

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
 Data File : BP018695.D
 Acq On : 08 Dec 2023 04:12
 Operator : MA/JU
 Sample : 05459-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 04:41:15 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	343081	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.640	136	1255348	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.475	164	752725	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.222	188	1773095	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	2095559	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	2503208	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	41785	4.150	ng/uL	0.00
4) Pyridine-d5	3.681	84	424785	15.752	ng/u1	0.00
7) Phenol-d5	7.010	99	665585	19.332	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	407044	19.947	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.375	132	521719	19.420	ng/u1	-0.01
15) 4-Methylphenol-d8	8.557	113	354968	12.740	ng/u1	-0.01
21) Nitrobenzene-d5	9.004	128	244079	21.845	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.728	143	243217	20.996	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	477782	20.171	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.781	131	467900	15.115	ng/u1	-0.01
46) Dimethylphthalate-d6	13.892	166	1468071	21.852	ng/u1	-0.01
49) Acenaphthylene-d8	14.169	160	1711194	23.132	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.675	143	35356m	3.206	ng/u1	-0.01
60) Fluorene-d10	15.469	176	1366008	24.223	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	13895	1.307	ng/u1	0.00
73) Anthracene-d10	17.322	188	2312293	24.806	ng/u1	0.00
81) Pyrene-d10	19.557	212	3228377	19.791	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.527	264	3618540	24.792	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.040	94	43406	1.286	ng/u1	99
16) Acetophenone	8.669	105	194663	4.688	ng/u1	99
72) Phenanthrene	17.263	178	324463	3.030	ng/u1	99
80) Fluoranthene	19.233	202	657193	3.408	ng/u1	99
82) Pyrene	19.586	202	550019	2.828	ng/u1	97
85) Benzo(a)anthracene	21.292	228	340878	2.004	ng/u1	99
87) Chrysene	21.345	228	307385	1.962	ng/u1	98
90) Benzo(b)fluoranthene	22.957	252	433126	2.347	ng/u1	97
93) Benzo(a)pyrene	23.574	252	288746	1.712	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.133	276	211325	1.049	ng/u1#	93
96) Benzo(g,h,i)perylene	26.892	276	184777	1.140	ng/u1	97

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

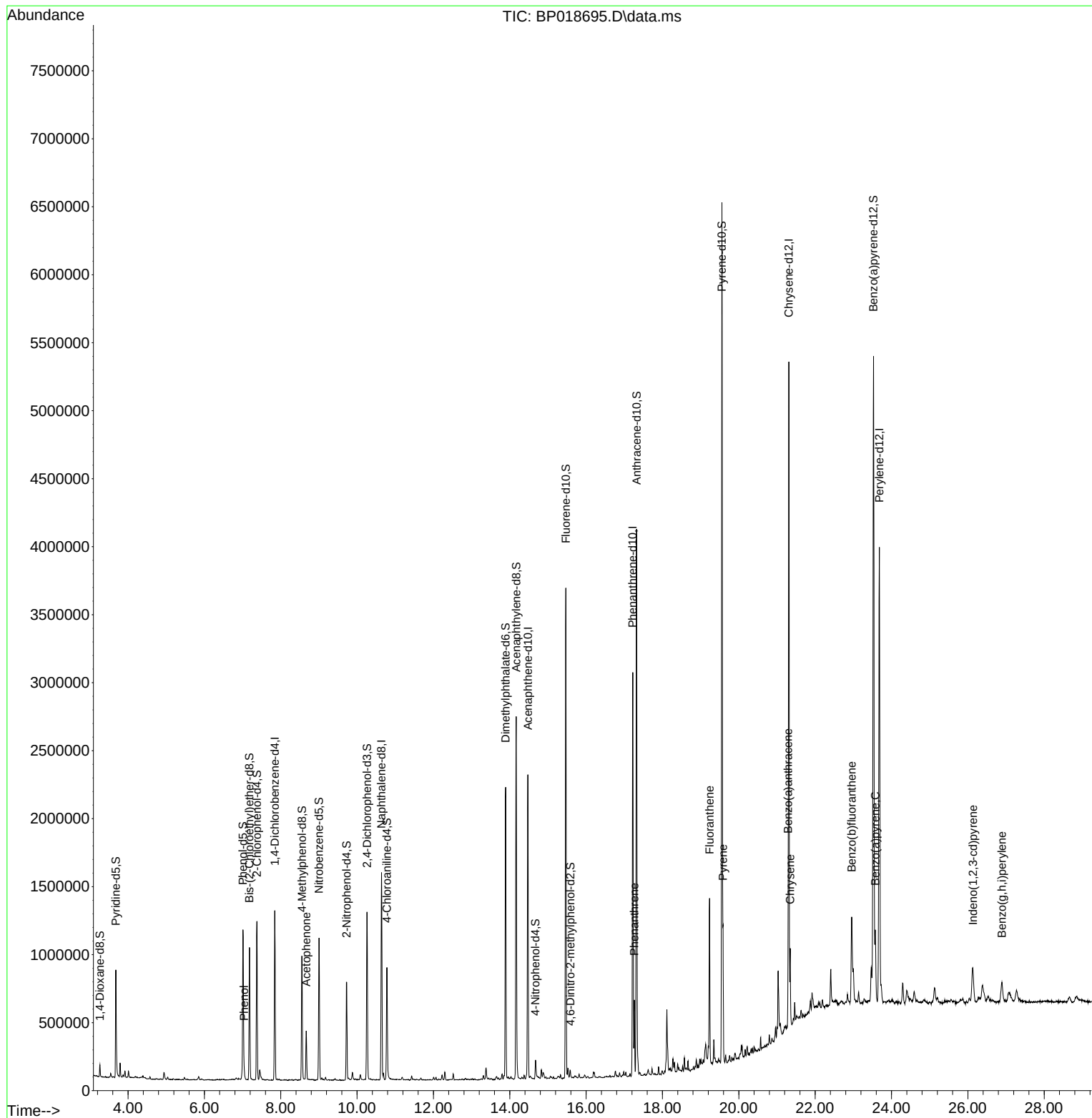
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018695.D
Acq On : 08 Dec 2023 04:12
Operator : MA/JU
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Misc :
ALS Vial : 31 Sample Multiplier: 1

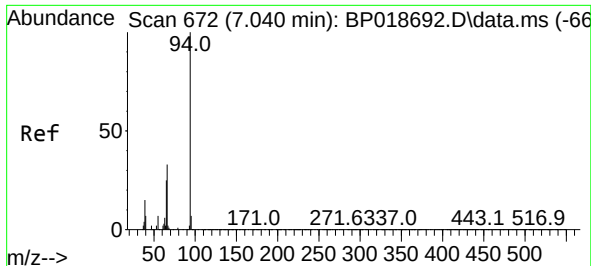
Instrument :
BNA_P
ClientSampleId :
C0AA7

Quant Time: Dec 08 04:41:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
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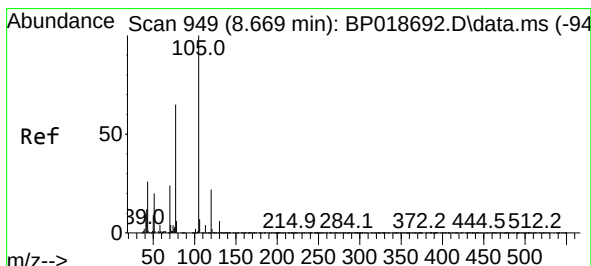
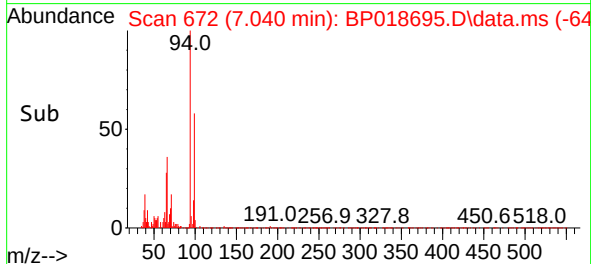
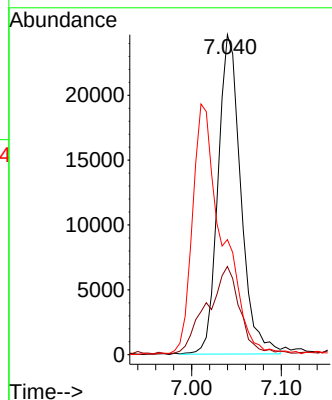
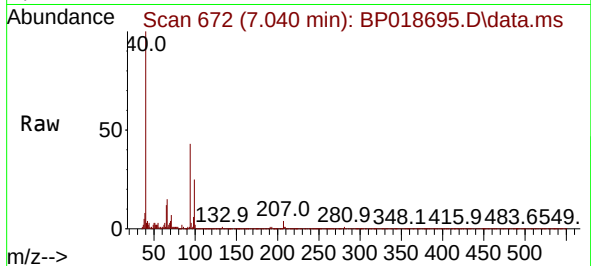
#8
Phenol
Concen: 1.286 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP018695.D
Acq: 08 Dec 2023 04:12

Instrument :
BNA_P
ClientSampleId :
C0AA7

Tgt Ion: 94 Resp: 43400
Ion Ratio Lower Upper
94 100
65 27.6 21.0 31.6
66 35.9 28.6 43.0

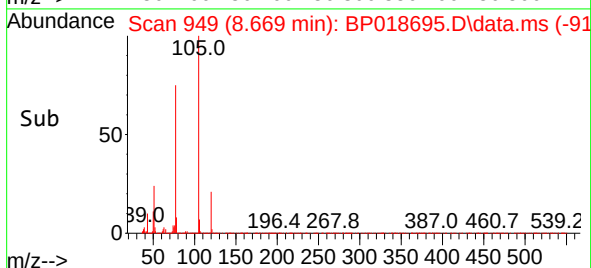
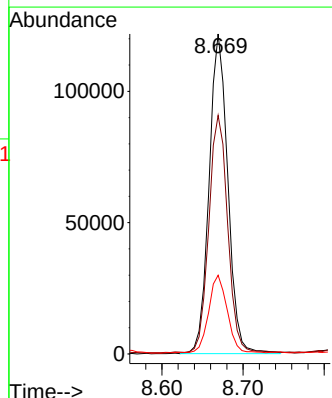
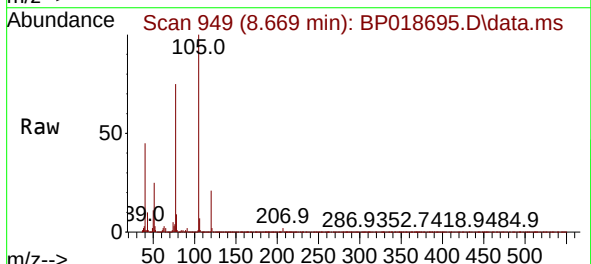
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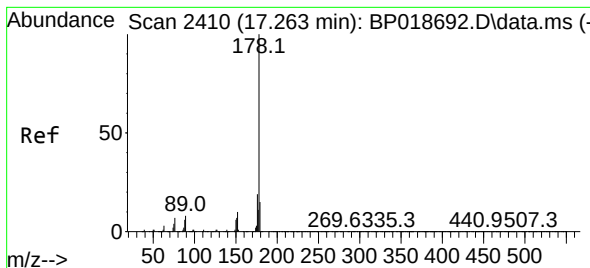
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#16
Acetophenone
Concen: 4.688 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP018695.D
Acq: 08 Dec 2023 04:12

Tgt Ion:105 Resp: 194663
Ion Ratio Lower Upper
105 100
77 74.6 59.4 89.0
51 24.6 19.4 29.0





#72

Phenanthrene

Concen: 3.030 ng/ul

RT: 17.263 min Scan# 2410

Delta R.T. -0.012 min

Lab File: BP018695.D

Acq: 08 Dec 2023 04:12

Instrument :

BNA_P

ClientSampleId :

C0AA7

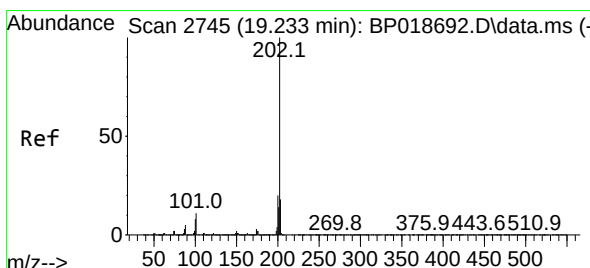
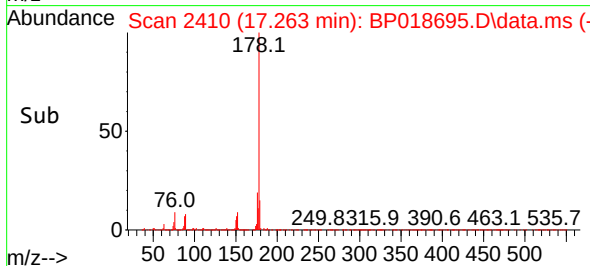
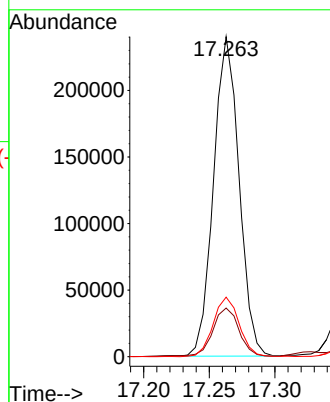
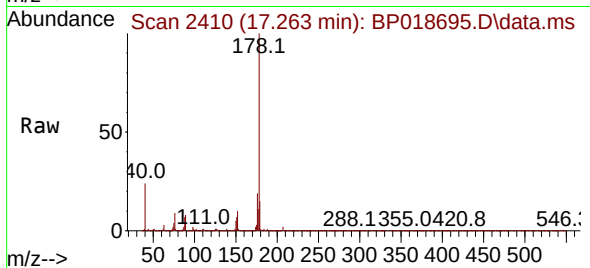
Tgt Ion:178	Resp: 32446
Ion Ratio	Lower Upper
178 100	
179 15.2	12.3 18.5
176 18.6	15.4 23.2

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#80

Fluoranthene

Concen: 3.408 ng/ul

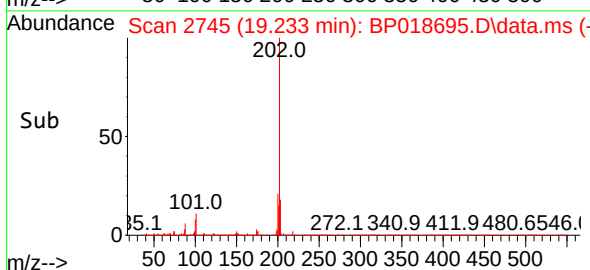
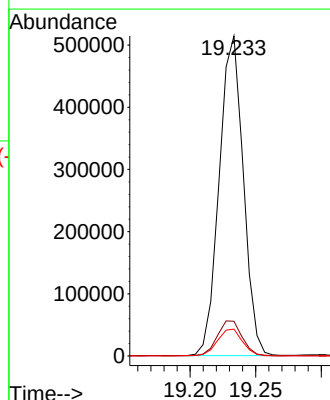
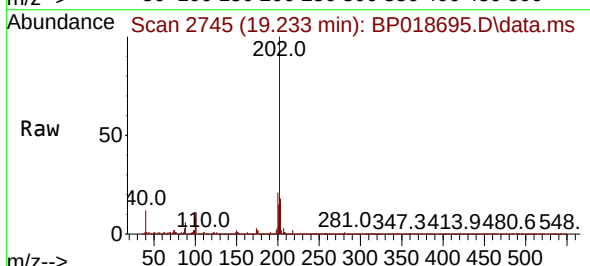
RT: 19.233 min Scan# 2745

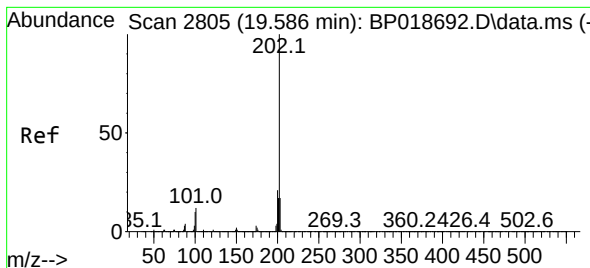
Delta R.T. -0.006 min

Lab File: BP018695.D

Acq: 08 Dec 2023 04:12

Tgt Ion:202	Resp: 657193
Ion Ratio	Lower Upper
202 100	
101 10.8	9.1 13.7
100 8.4	7.1 10.7





#82

Pyrene

Concen: 2.828 ng/ul

RT: 19.586 min Scan# 2805

Delta R.T. -0.006 min

Lab File: BP018695.D

Acq: 08 Dec 2023 04:12

Instrument :

BNA_P

ClientSampleId :

C0AA7

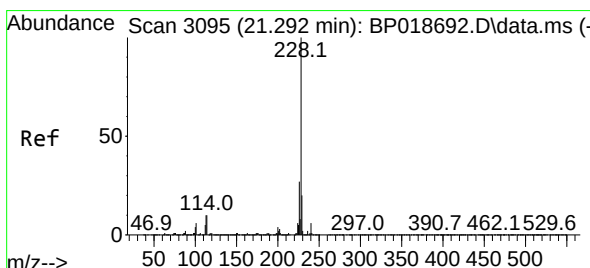
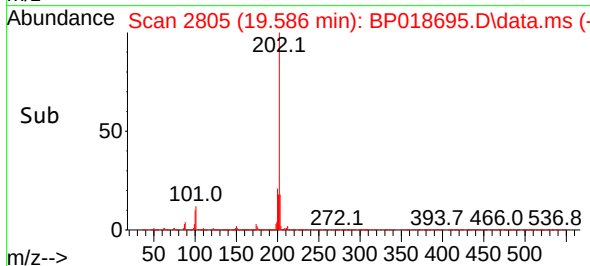
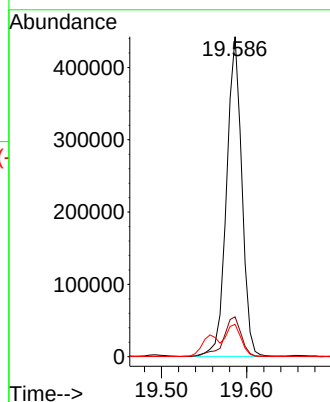
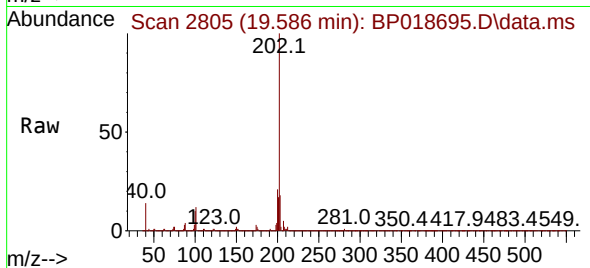
Tgt Ion:	202	Resp:	550019
Ion Ratio	Lower	Upper	
202	100		
101	12.4	11.0	16.4
100	10.1	9.1	13.7

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#85

Benzo(a)anthracene

Concen: 2.004 ng/ul

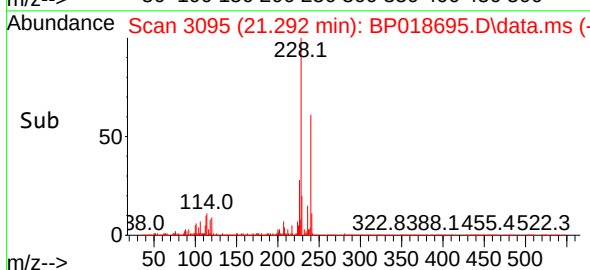
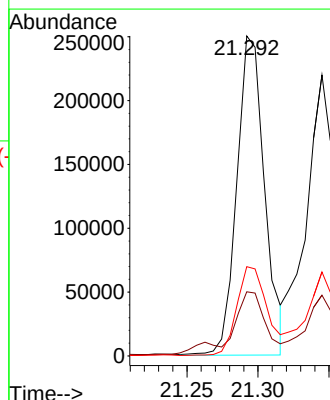
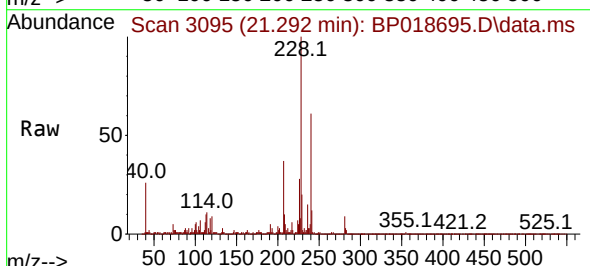
RT: 21.292 min Scan# 3095

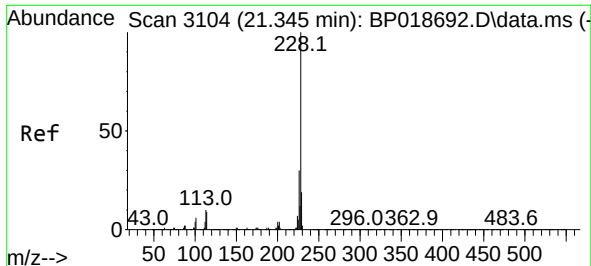
Delta R.T. -0.012 min

Lab File: BP018695.D

Acq: 08 Dec 2023 04:12

Tgt Ion:	228	Resp:	340878
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.7	23.5
226	27.9	21.9	32.9





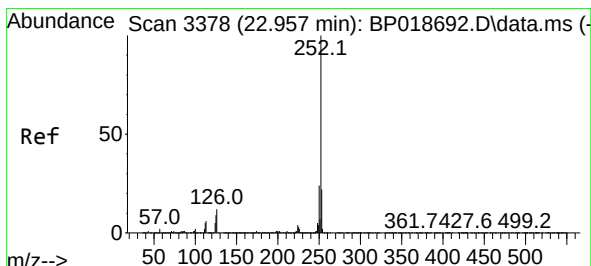
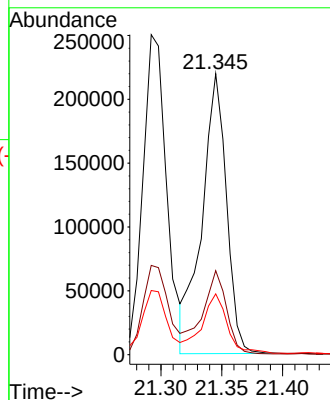
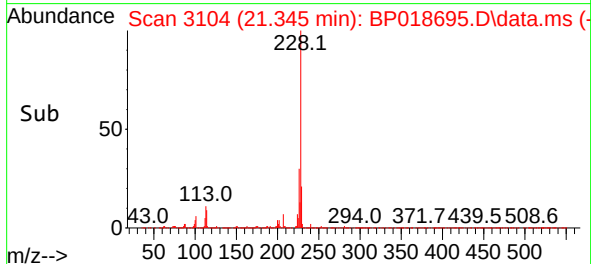
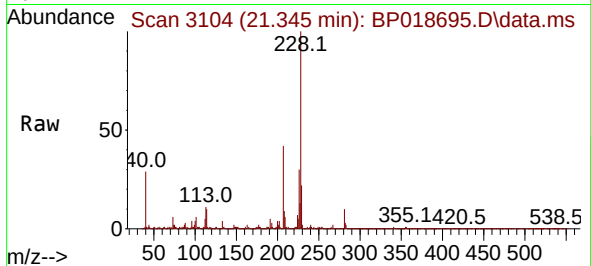
#87
Chrysene
Concen: 1.962 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP018695.D
Acq: 08 Dec 2023 04:12

Instrument :
BNA_P
ClientSampleId :
C0AA7

Tgt Ion:228 Resp: 307385
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 21.6 15.6 23.4

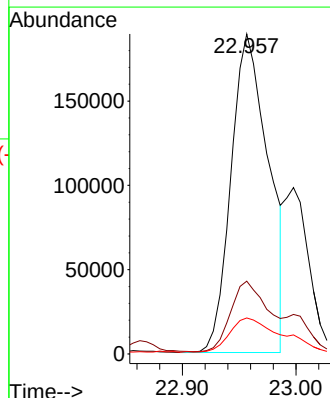
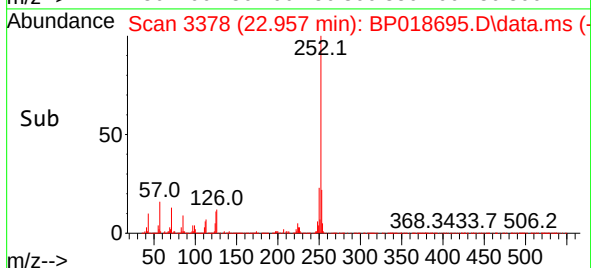
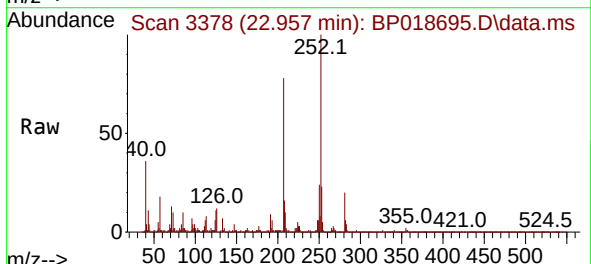
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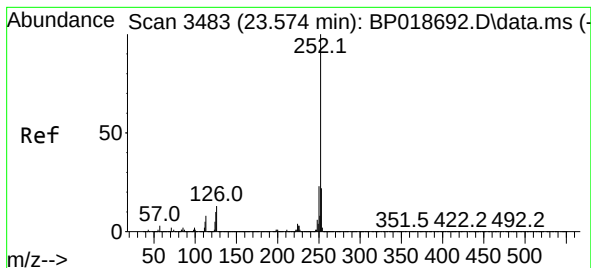
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#90
Benzo(b)fluoranthene
Concen: 2.347 ng/ul
RT: 22.957 min Scan# 3378
Delta R.T. -0.006 min
Lab File: BP018695.D
Acq: 08 Dec 2023 04:12

Tgt Ion:252 Resp: 433126
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 11.3 7.8 11.6





#93

Benzo(a)pyrene

Concen: 1.712 ng/ul

RT: 23.574 min Scan# 3483

Delta R.T. -0.012 min

Lab File: BP018695.D

Acq: 08 Dec 2023 04:12

Instrument :

BNA_P

ClientSampleId :

C0AA7

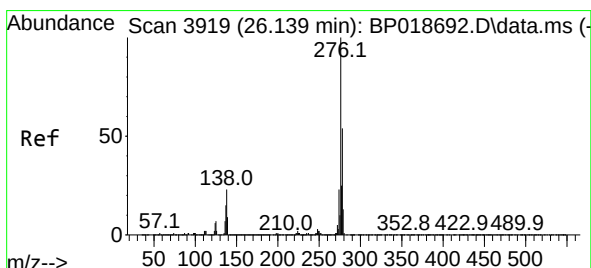
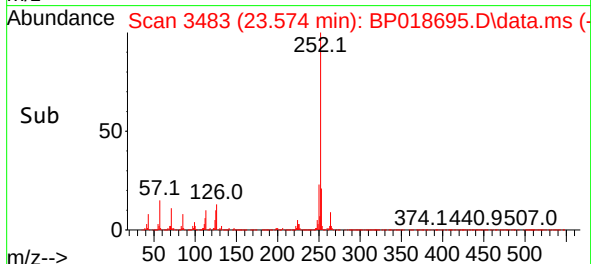
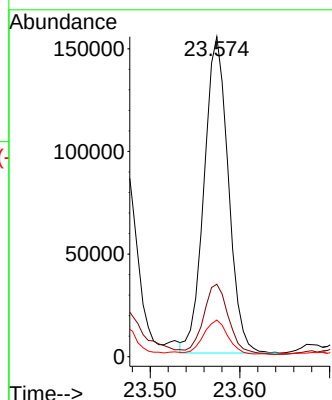
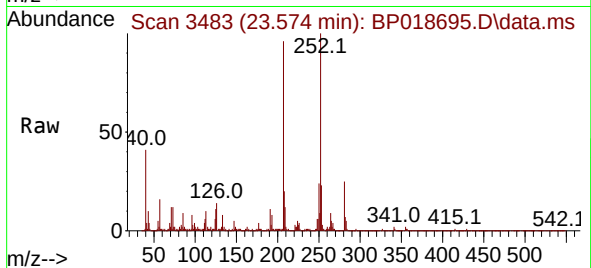
Tgt Ion:	252	Resp:	288740
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	11.4	9.2	13.8

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.049 ng/ul

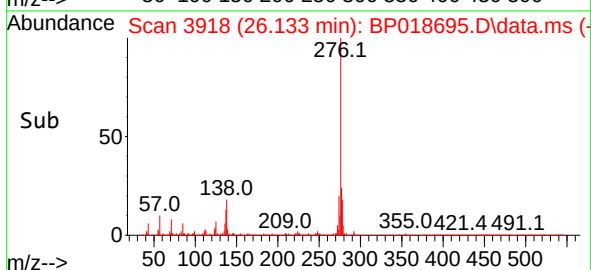
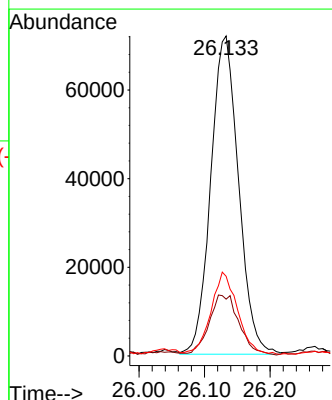
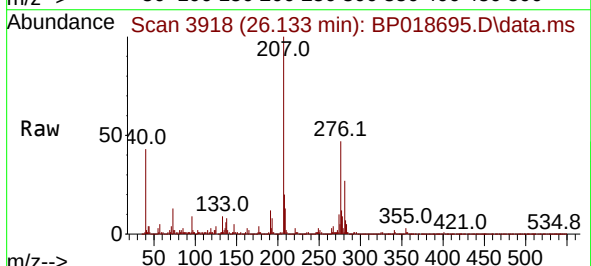
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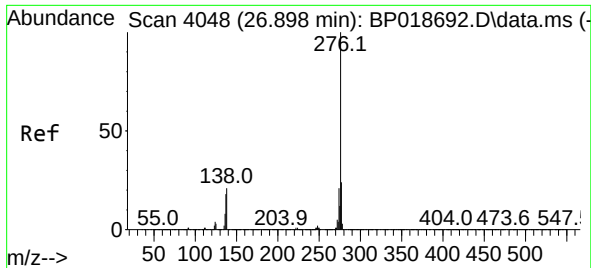
Delta R.T. -0.024 min

Lab File: BP018695.D

Acq: 08 Dec 2023 04:12

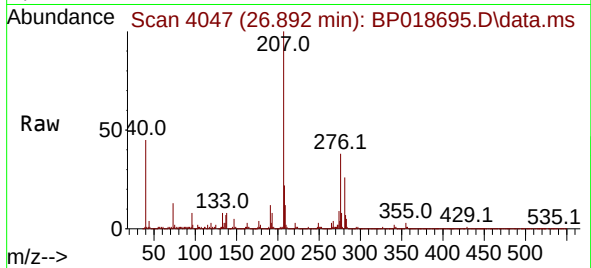
Tgt Ion:	276	Resp:	211325
Ion Ratio	Lower	Upper	
276	100		
138	17.8	19.4	29.2#
277	24.9	19.8	29.6





#96
 Benzo(g,h,i)perylene
 Concen: 1.140 ng/ul
 RT: 26.892 min Scan# 4047
 Delta R.T. -0.024 min
 Lab File: BP018695.D
 Acq: 08 Dec 2023 04:12

Instrument :
 BNA_P
 ClientSampleId :
 C0AA7



Tgt Ion: 276 Resp: 18477
 Ion Ratio Lower Upper
 276 100
 138 21.7 18.1 27.1
 277 21.9 19.4 29.0

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