

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016798.D
 Acq On : 28 Aug 2023 18:43
 Operator : MA/JU
 Sample : 04037-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EYZE2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 01:31:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:12:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	431179	20.000	ng/u1	0.00
20) Naphthalene-d8	10.863	136	1853385	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.687	164	1146747	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	2475086	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1891332	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	1695595	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	42916	4.114	ng/uL	0.00
4) Pyridine-d5	3.840	84	22663m	0.711	ng/u1	0.02
7) Phenol-d5	7.169	99	409330	10.676	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	525516	21.506	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	176847	6.135	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	300101	9.588	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	324102	23.128	ng/u1	0.00
24) 2-Nitrophenol-d4	9.946	143	78893	5.341	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	156765	5.693	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	770745	18.251	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	1860454	21.513	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	2435456	24.912	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	47757	2.672	ng/u1	0.00
60) Fluorene-d10	15.681	176	1863008	25.582	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	36833	2.499	ng/u1	0.00
73) Anthracene-d10	17.551	188	2621503	23.895	ng/u1	0.00
81) Pyrene-d10	19.786	212	3108103	29.922	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	2159156	25.422	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.881	105	67237	1.385	ng/u1	99
80) Fluoranthene	19.457	202	244096	1.956	ng/u1	100
82) Pyrene	19.816	202	449367	3.486	ng/u1	99
85) Benzo(a)anthracene	21.533	228	138403	1.062	ng/u1	96
87) Chrysene	21.586	228	513050m	4.335	ng/u1	
90) Benzo(b)fluoranthene	23.321	252	391788	3.618	ng/u1#	82
91) Benzo(k)fluoranthene	23.368	252	107932	1.008	ng/u1#	62
93) Benzo(a)pyrene	24.004	252	134521	1.374	ng/u1#	68
94) Indeno(1,2,3-cd)pyrene	26.845	276	163092	1.630	ng/u1	99
96) Benzo(g,h,i)perylene	27.698	276	180077	2.373	ng/u1	98

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

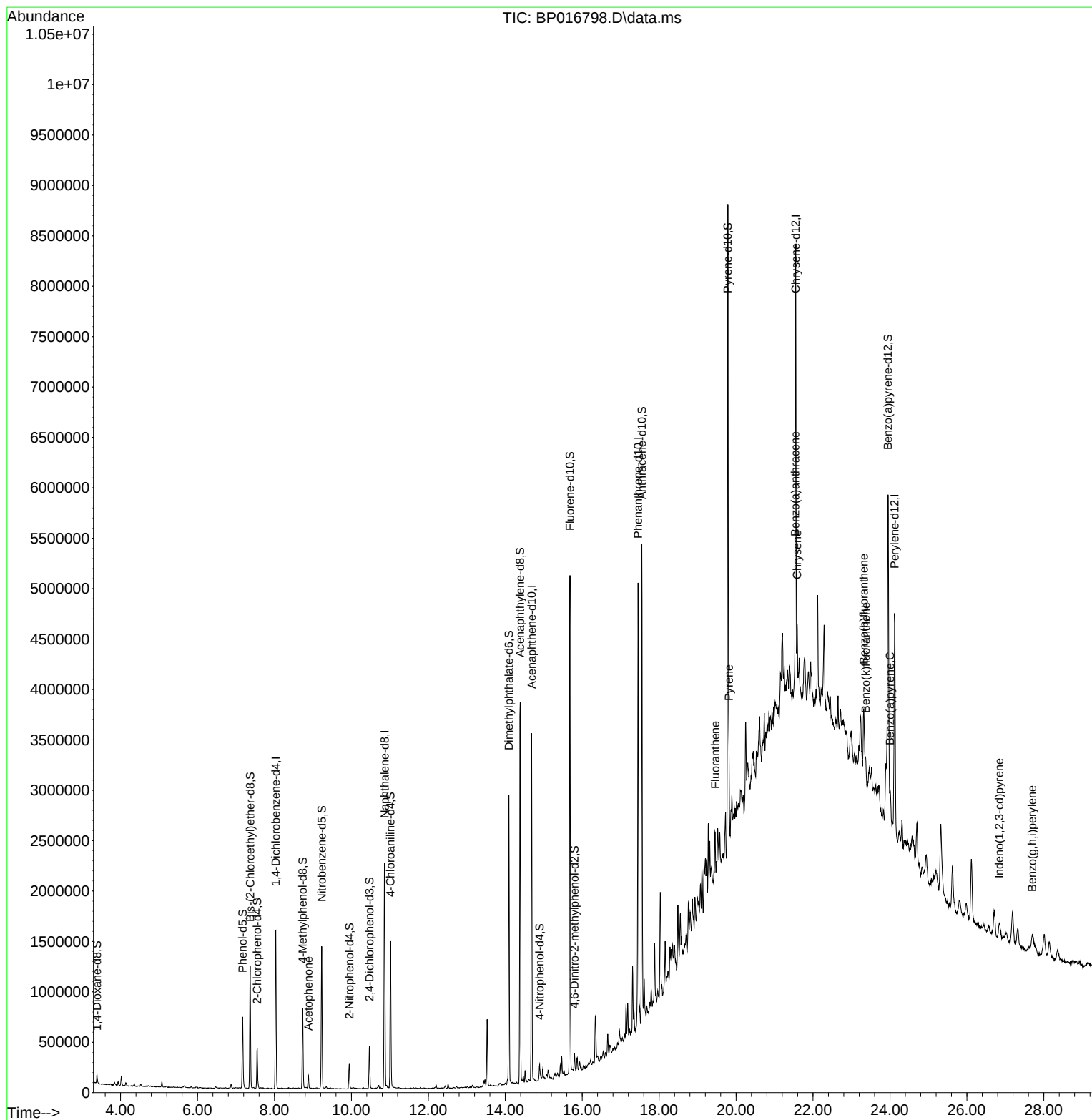
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
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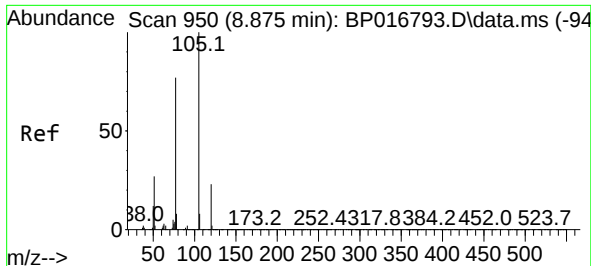
Instrument :
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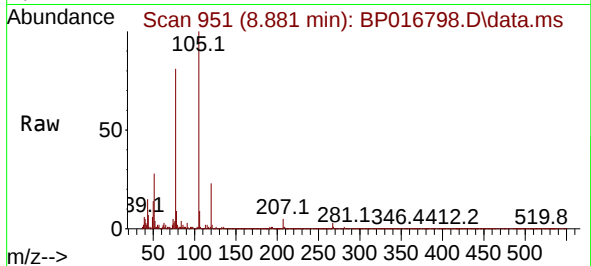
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023





#16
Acetophenone
Concen: 1.385 ng/ul
RT: 8.881 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016798.D
Acq: 28 Aug 2023 18:43

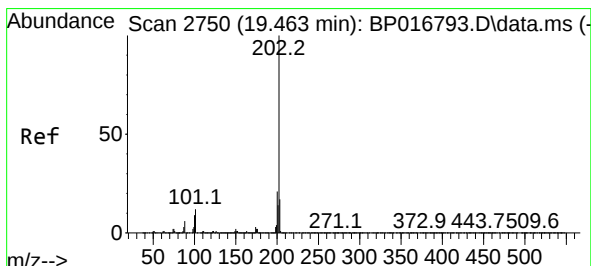
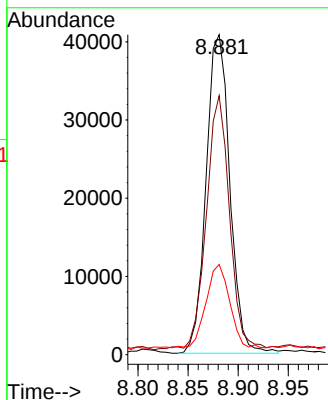
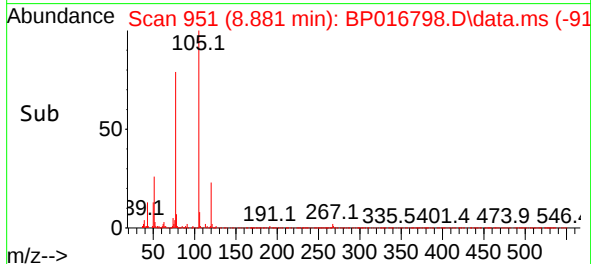
Instrument :
BNA_P
ClientSampleId :
EZY2



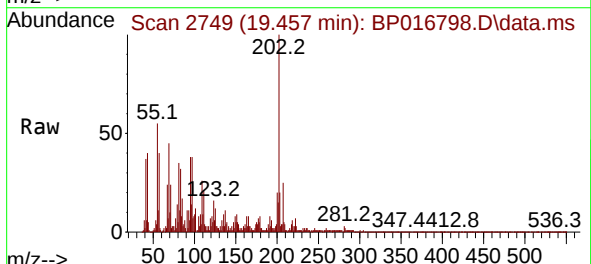
Tgt Ion:105 Resp: 6723
Ion Ratio Lower Upper
105 100
77 81.0 64.2 96.4
51 28.2 22.2 33.4

Manual Integrations
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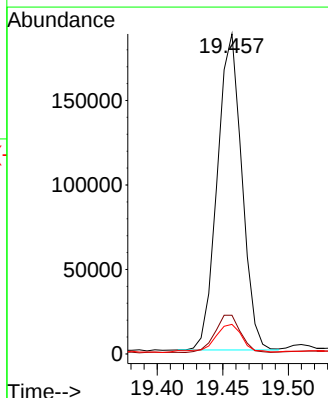
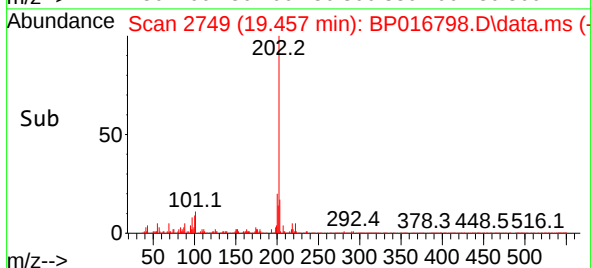
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

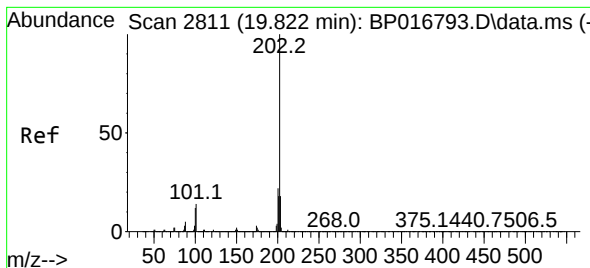


#80
Fluoranthene
Concen: 1.956 ng/ul
RT: 19.457 min Scan# 2749
Delta R.T. 0.000 min
Lab File: BP016798.D
Acq: 28 Aug 2023 18:43



Tgt Ion:202 Resp: 244096
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.3 7.4 11.2





#82

Pyrene

Concen: 3.486 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016798.D

Acq: 28 Aug 2023 18:43

Instrument :

BNA_P

ClientSampleId :

EZY2

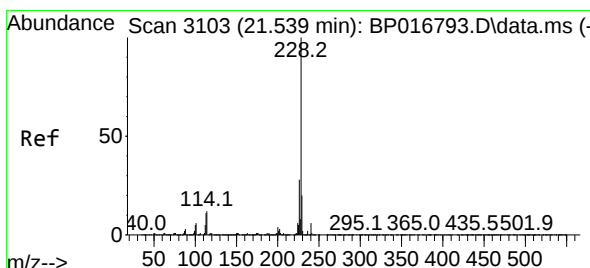
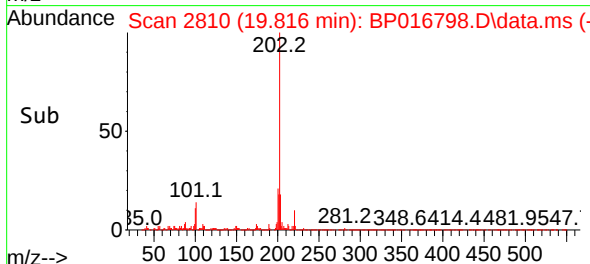
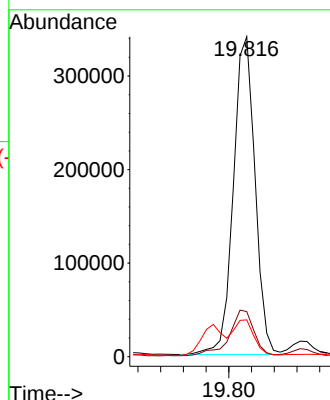
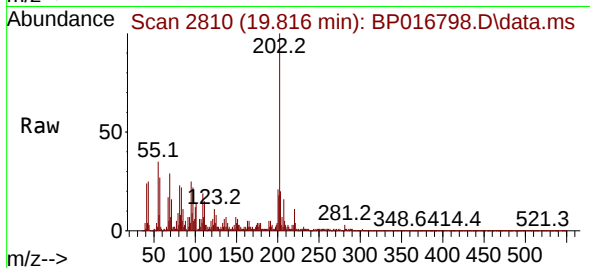
Tgt Ion:202	Resp: 44936
Ion Ratio	Lower Upper
202 100	
101 14.1	11.4 17.2
100 11.5	9.4 14.2

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#85

Benzo(a)anthracene

Concen: 1.062 ng/ul

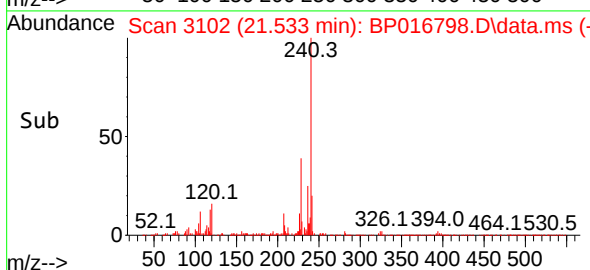
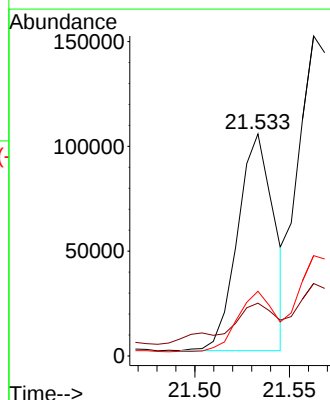
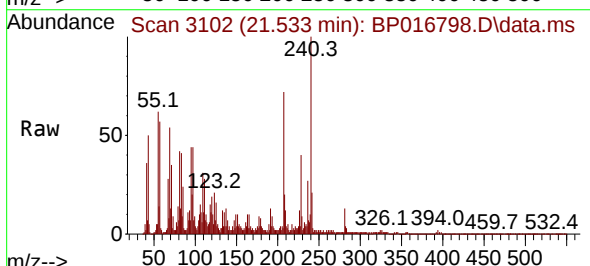
RT: 21.533 min Scan# 3102

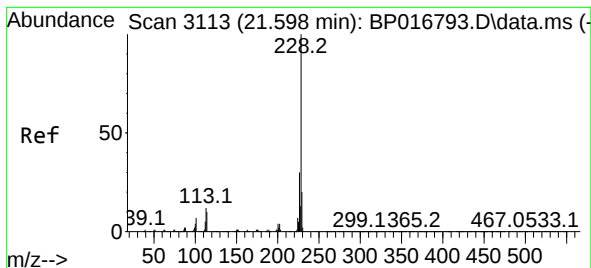
Delta R.T. 0.000 min

Lab File: BP016798.D

Acq: 28 Aug 2023 18:43

Tgt Ion:228	Resp: 138403
Ion Ratio	Lower Upper
228 100	
229 23.8	16.2 24.4
226 29.1	22.9 34.3





#87

Chrysene

Concen: 4.335 ng/ul m

RT: 21.586 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP016798.D

Acq: 28 Aug 2023 18:43

Instrument :

BNA_P

ClientSampleId :

EZY2

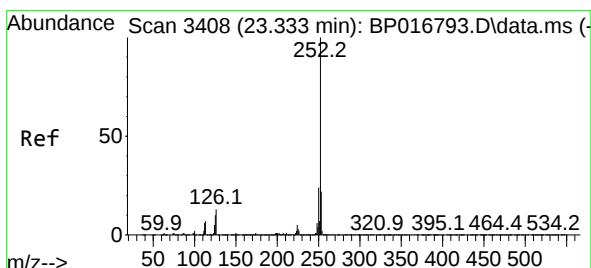
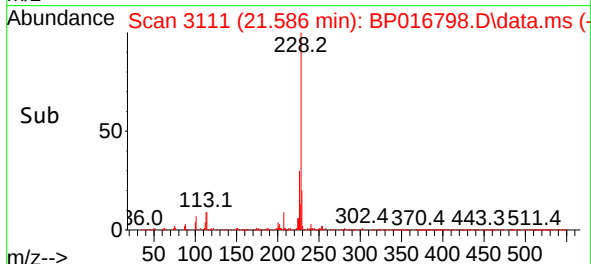
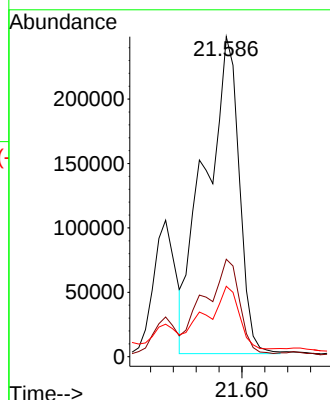
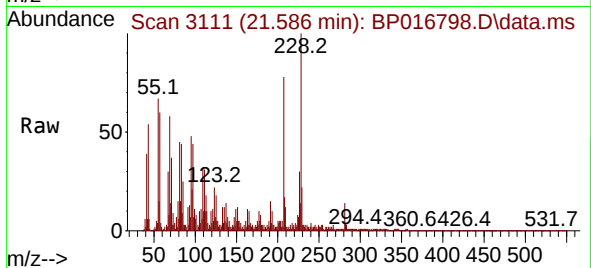
Tgt Ion:228	Resp: 513050
Ion Ratio	Lower Upper
228 100	
226 30.5	25.0 37.4
229 22.0	16.0 24.0

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 3.618 ng/ul

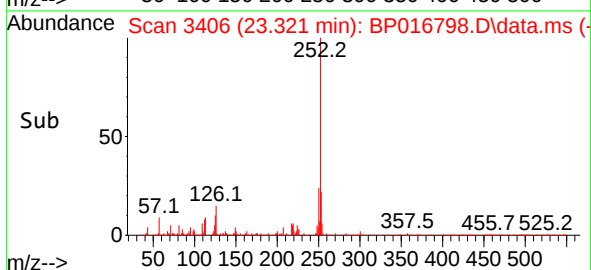
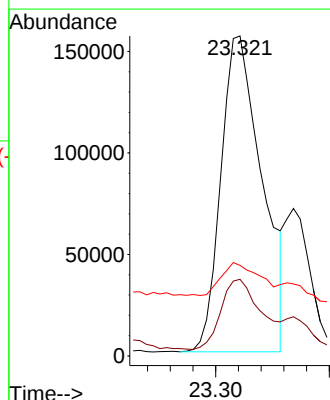
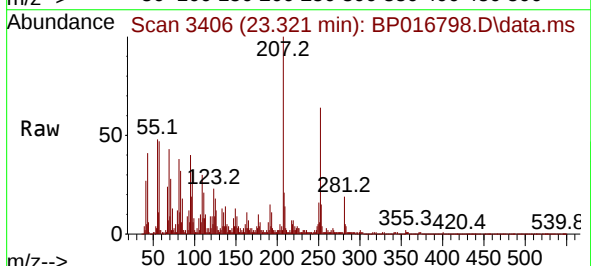
RT: 23.321 min Scan# 3406

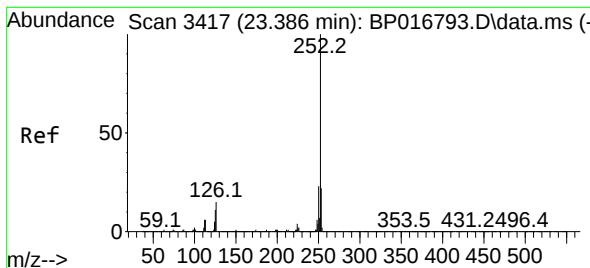
Delta R.T. 0.000 min

Lab File: BP016798.D

Acq: 28 Aug 2023 18:43

Tgt Ion:252	Resp: 391788
Ion Ratio	Lower Upper
252 100	
253 24.0	17.7 26.5
125 28.3	9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 1.008 ng/ul

RT: 23.368 min Scan# 3417

Delta R.T. -0.006 min

Lab File: BP016798.D

Acq: 28 Aug 2023 18:43

Instrument :

BNA_P

ClientSampleId :

EZY2

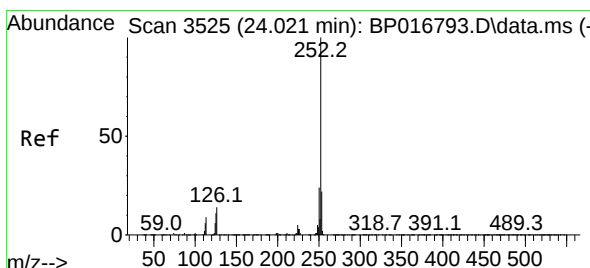
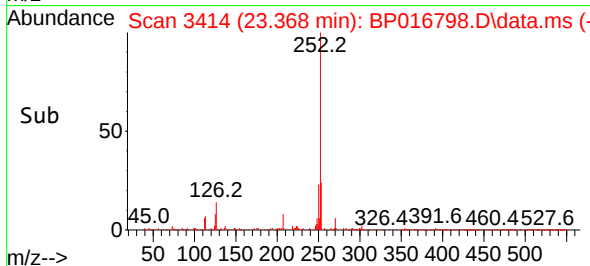
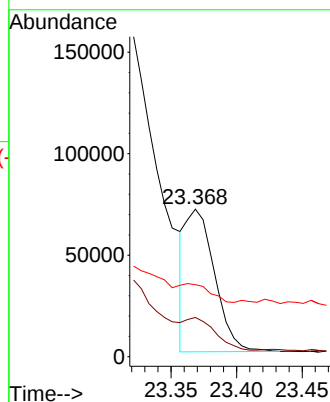
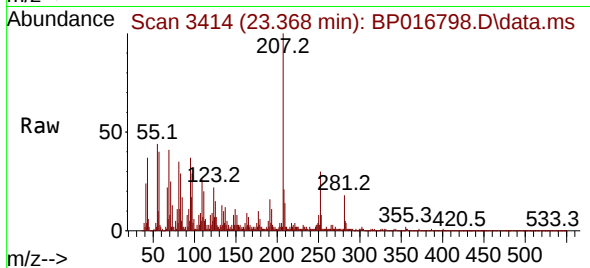
Tgt Ion:252 Resp: 107932
 Ion Ratio Lower Upper
 252 100
 253 26.6 18.1 27.1
 125 48.9 8.9 13.3

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.374 ng/ul

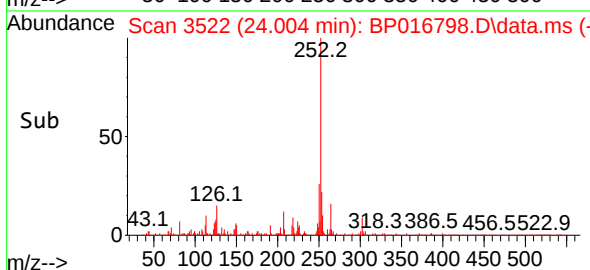
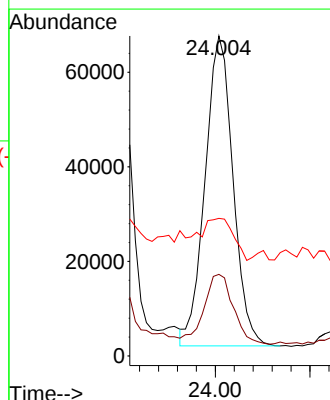
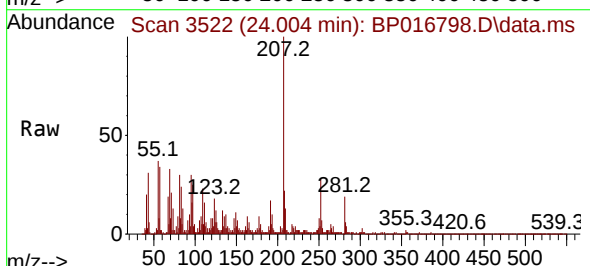
RT: 24.004 min Scan# 3522

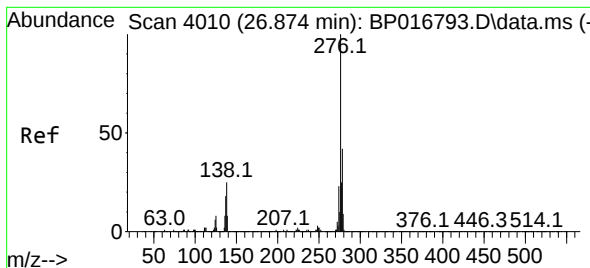
Delta R.T. -0.006 min

Lab File: BP016798.D

Acq: 28 Aug 2023 18:43

Tgt Ion:252 Resp: 134521
 Ion Ratio Lower Upper
 252 100
 253 25.5 17.8 26.8
 125 43.0 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.630 ng/ul

RT: 26.845 min Scan# 4010

Delta R.T. -0.018 min

Lab File: BP016798.D

Acq: 28 Aug 2023 18:43

Instrument :

BNA_P

ClientSampleId :

EZY2

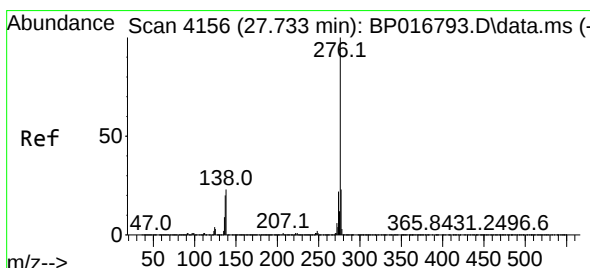
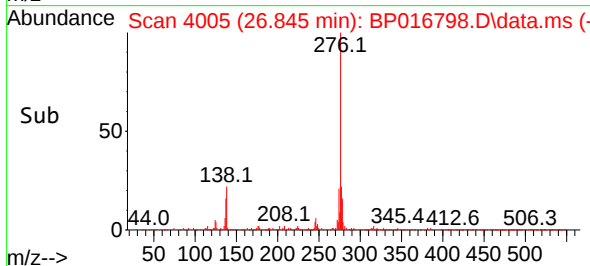
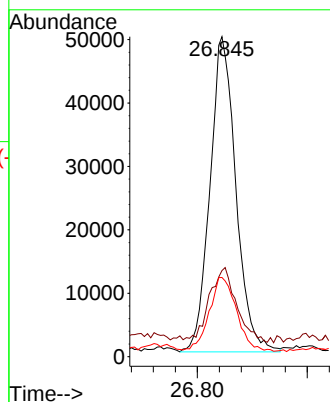
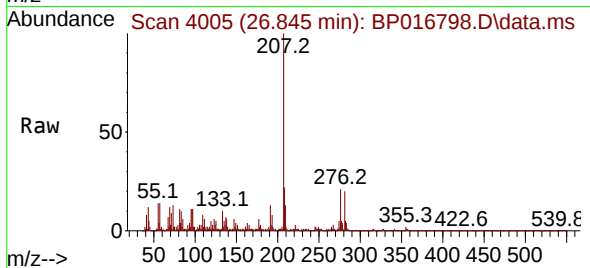
Tgt Ion:	276	Resp:	163092
Ion Ratio	Lower	Upper	
276	100		
138	26.9	20.9	31.3
277	24.8	19.8	29.6

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 08/29/2023



#96

Benzo(g,h,i)perylene

Concen: 2.373 ng/ul

RT: 27.698 min Scan# 4150

Delta R.T. -0.023 min

Lab File: BP016798.D

Acq: 28 Aug 2023 18:43

Tgt Ion:	276	Resp:	180077
Ion Ratio	Lower	Upper	
276	100		
138	26.1	20.2	30.4
277	25.6	19.3	28.9

