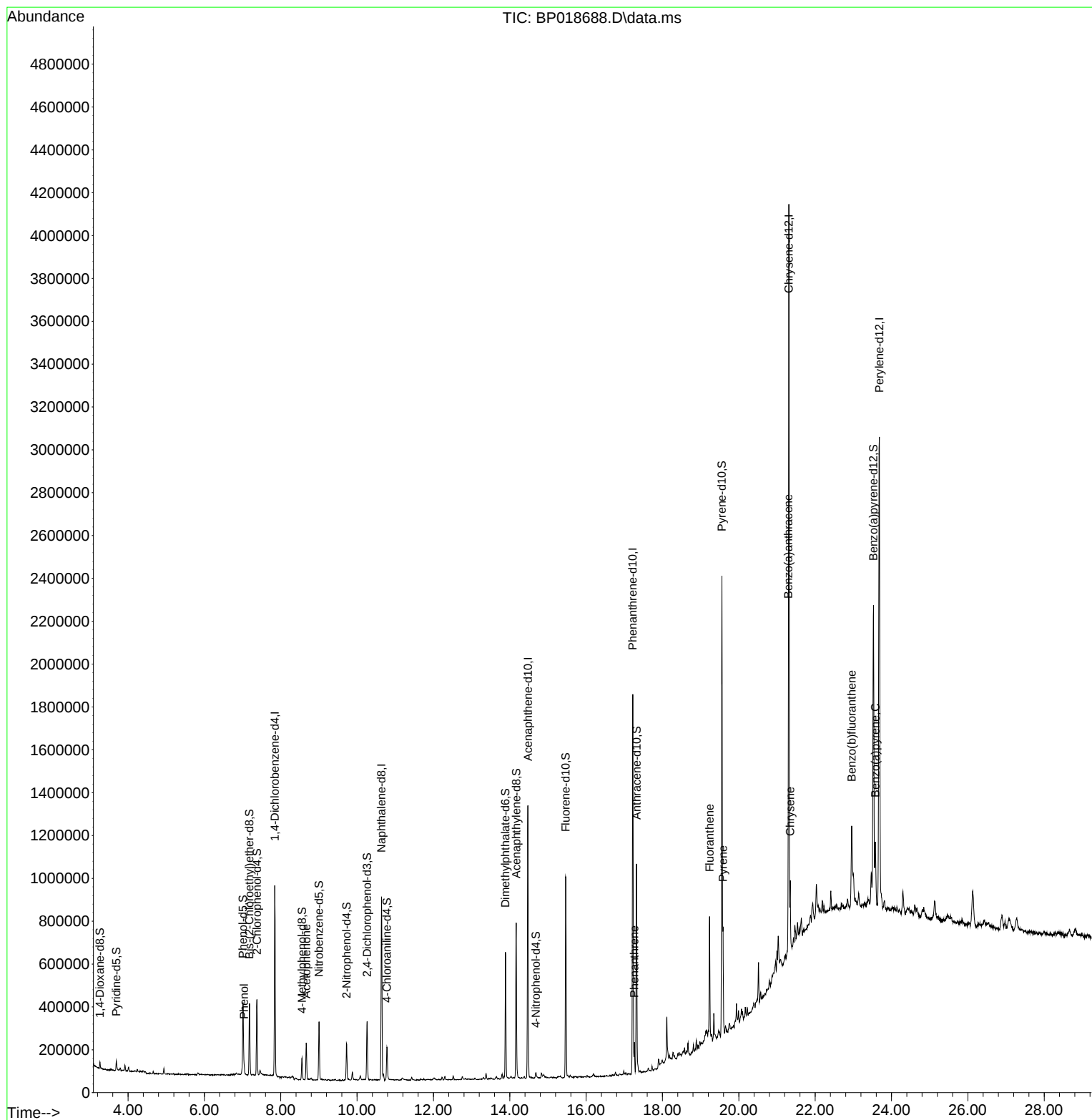
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018688.D
Acq On : 07 Dec 2023 23:41
Operator : MA/JU
Sample : 05459-20
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ALS Vial : 22 Sample Multiplier: 1

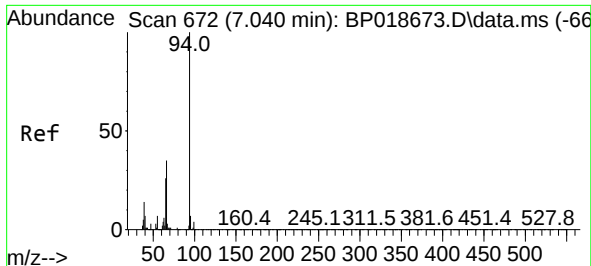
Instrument :
BNA_P
ClientSampleId :
C0AA8

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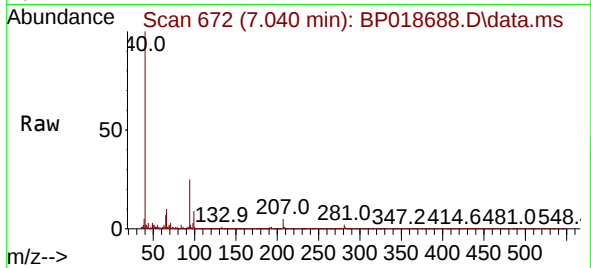
Quant Time: Dec 08 00:10:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration





#8
Phenol
Concen: 1.009 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP018688.D
Acq: 07 Dec 2023 23:41

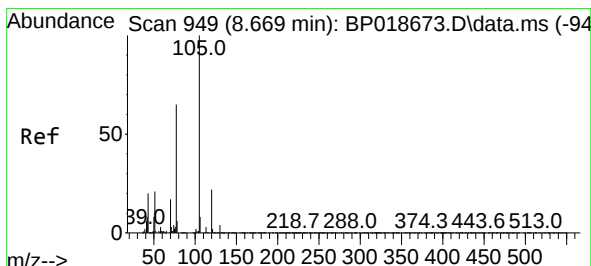
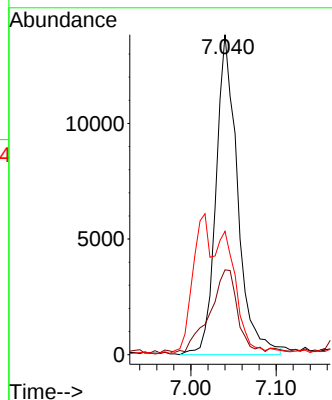
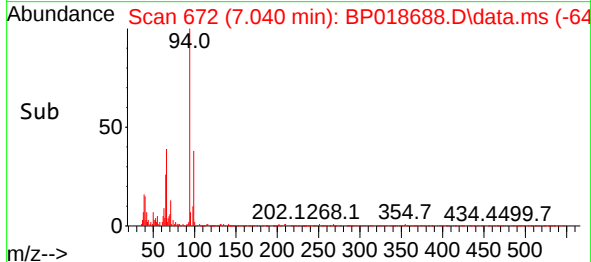
Instrument :
BNA_P
ClientSampleId :
C0AA8



Tgt Ion: 94 Resp: 2439
Ion Ratio Lower Upper
94 100
65 26.5 21.0 31.6
66 38.5 28.6 43.0

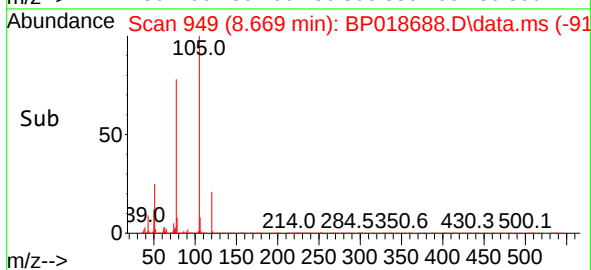
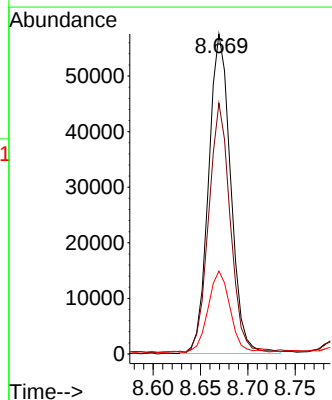
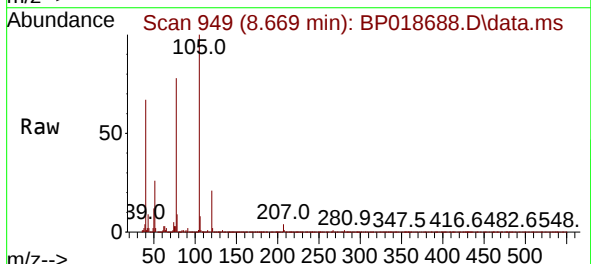
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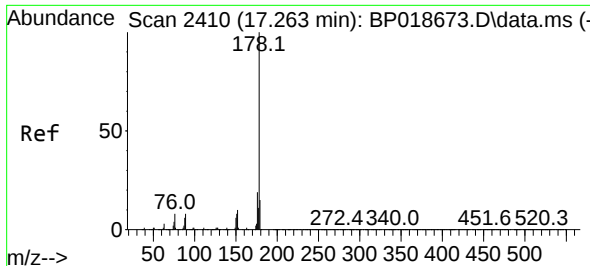
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#16
Acetophenone
Concen: 3.133 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP018688.D
Acq: 07 Dec 2023 23:41

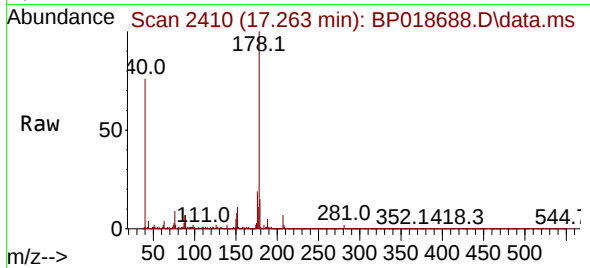
Tgt Ion:105 Resp: 93168
Ion Ratio Lower Upper
105 100
77 78.4 59.4 89.0
51 25.9 19.4 29.0





#72
Phenanthrene
Concen: 1.248 ng/ul
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP018688.D
Acq: 07 Dec 2023 23:41

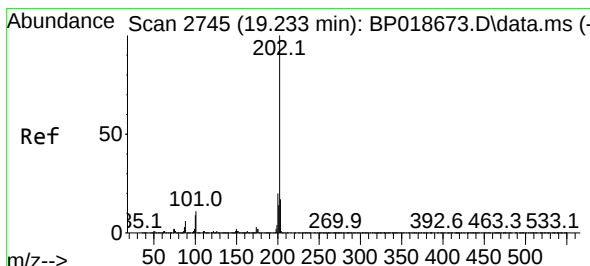
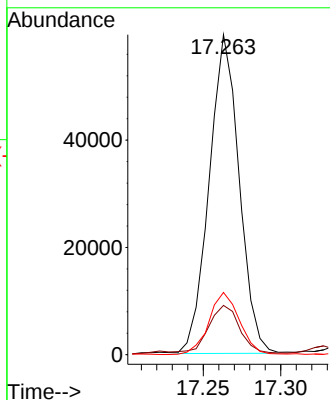
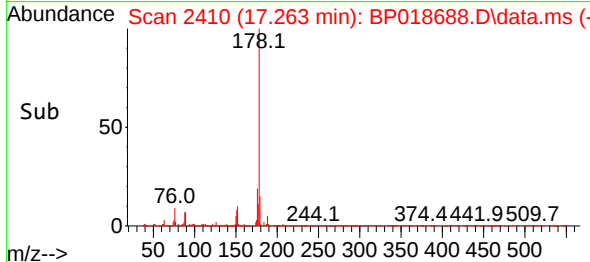
Instrument :
BNA_P
ClientSampleId :
C0AA8



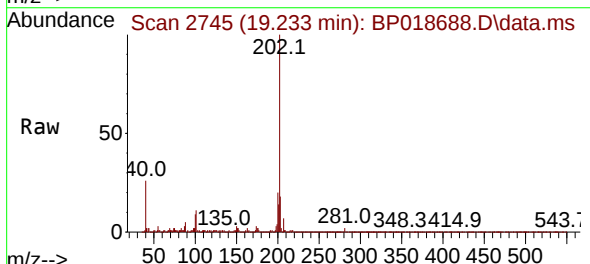
Tgt Ion:178 Resp: 8007
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.4 15.4 23.2

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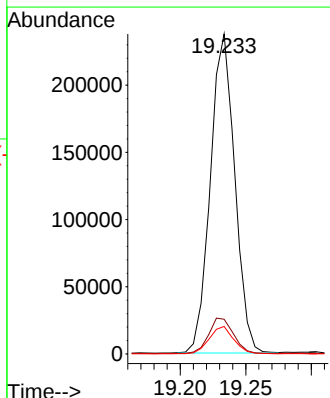
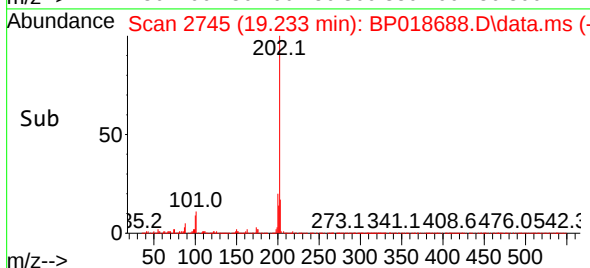
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

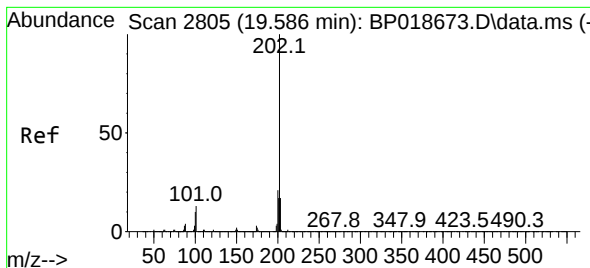


#80
Fluoranthene
Concen: 2.237 ng/ul
RT: 19.233 min Scan# 2745
Delta R.T. -0.006 min
Lab File: BP018688.D
Acq: 07 Dec 2023 23:41



Tgt Ion:202 Resp: 307572
Ion Ratio Lower Upper
202 100
101 10.9 9.1 13.7
100 8.6 7.1 10.7





#82

Pyrene

Concen: 2.066 ng/ul

RT: 19.586 min Scan# 2805

Delta R.T. -0.006 min

Lab File: BP018688.D

Acq: 07 Dec 2023 23:41

Instrument :

BNA_P

ClientSampleId :

C0AA8

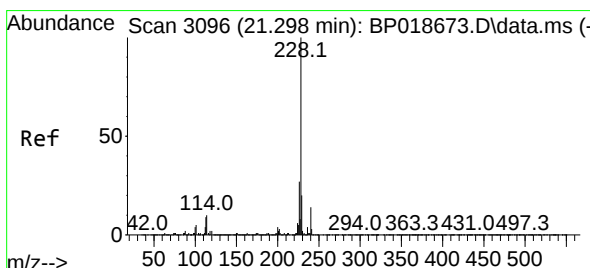
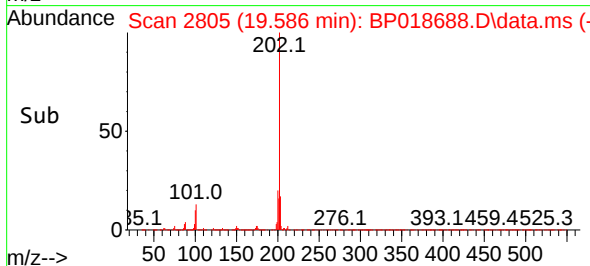
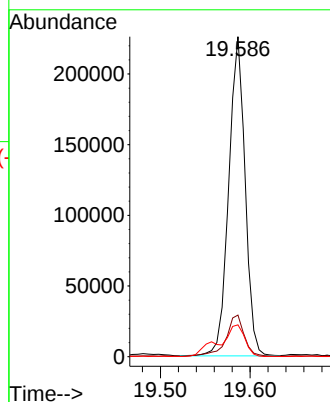
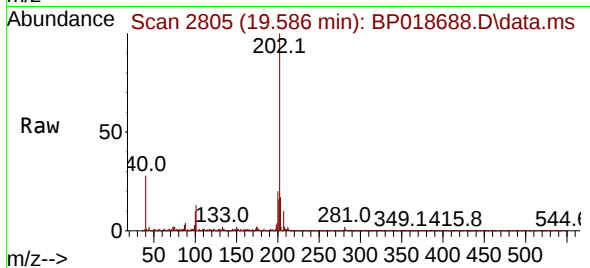
Tgt Ion:	202	Resp:	286610
Ion Ratio	Lower	Upper	
202	100		
101	13.0	11.0	16.4
100	10.0	9.1	13.7

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#85

Benzo(a)anthracene

Concen: 1.548 ng/ul

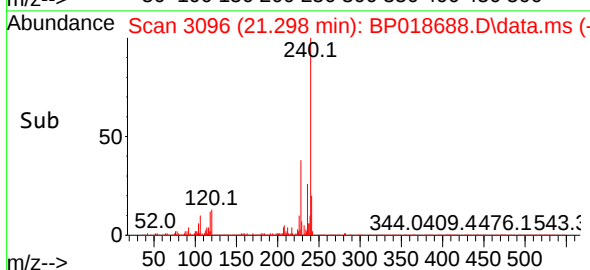
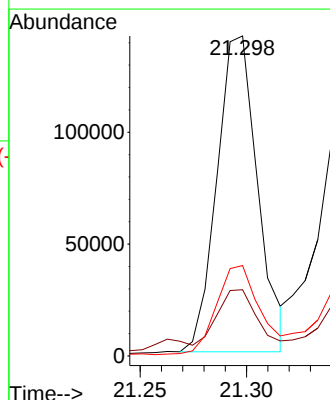
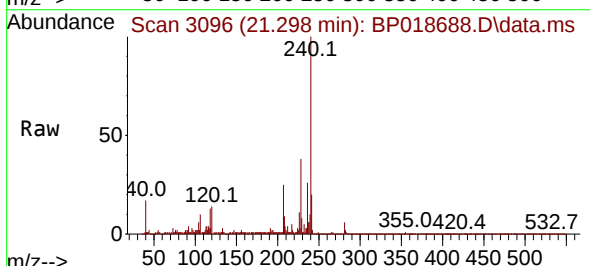
RT: 21.298 min Scan# 3096

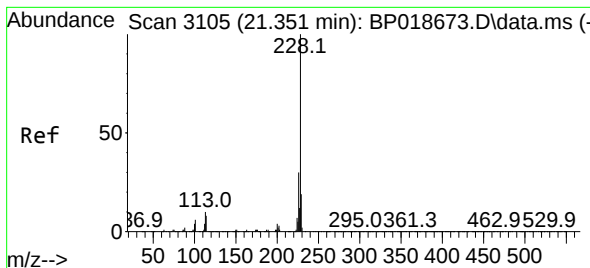
Delta R.T. -0.006 min

Lab File: BP018688.D

Acq: 07 Dec 2023 23:41

Tgt Ion:	228	Resp:	187823
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.7	23.5
226	28.2	21.9	32.9





#87

Chrysene

Concen: 1.586 ng/ul

RT: 21.345 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP018688.D

Acq: 07 Dec 2023 23:41

Instrument :

BNA_P

ClientSampleId :

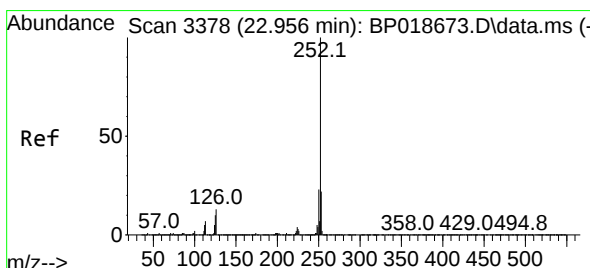
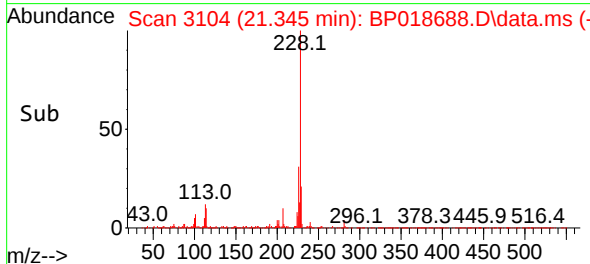
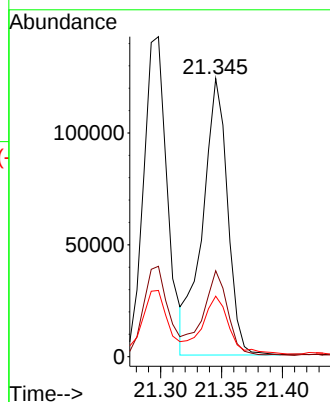
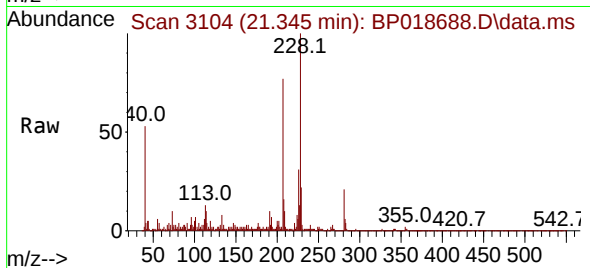
C0AA8

Tgt Ion:228 Resp: 177134
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.9 35.9
 229 21.8 15.6 23.4

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#90

Benzo(b)fluoranthene

Concen: 1.868 ng/ul

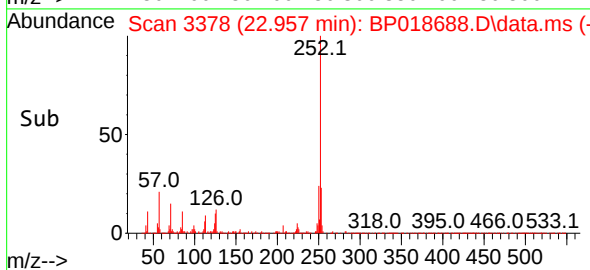
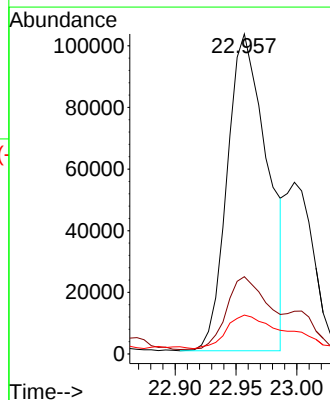
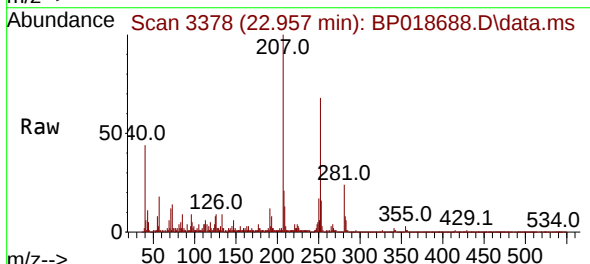
RT: 22.957 min Scan# 3378

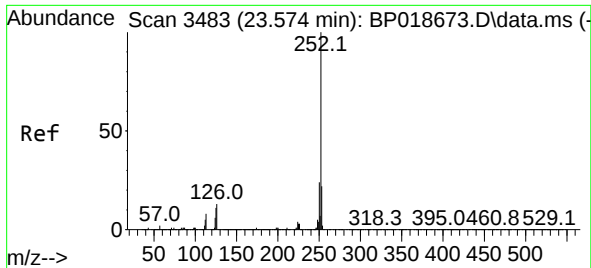
Delta R.T. -0.006 min

Lab File: BP018688.D

Acq: 07 Dec 2023 23:41

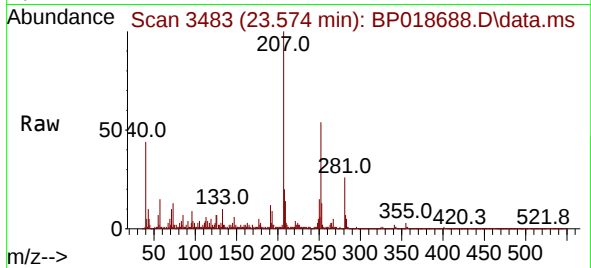
Tgt Ion:252 Resp: 236306
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.3 25.9
 125 12.2 7.8 11.6





#93
Benzo(a)pyrene
Concen: 1.374 ng/ul
RT: 23.574 min Scan# 3483
Delta R.T. -0.012 min
Lab File: BP018688.D
Acq: 07 Dec 2023 23:41

Instrument :
BNA_P
ClientSampleId :
C0AA8



Tgt Ion:252 Resp: 158828
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 13.3 9.2 13.8

Manual Integrations
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