

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
 Data File : BP018696.D
 Acq On : 08 Dec 2023 04:45
 Operator : MA/JU
 Sample : 05459-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COAK0

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 05:18:57 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	254940	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.640	136	961777	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.475	164	596490	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.222	188	1430966	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1582856	20.000	ng/u1	0.00
88) Perylene-d12	23.674	264	1822002	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	20143	2.692	ng/uL	0.00
4) Pyridine-d5	3.693	84	20643	1.030	ng/u1	0.00
7) Phenol-d5	7.011	99	330969	12.936	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	207703	13.698	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.375	132	263921	13.220	ng/u1	-0.01
15) 4-Methylphenol-d8	8.558	113	152619	7.371	ng/u1	-0.01
21) Nitrobenzene-d5	9.005	128	123084	14.379	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.728	143	124900	14.073	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	250166	13.785	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.781	131	138132	5.824	ng/u1	-0.01
46) Dimethylphthalate-d6	13.887	166	810521	15.225	ng/u1	-0.02
49) Acenaphthylene-d8	14.169	160	908825	15.503	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.675	143	109054	12.479	ng/u1	-0.01
60) Fluorene-d10	15.463	176	761167	17.033	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.587	200	61889	7.213	ng/u1	0.00
73) Anthracene-d10	17.322	188	1167446	15.519	ng/u1	0.00
81) Pyrene-d10	19.557	212	1742384	14.141	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.522	264	1790659	16.856	ng/u1	-0.01
Target Compounds					Qvalue	
8) Phenol	7.040	94	50085	1.996	ng/u1	96
16) Acetophenone	8.669	105	244780	7.933	ng/u1	98
36) 2-Methylnaphthalene	12.299	142	42417	1.026	ng/u1	100
72) Phenanthrene	17.263	178	253812	2.937	ng/u1	100
80) Fluoranthene	19.234	202	494552	3.396	ng/u1	97
82) Pyrene	19.586	202	404264	2.751	ng/u1	97
85) Benzo(a)anthracene	21.292	228	283955	2.210	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	95843	1.296	ng/u1	98
87) Chrysene	21.345	228	270418	2.286	ng/u1	98
90) Benzo(b)fluoranthene	22.957	252	481353	3.583	ng/u1	96
91) Benzo(k)fluoranthene	22.992	252	151250m	1.164	ng/u1	
93) Benzo(a)pyrene	23.569	252	329681	2.686	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.127	276	259031	1.766	ng/u1	95
96) Benzo(g,h,i)perylene	26.886	276	178714	1.514	ng/u1	97

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

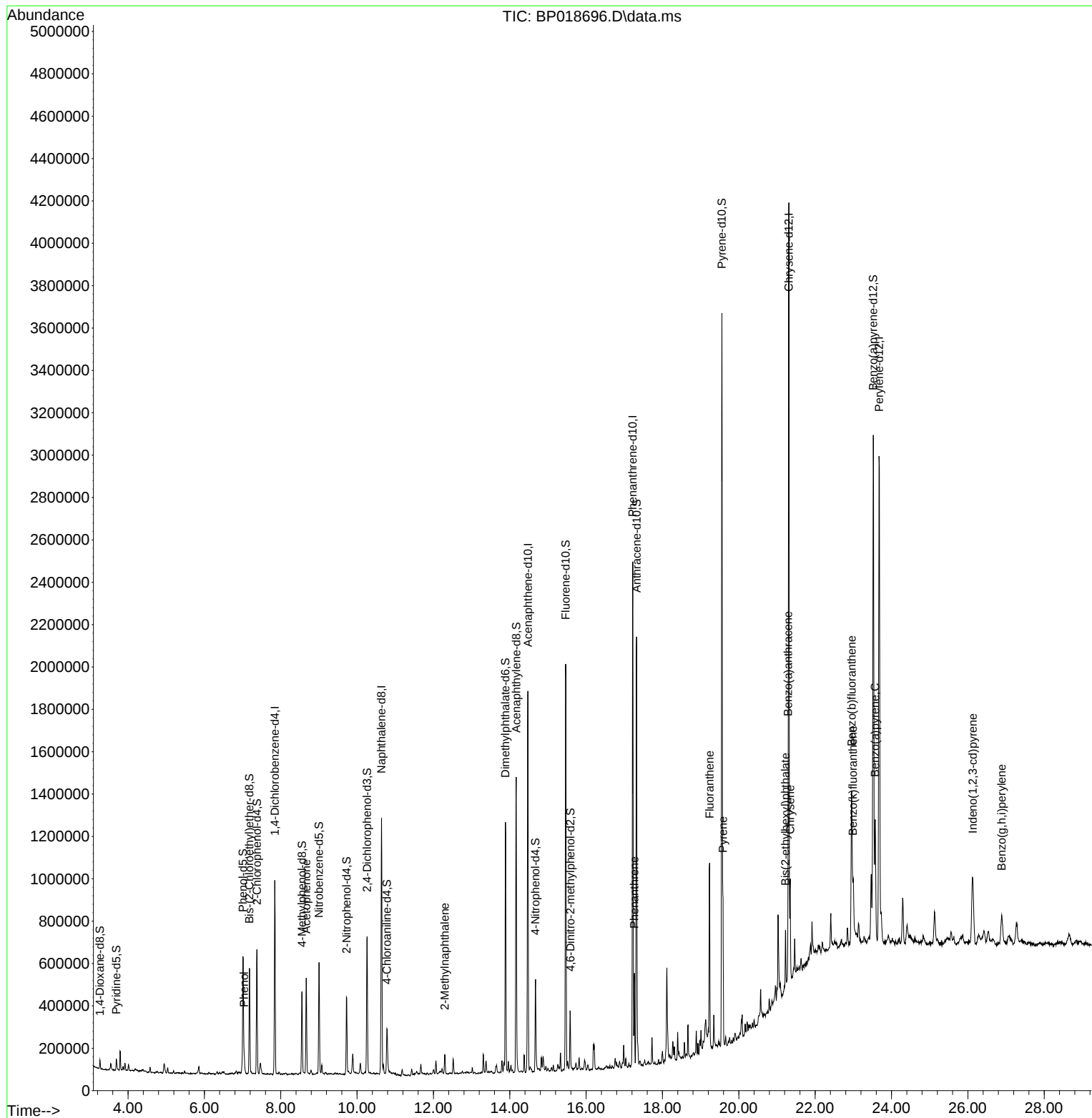
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018696.D
Acq On : 08 Dec 2023 04:45
Operator : MA/JU
Sample : 05459-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

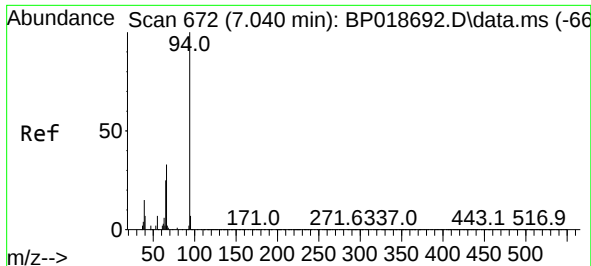
Instrument :
BNA_P
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Quant Time: Dec 08 05:18:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

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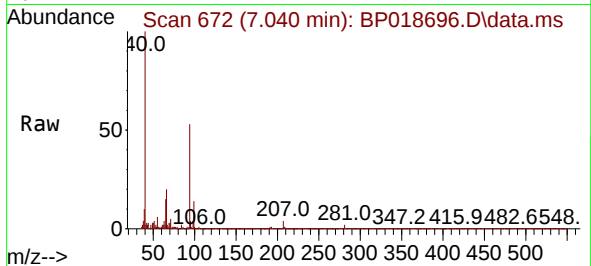
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023





#8
Phenol
Concen: 1.996 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP018696.D
Acq: 08 Dec 2023 04:45

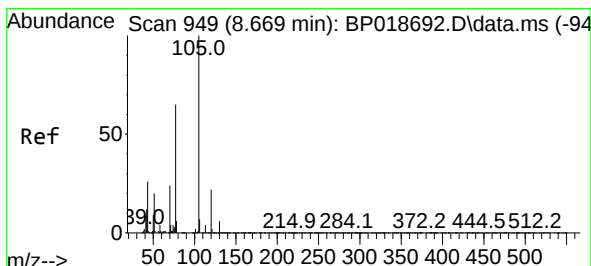
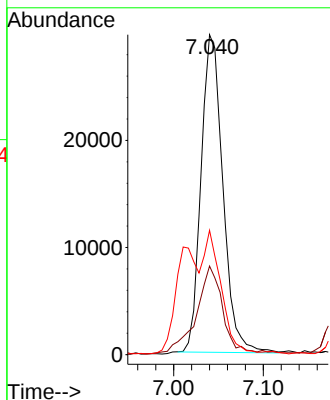
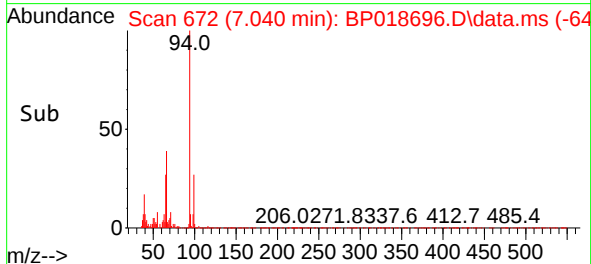
Instrument :
BNA_P
ClientSampleId :
C0AK0



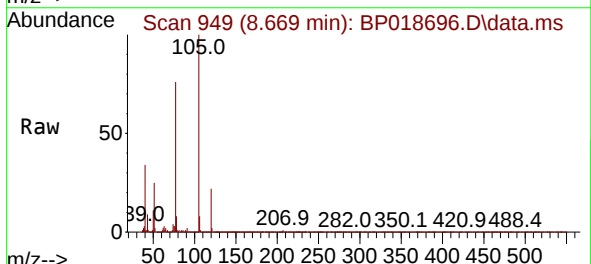
Tgt Ion: 94 Resp: 50085
Ion Ratio Lower Upper
94 100
65 27.7 21.0 31.6
66 38.8 28.6 43.0

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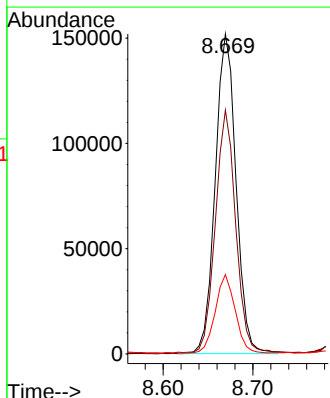
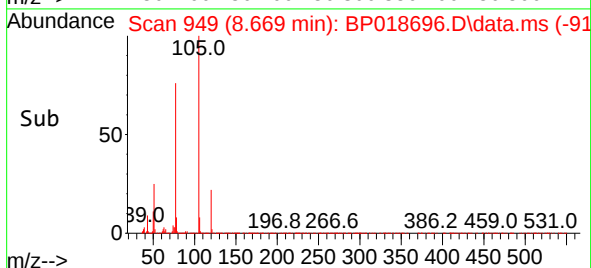
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

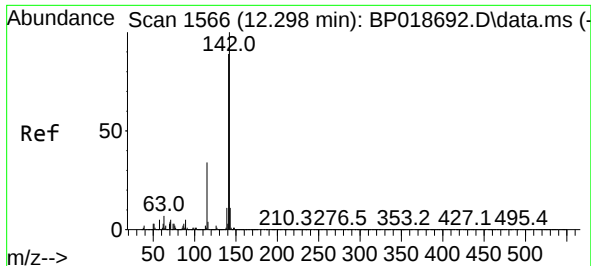


#16
Acetophenone
Concen: 7.933 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP018696.D
Acq: 08 Dec 2023 04:45



Tgt Ion:105 Resp: 244780
Ion Ratio Lower Upper
105 100
77 76.2 59.4 89.0
51 24.8 19.4 29.0





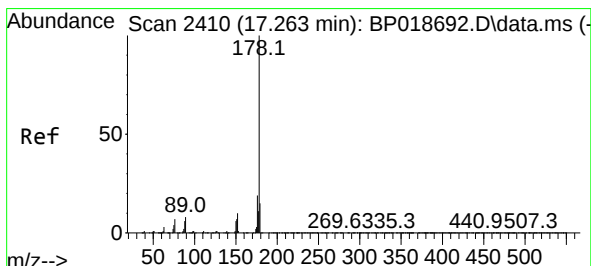
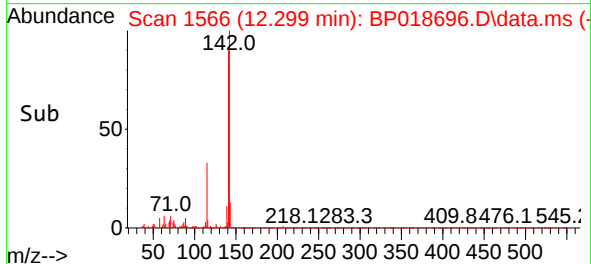
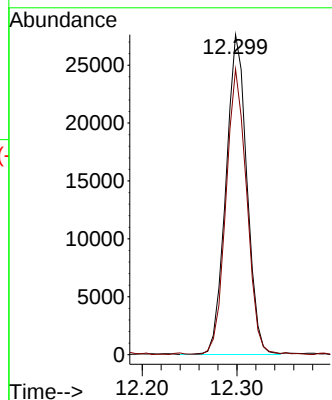
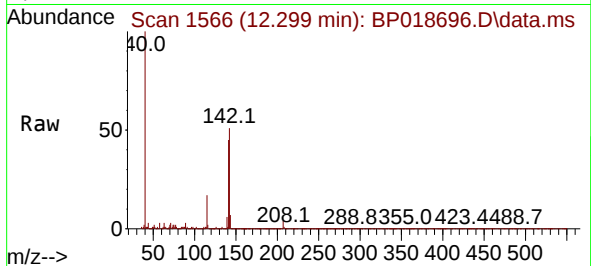
#36
2-Methylnaphthalene
Concen: 1.026 ng/ul
RT: 12.299 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BP018696.D
Acq: 08 Dec 2023 04:45

Instrument :
BNA_P
ClientSampleId :
C0AK0

Tgt Ion:142 Resp: 4241
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0

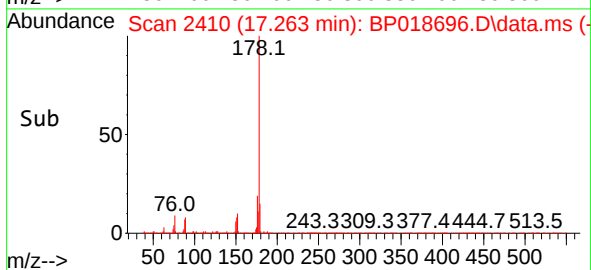
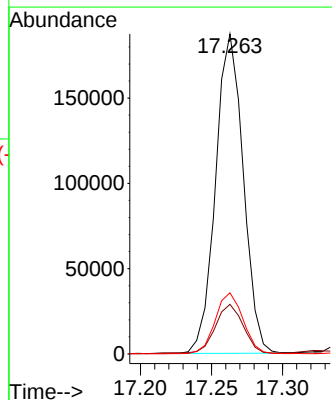
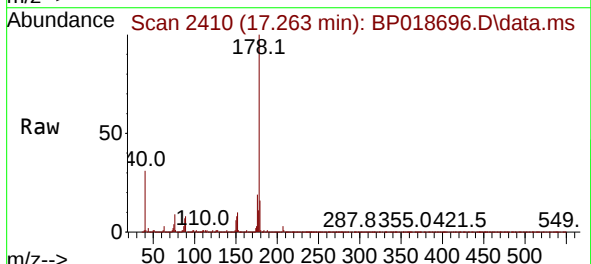
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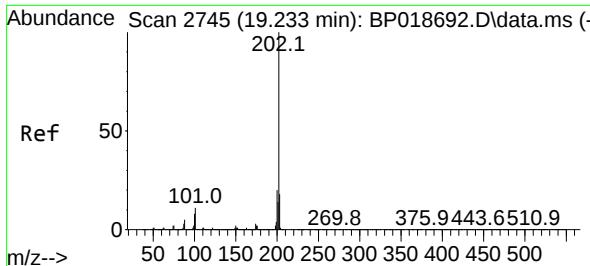
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#72
Phenanthrene
Concen: 2.937 ng/ul
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP018696.D
Acq: 08 Dec 2023 04:45

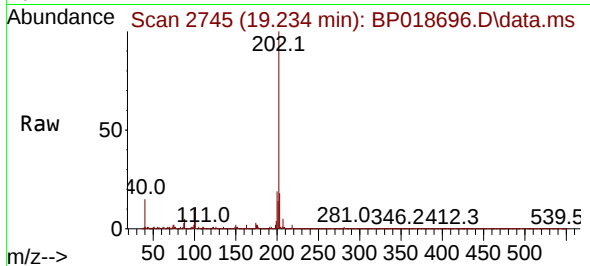
Tgt Ion:178 Resp: 253812
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.1 15.4 23.2





#80
Fluoranthene
Concen: 3.396 ng/ul
RT: 19.234 min Scan# 2745
Delta R.T. -0.006 min
Lab File: BP018696.D
Acq: 08 Dec 2023 04:45

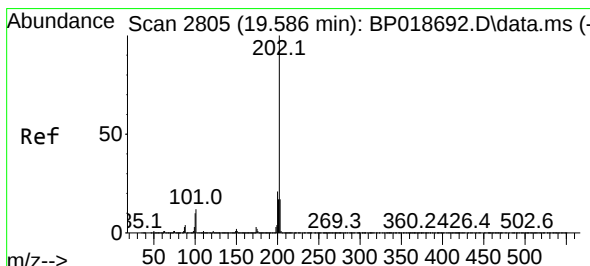
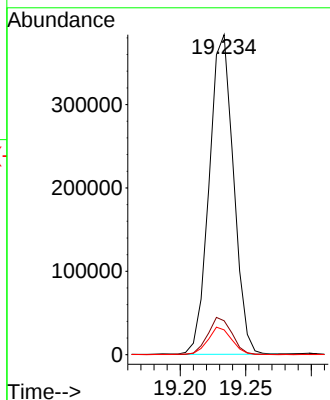
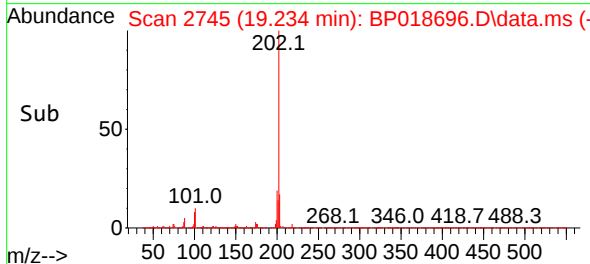
Instrument :
BNA_P
ClientSampleId :
C0AK0



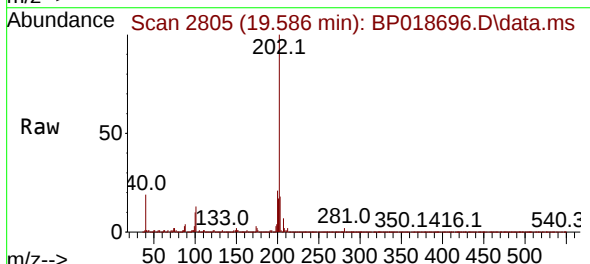
Tgt Ion:202 Resp: 494552
Ion Ratio Lower Upper
202 100
101 10.6 9.1 13.7
100 7.7 7.1 10.7

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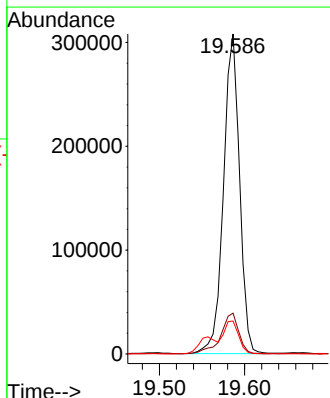
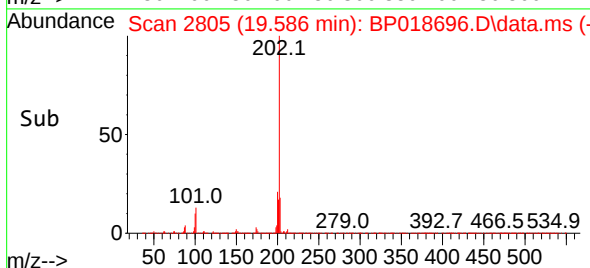
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

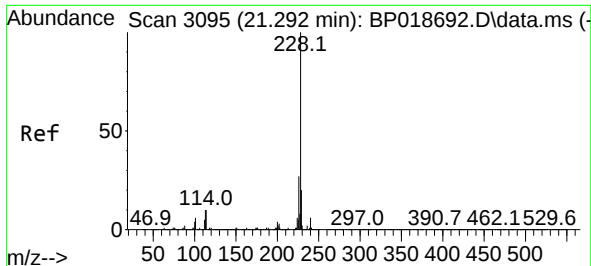


#82
Pyrene
Concen: 2.751 ng/ul
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP018696.D
Acq: 08 Dec 2023 04:45



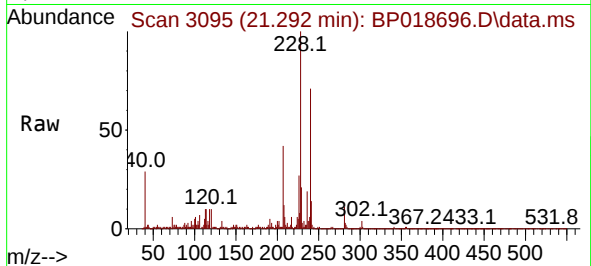
Tgt Ion:202 Resp: 404264
Ion Ratio Lower Upper
202 100
101 12.8 11.0 16.4
100 10.3 9.1 13.7





#85
Benzo(a)anthracene
Concen: 2.210 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BP018696.D
Acq: 08 Dec 2023 04:45

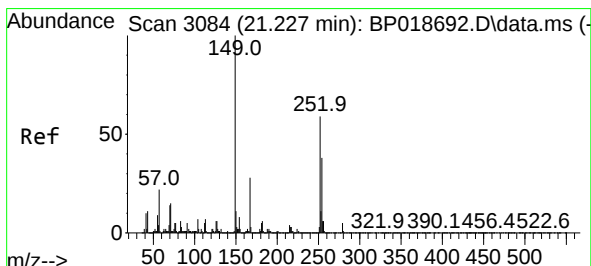
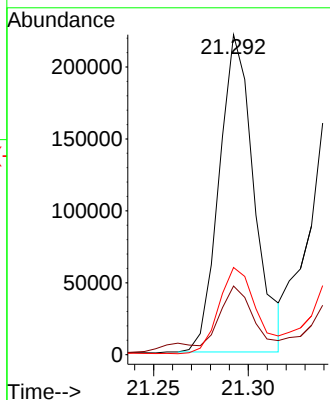
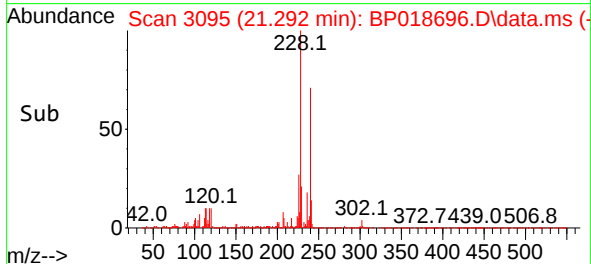
Instrument : BNA_P
ClientSampleId : COAK0



Tgt Ion:228 Resp: 28395
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 27.3 21.9 32.9

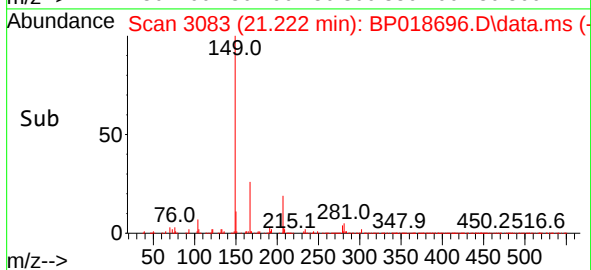
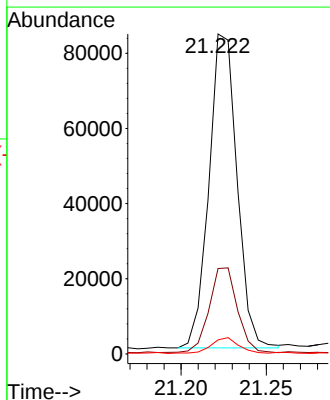
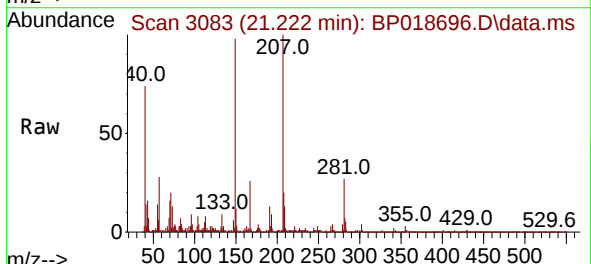
Manual Integrations
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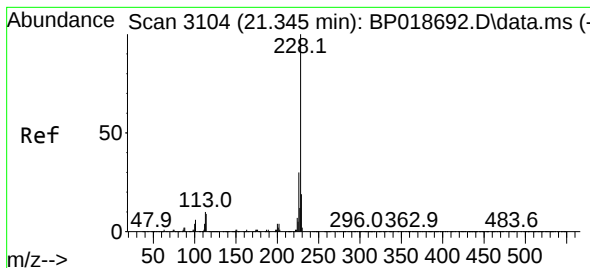
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.296 ng/ul
RT: 21.222 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BP018696.D
Acq: 08 Dec 2023 04:45

Tgt Ion:149 Resp: 95843
Ion Ratio Lower Upper
149 100
167 26.7 22.2 33.2
279 4.4 3.3 4.9





#87

Chrysene

Concen: 2.286 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP018696.D

Acq: 08 Dec 2023 04:45

Instrument :

BNA_P

ClientSampleId :

C0AK0

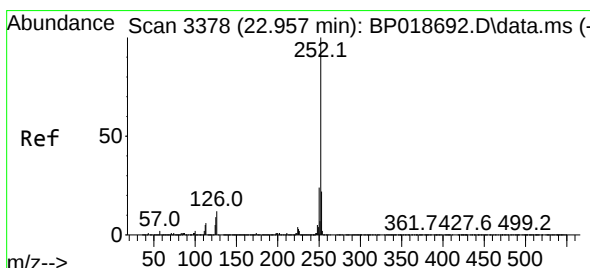
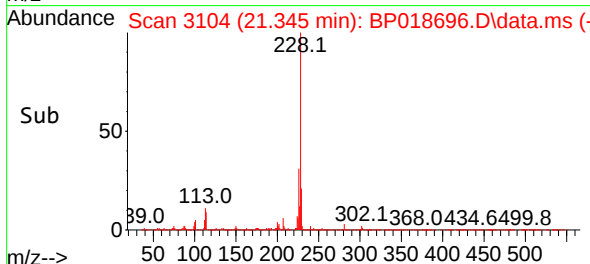
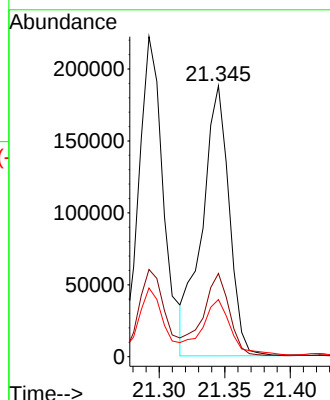
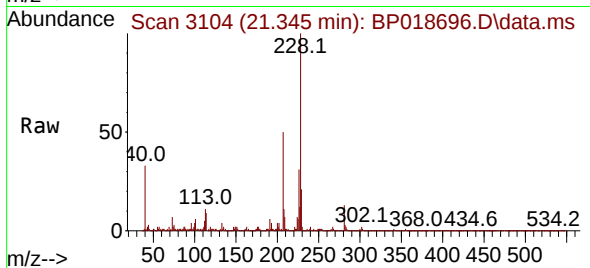
Tgt Ion:	228	Resp:	270418
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.9	35.9
229	21.1	15.6	23.4

Manual Integrations

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Supervised By :mohammad ahmed 12/08/2023



#90

Benzo(b)fluoranthene

Concen: 3.583 ng/ul

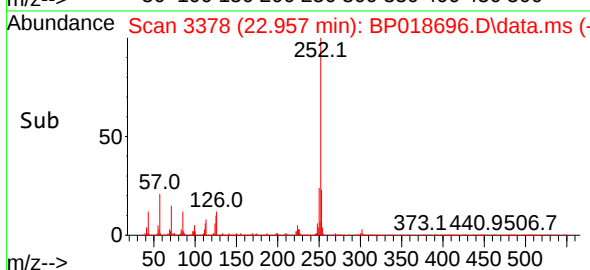
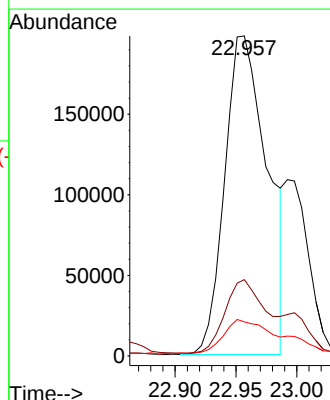
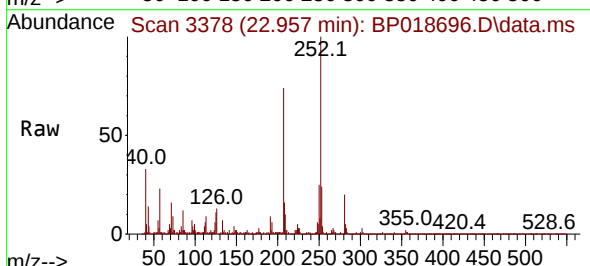
RT: 22.957 min Scan# 3378

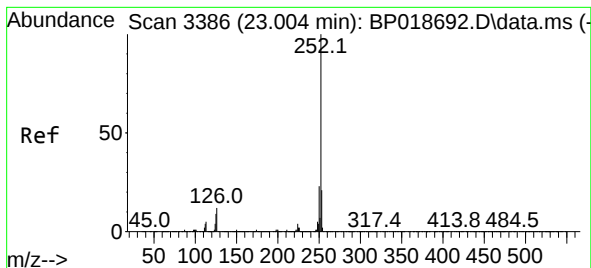
Delta R.T. -0.006 min

Lab File: BP018696.D

Acq: 08 Dec 2023 04:45

Tgt Ion:	252	Resp:	481353
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.3	25.9
125	10.7	7.8	11.6





#91

Benzo(k)fluoranthene

Concen: 1.164 ng/ul m

RT: 22.992 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP018696.D

Acq: 08 Dec 2023 04:45

Instrument :

BNA_P

ClientSampleId :

C0AK0

Tgt Ion:252 Resp: 151250

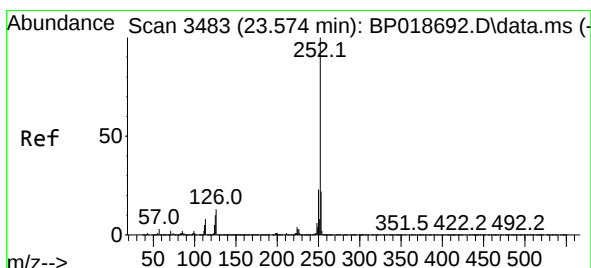
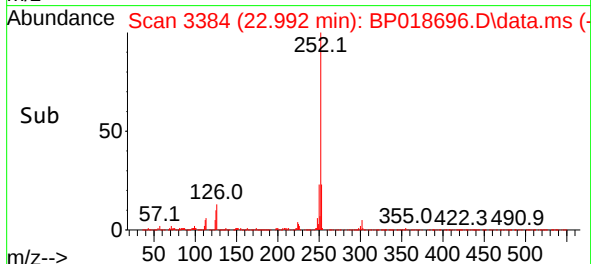
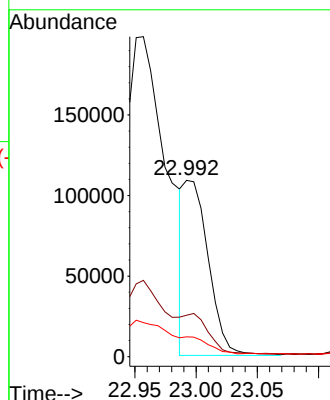
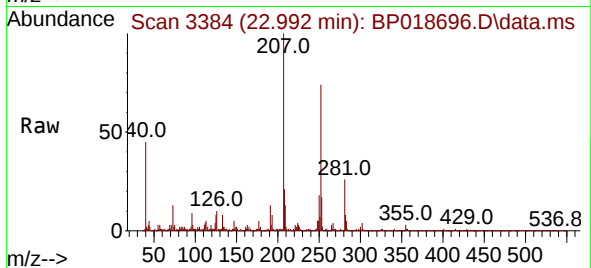
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	11.2	8.0	12.0

Manual Integrations

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Supervised By :mohammad ahmed 12/08/2023



#93

Benzo(a)pyrene

Concen: 2.686 ng/ul

RT: 23.569 min Scan# 3482

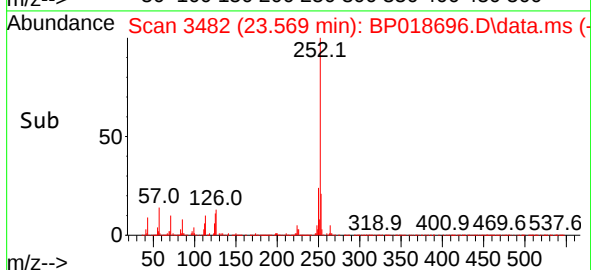
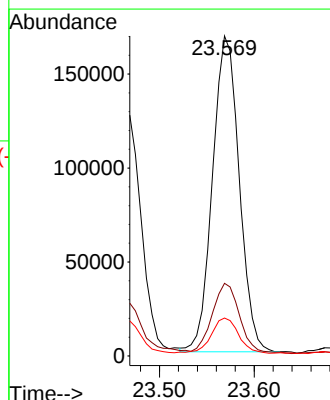
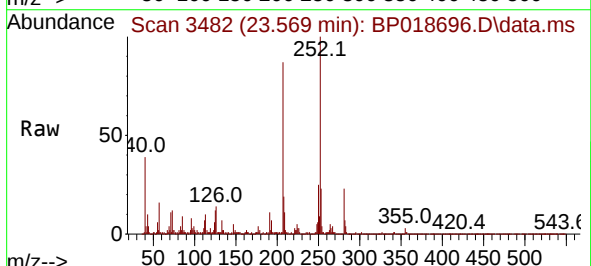
Delta R.T. -0.017 min

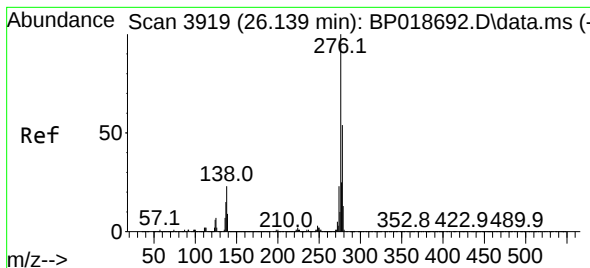
Lab File: BP018696.D

Acq: 08 Dec 2023 04:45

Tgt Ion:252 Resp: 329681

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.8	9.2	13.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.766 ng/ul

RT: 26.127 min Scan# 3919

Delta R.T. -0.029 min

Lab File: BP018696.D

Acq: 08 Dec 2023 04:45

Instrument :

BNA_P

ClientSampleId :

COAK0

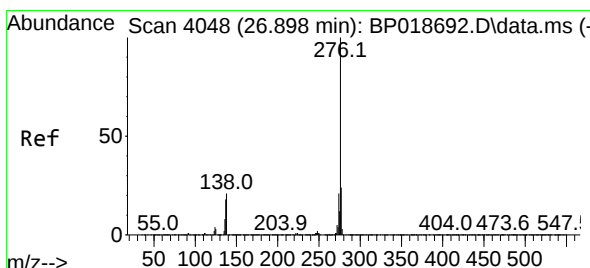
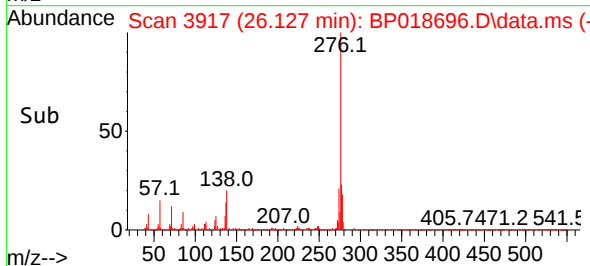
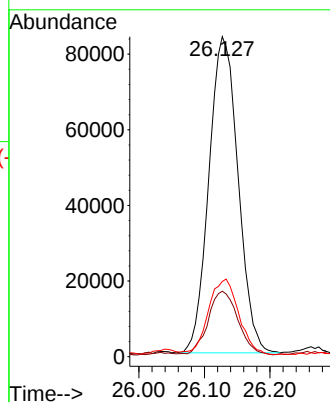
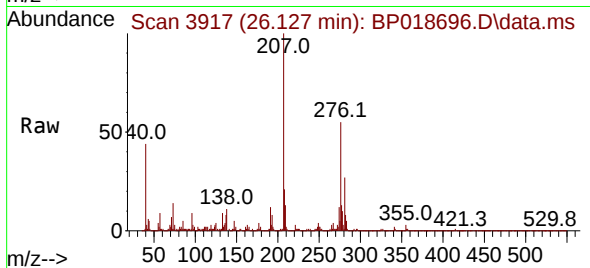
Tgt Ion:	276	Resp:	25903
Ion Ratio	Lower	Upper	
276	100		
138	20.4	19.4	29.2
277	23.5	19.8	29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#96

Benzo(g,h,i)perylene

Concen: 1.514 ng/ul

RT: 26.886 min Scan# 4046

Delta R.T. -0.029 min

Lab File: BP018696.D

Acq: 08 Dec 2023 04:45

Tgt Ion:	276	Resp:	178714
Ion Ratio	Lower	Upper	
276	100		
138	20.6	18.1	27.1
277	25.4	19.4	29.0

