

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022895.D
 Acq On : 06 Nov 2024 15:53
 Operator : RC/JU
 Sample : P4581-23
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EB5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 07 00:29:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 00:31:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	98565	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	373522	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.239	164	287110	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	708030	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	769284	20.000	ng/u1	0.00
88) Perylene-d12	24.744	264	907400	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	3334m	1.314	ng/uL	0.00
4) Pyridine-d5	3.610	84	9391	1.349	ng/u1	0.02
7) Phenol-d5	6.822	99	63133	7.609	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	39156	8.030	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	53037	9.009	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	38013	5.741	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	25047	8.721	ng/u1	0.00
24) 2-Nitrophenol-d4	9.475	143	30690	9.230	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	60470	8.557	ng/u1	0.00
31) 4-Chloroaniline-d4	10.533	131	35964	4.307	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	210025	9.207	ng/u1	-0.01
49) Acenaphthylene-d8	13.927	160	218156	9.004	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	22792m	5.956	ng/u1	0.02
60) Fluorene-d10	15.251	176	194513	9.831	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	11127	2.390	ng/u1	0.00
73) Anthracene-d10	17.151	188	294806	8.851	ng/u1	-0.01
81) Pyrene-d10	19.539	212	287853	7.076	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.527	264	207783	4.288	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.857	94	11133m	1.290	ng/u1	
16) Acetophenone	8.439	105	57973	5.303	ng/u1	93
72) Phenanthrene	17.098	178	123189	3.252	ng/u1	99
80) Fluoranthene	19.198	202	270552	5.785	ng/u1#	96
82) Pyrene	19.574	202	136379	2.721	ng/u1	98
85) Benzo(a)anthracene	21.480	228	109791	2.036	ng/u1	99
87) Chrysene	21.539	228	113978	2.279	ng/u1	96
90) Benzo(b)fluoranthene	23.733	252	158070m	2.767	ng/u1	
91) Benzo(k)fluoranthene	23.786	252	60810m	1.087	ng/u1	

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

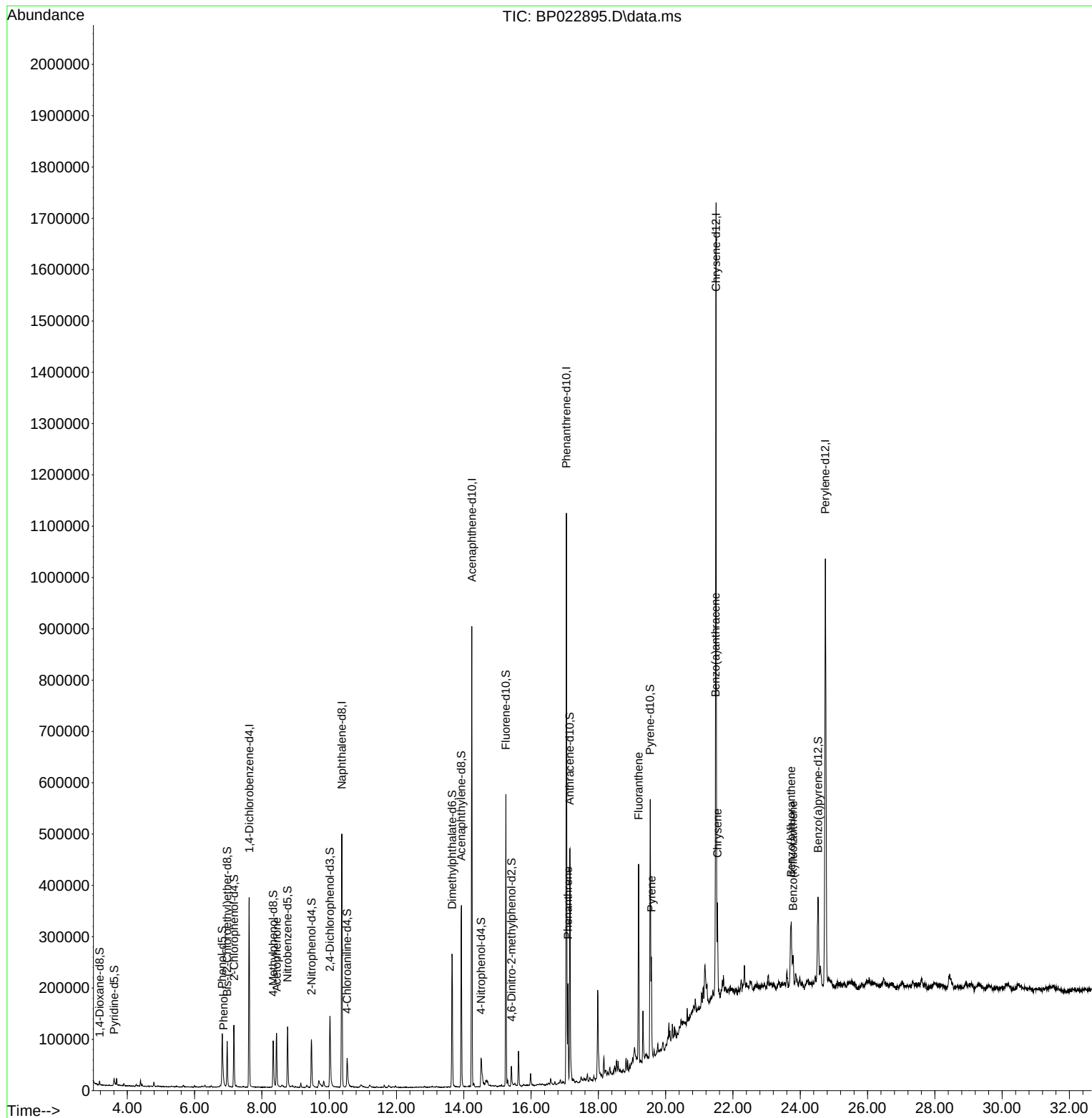
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022895.D
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ALS Vial : 42 Sample Multiplier: 1

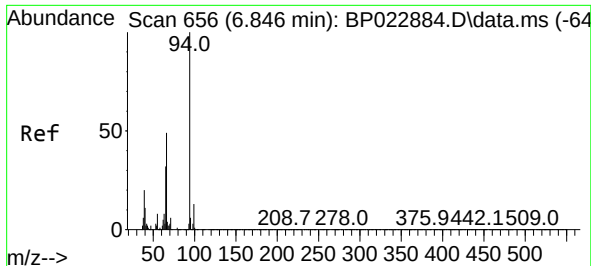
Instrument :
BNA_P
ClientSampleId :
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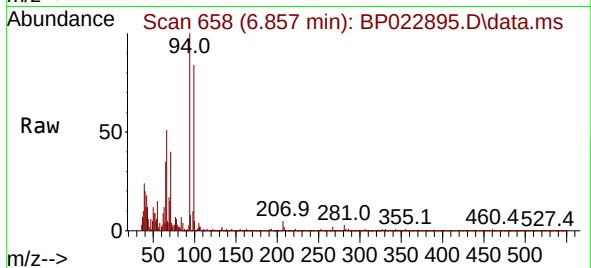
Quant Time: Nov 07 00:29:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 00:31:03 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.290 ng/ul m
RT: 6.857 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP022895.D
Acq: 06 Nov 2024 15:53

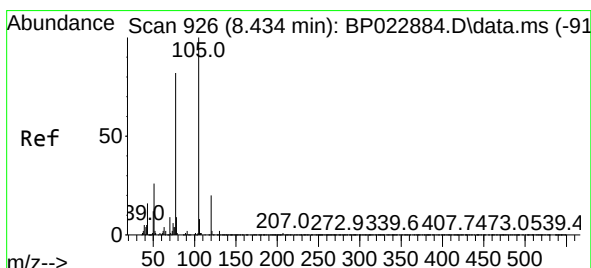
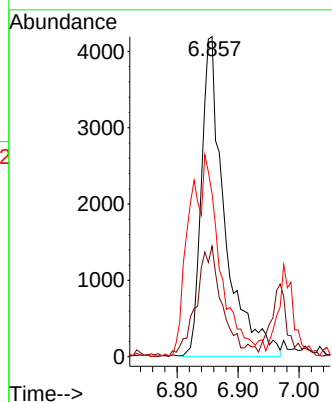
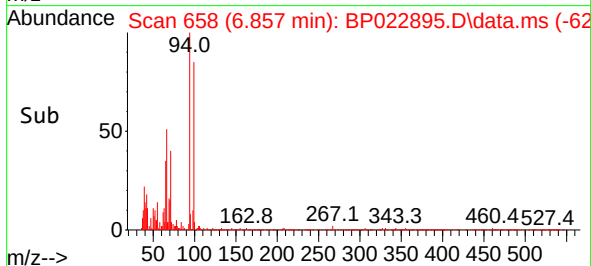
Instrument :
BNA_P
ClientSampleId :
A4EB5



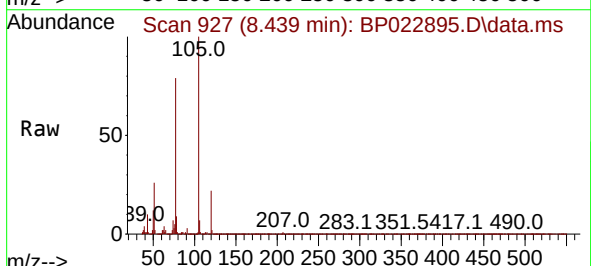
Tgt Ion: 94 Resp: 1113
Ion Ratio Lower Upper
94 100
65 34.5 25.9 38.9
66 51.1 37.6 56.4

Manual Integrations
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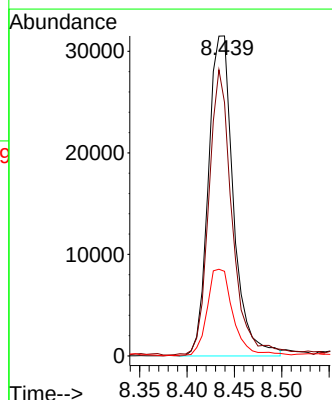
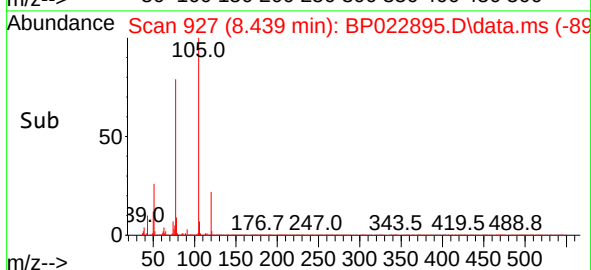
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

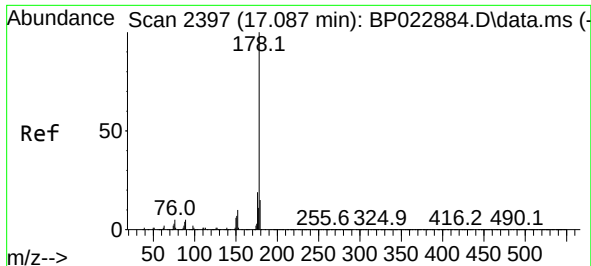


#16
Acetophenone
Concen: 5.303 ng/ul
RT: 8.439 min Scan# 927
Delta R.T. 0.006 min
Lab File: BP022895.D
Acq: 06 Nov 2024 15:53



Tgt Ion:105 Resp: 57973
Ion Ratio Lower Upper
105 100
77 79.2 69.0 103.4
51 26.5 22.6 33.8





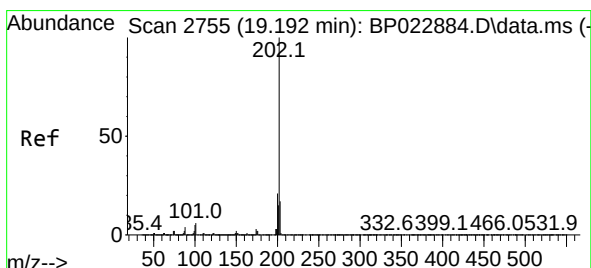
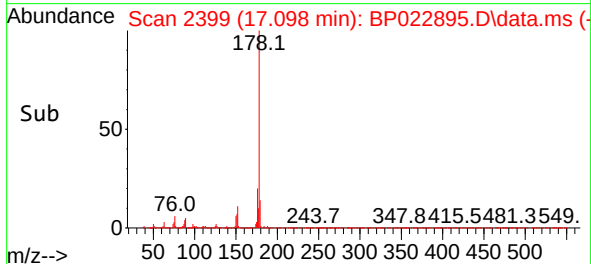
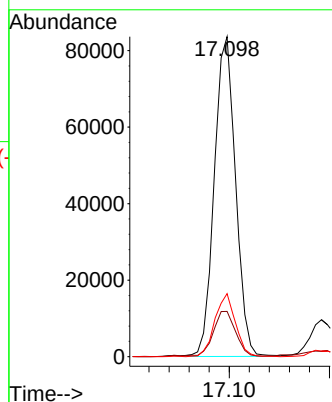
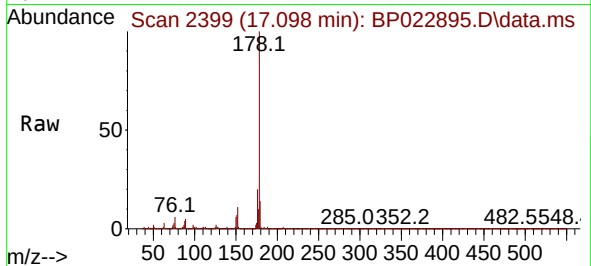
#72
Phenanthrene
Concen: 3.252 ng/ul
RT: 17.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP022895.D
Acq: 06 Nov 2024 15:53

Instrument :
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Tgt Ion:178 Resp: 123189
Ion Ratio Lower Upper
178 100
179 14.2 12.2 18.4
176 19.7 15.7 23.5

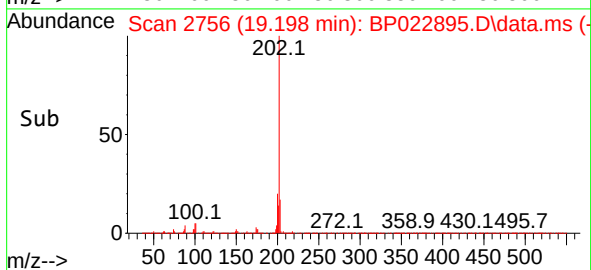
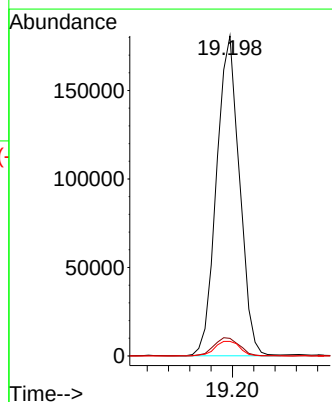
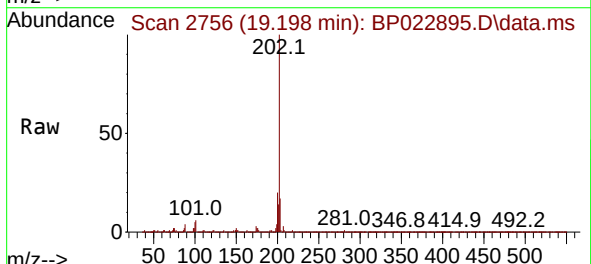
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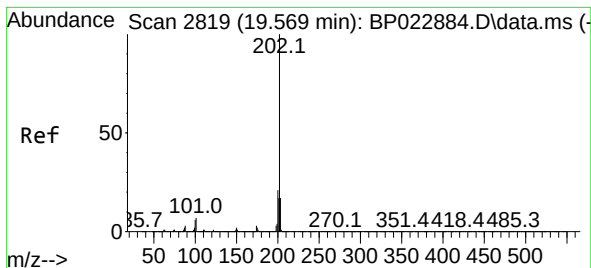
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#80
Fluoranthene
Concen: 5.785 ng/ul
RT: 19.198 min Scan# 2756
Delta R.T. 0.011 min
Lab File: BP022895.D
Acq: 06 Nov 2024 15:53

Tgt Ion:202 Resp: 270552
Ion Ratio Lower Upper
202 100
101 5.5 5.8 8.8#
100 4.6 4.5 6.7





#82

Pyrene

Concen: 2.721 ng/ul

RT: 19.574 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP022895.D

Acq: 06 Nov 2024 15:53

Instrument :

BNA_P

ClientSampleId :

A4EB5

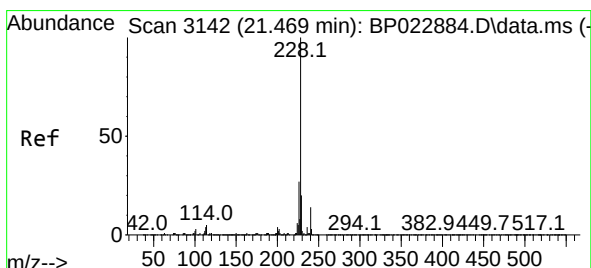
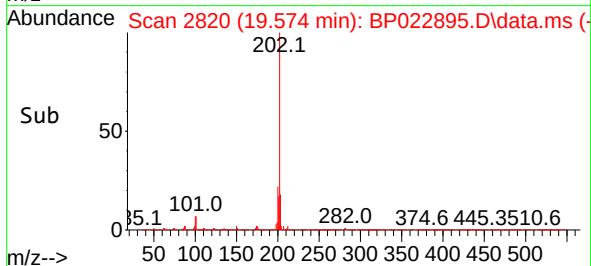
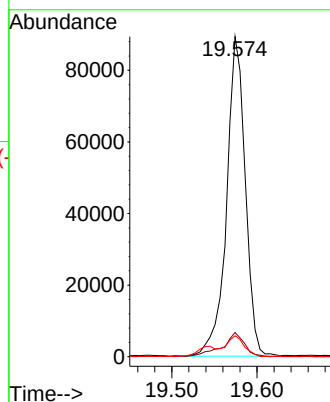
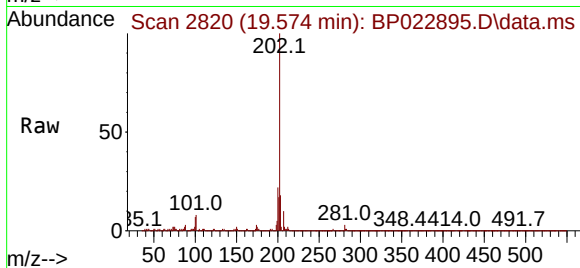
Tgt Ion:	202	Resp:	136379
Ion Ratio	Lower	Upper	
202	100		
101	7.5	6.7	10.1
100	6.6	5.8	8.6

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#85

Benzo(a)anthracene

Concen: 2.036 ng/ul

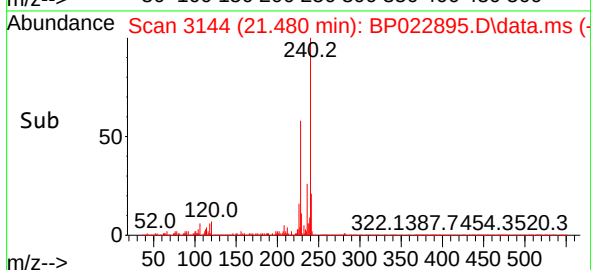
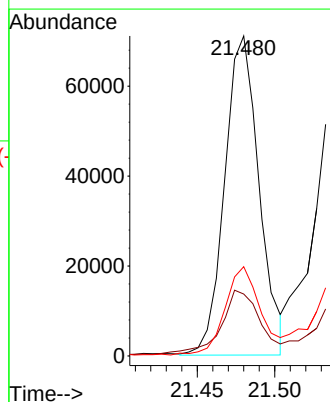
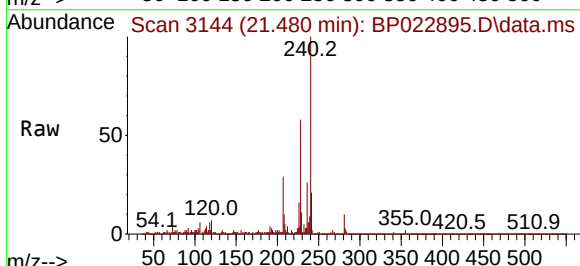
RT: 21.480 min Scan# 3144

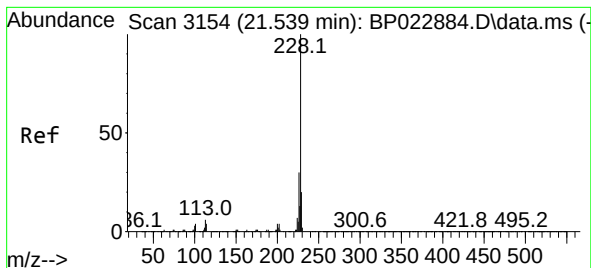
Delta R.T. 0.006 min

Lab File: BP022895.D

Acq: 06 Nov 2024 15:53

Tgt Ion:	228	Resp:	109791
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.4	23.0
226	27.9	21.5	32.3





#87

Chrysene

Concen: 2.279 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. -0.006 min

Lab File: BP022895.D

Acq: 06 Nov 2024 15:53

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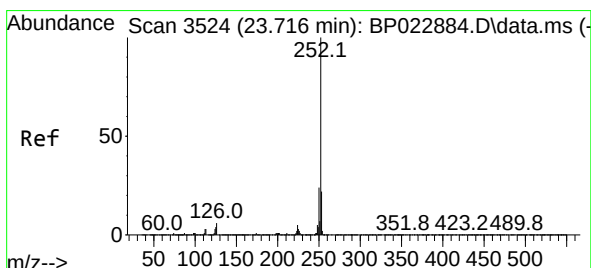
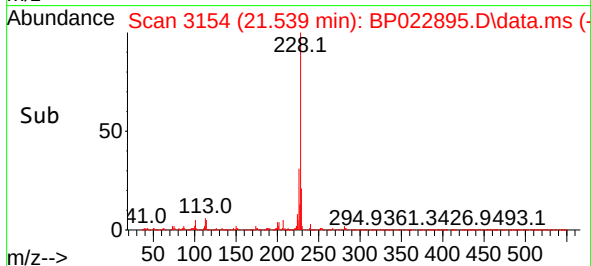
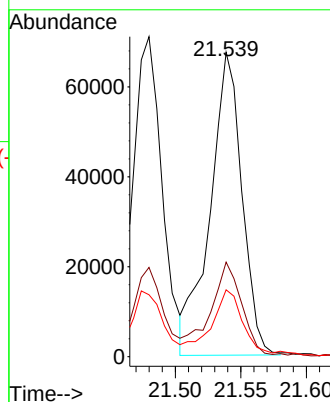
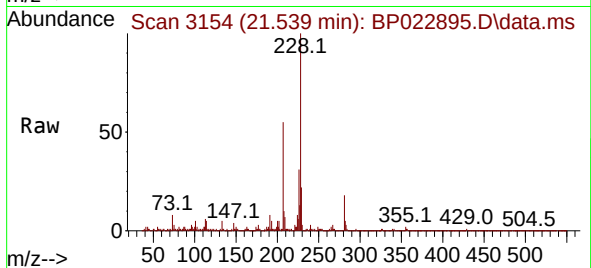
Tgt Ion:228	Resp: 113978
Ion Ratio	Lower Upper
228 100	
226 31.1	23.8 35.8
229 22.0	15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 2.767 ng/ul m

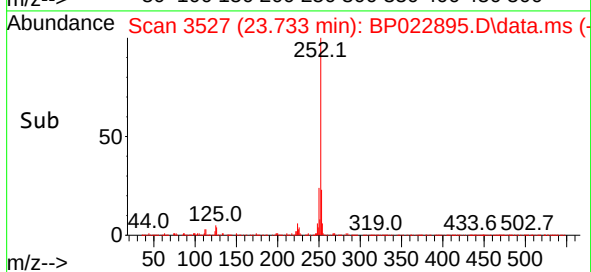
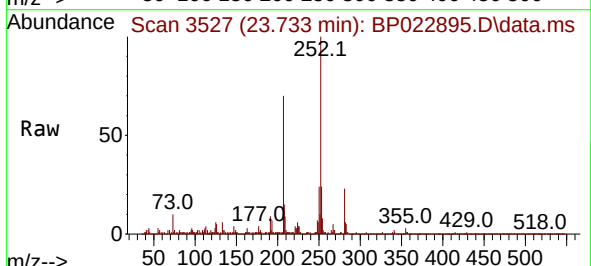
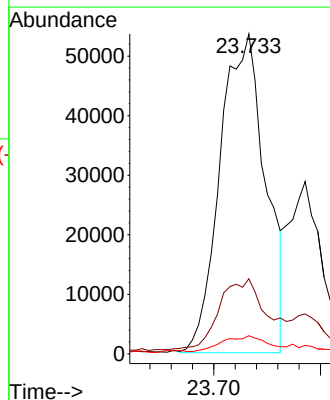
RT: 23.733 min Scan# 3527

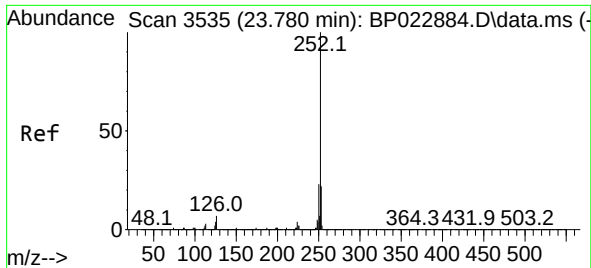
Delta R.T. 0.011 min

Lab File: BP022895.D

Acq: 06 Nov 2024 15:53

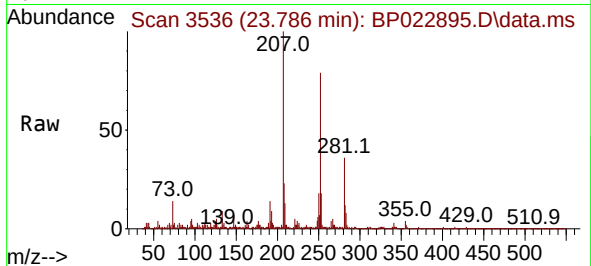
Tgt Ion:252	Resp: 158070
Ion Ratio	Lower Upper
252 100	
253 23.5	17.8 26.8
125 5.7	5.0 7.4





#91
Benzo(k)fluoranthene
Concen: 1.087 ng/ul m
RT: 23.786 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP022895.D
Acq: 06 Nov 2024 15:53

Instrument :
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Tgt Ion:252 Resp: 60810
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 5.0 4.6 6.8

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