

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100124\
 Data File : BP022134.D
 Acq On : 01 Oct 2024 13:48
 Operator : RC/JU
 Sample : P4010-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AW0

Manual Integrations
 APPROVED

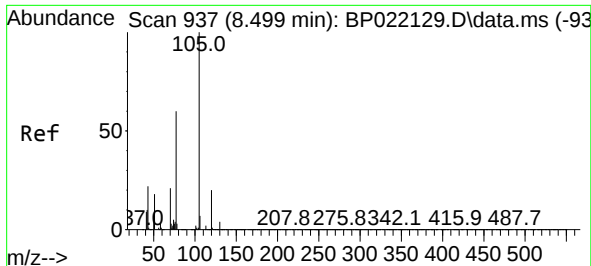
Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 01 23:51:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	118413	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	433897	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.304	164	314263	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.116	188	745880	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	907141	20.000	ng/u1	0.00
88) Perylene-d12	24.810	264	1142032	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	2829	0.936	ng/uL	0.00
4) Pyridine-d5	3.664	84	2700m	0.312	ng/u1	0.03
7) Phenol-d5	6.881	99	44033	4.546	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	30696	5.146	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.240	132	36855	5.259	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	17226	2.244	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	16781	5.167	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	18659	5.067	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.087	165	36737	4.594	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	29612	3.104	ng/u1	-0.01
46) Dimethylphthalate-d6	13.722	166	136900	5.635	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	133895	5.206	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	13032m	3.136	ng/u1	0.00
60) Fluorene-d10	15.316	176	117261	5.457	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	14619	3.157	ng/u1	0.00
73) Anthracene-d10	17.210	188	185182m	5.318	ng/u1	0.00
81) Pyrene-d10	19.586	212	221488	4.713	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	202671	3.374	ng/u1	-0.02
Target Compounds					Qvalue	
16) Acetophenone	8.505	105	38160	2.989	ng/u1	99
72) Phenanthrene	17.157	178	39861	1.019	ng/u1	98
80) Fluoranthene	19.239	202	100379	1.869	ng/u1	99
82) Pyrene	19.616	202	61123	1.057	ng/u1#	95
87) Chrysene	21.586	228	60862	1.037	ng/u1	97
90) Benzo(b)fluoranthene	23.768	252	81590	1.151	ng/u1	98

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



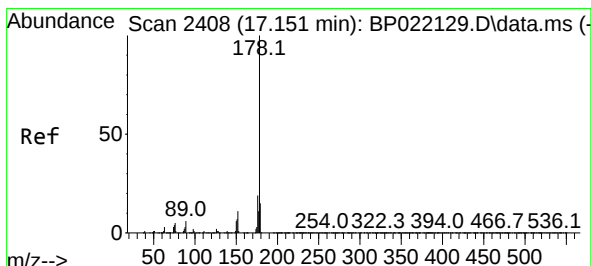
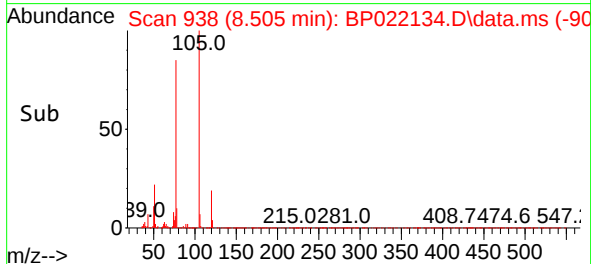
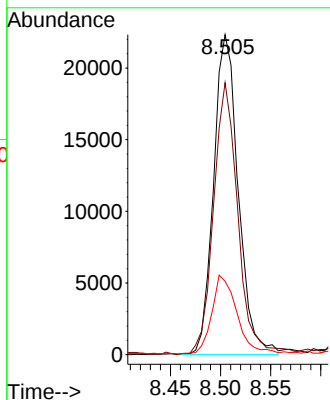
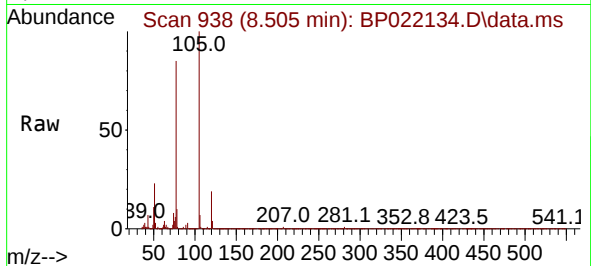
#16
Acetophenone
Concen: 2.989 ng/ul
RT: 8.505 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP022134.D
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Tgt Ion:105 Resp: 38160
Ion Ratio Lower Upper
105 100
77 85.0 67.9 101.9
51 23.0 19.8 29.6

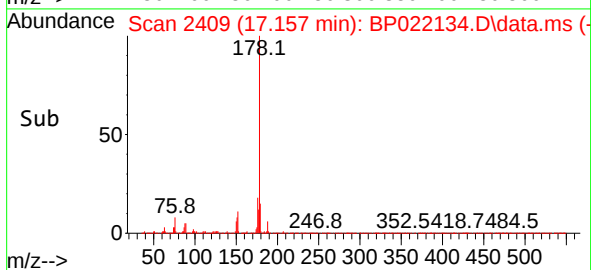
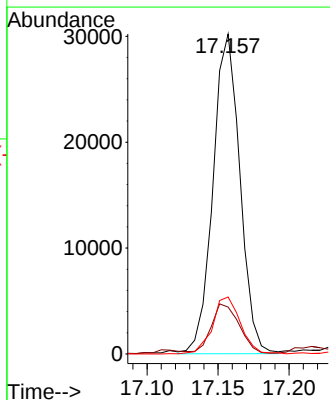
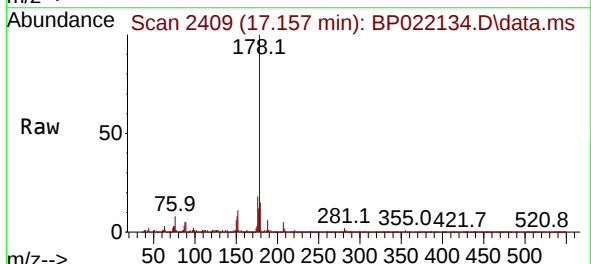
Manual Integrations
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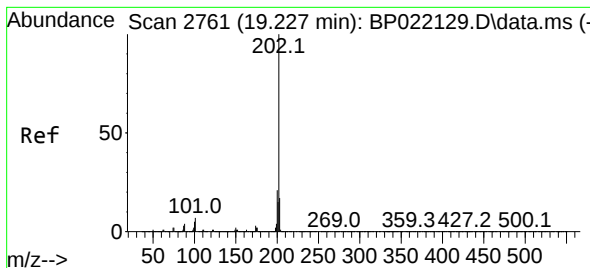
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#72
Phenanthrene
Concen: 1.019 ng/ul
RT: 17.157 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP022134.D
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Tgt Ion:178 Resp: 39861
Ion Ratio Lower Upper
178 100
179 14.6 12.4 18.6
176 17.8 15.0 22.6





#80

Fluoranthene

Concen: 1.869 ng/ul

RT: 19.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP022134.D

Acq: 01 Oct 2024 13:48

Instrument :

BNA_P

ClientSampleId :

COAW0

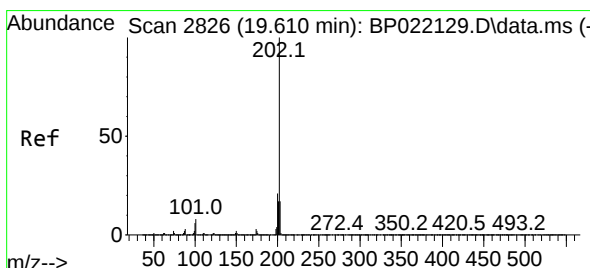
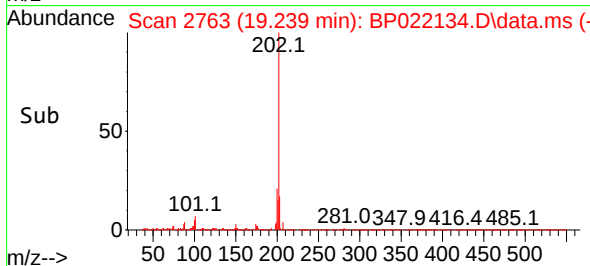
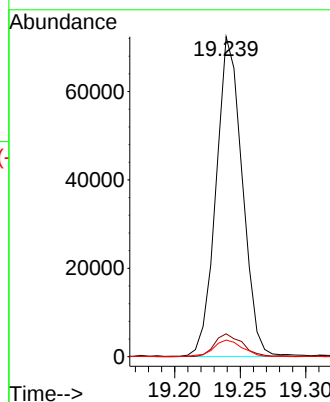
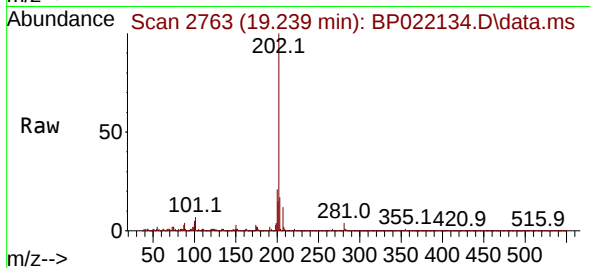
Tgt Ion:	202	Resp:	100379
Ion Ratio	Lower	Upper	
202	100		
101	7.1	5.8	8.6
100	5.2	4.6	7.0

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#82

Pyrene

Concen: 1.057 ng/ul

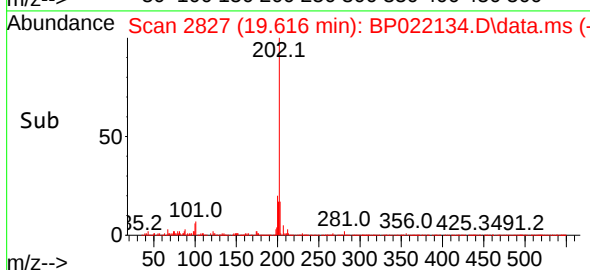
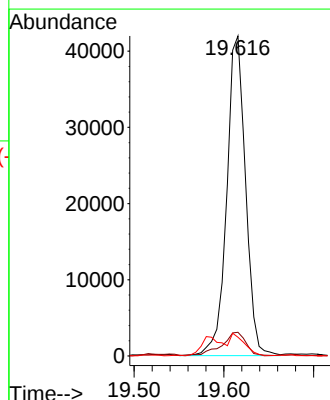
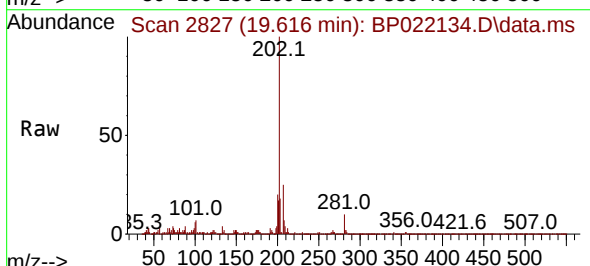
RT: 19.616 min Scan# 2827

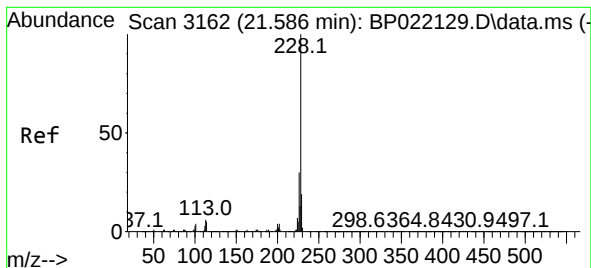
Delta R.T. 0.000 min

Lab File: BP022134.D

Acq: 01 Oct 2024 13:48

Tgt Ion:	202	Resp:	61123
Ion Ratio	Lower	Upper	
202	100		
101	7.4	7.4	11.0
100	5.8	6.2	9.2#





#87

Chrysene

Concen: 1.037 ng/ul

RT: 21.586 min Scan# 3162

Delta R.T. 0.000 min

Lab File: BP022134.D

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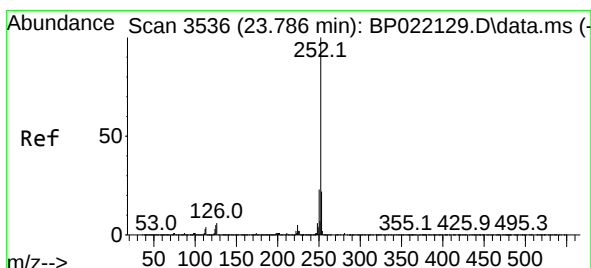
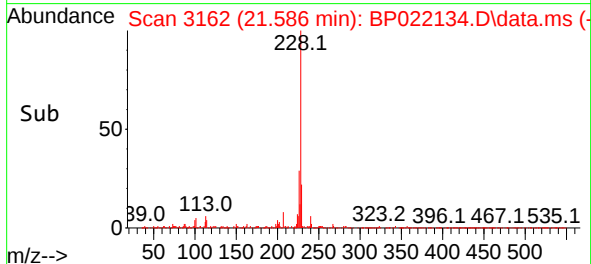
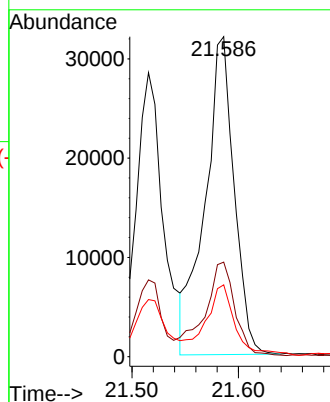
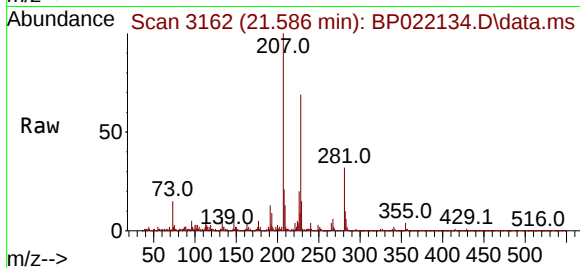
Tgt Ion:	228	Resp:	60862
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.6	35.4
229	22.5	15.7	23.5

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Supervised By :mohammad ahmed 10/04/2024



#90

Benzo(b)fluoranthene

Concen: 1.151 ng/ul

RT: 23.768 min Scan# 3533

Delta R.T. -0.018 min

Lab File: BP022134.D

Acq: 01 Oct 2024 13:48

Tgt Ion:	252	Resp:	81590
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.6
125	5.5	4.8	7.2

