

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012129.D
 Acq On : 14 Oct 2022 10:06
 Operator : CG/JU
 Sample : N5024-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BE8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 14 23:01:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	292418	20.000	ng/u1	0.00
20) Naphthalene-d8	10.652	136	1215878	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	650147	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	1211210	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1281110	20.000	ng/u1	0.00
88) Perylene-d12	23.763	264	1410779	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	18988	2.560	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.016	99	160582	6.828	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	207364	15.534	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.375	132	196233	10.512	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	41577	2.302	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	133092	15.499	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.734	143	125431	14.405	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.275	165	151258	8.963	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	56608	2.276	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	683015	16.588	ng/u1	-0.01
49) Acenaphthylene-d8	14.187	160	781422	15.347	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	5012m	0.620	ng/u1	0.04
60) Fluorene-d10	15.492	176	620403	16.654	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	15628	2.444	ng/u1	0.00
73) Anthracene-d10	17.351	188	756099	14.376	ng/u1	0.00
81) Pyrene-d10	19.592	212	962933	14.672	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.604	264	742763	10.830	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.298	178	473373	7.187	ng/u1	99
80) Fluoranthene	19.269	202	701548	8.723	ng/u1	99
82) Pyrene	19.622	202	579563	6.810	ng/u1	99
85) Benzo(a)anthracene	21.327	228	190750	2.365	ng/u1	99
87) Chrysene	21.380	228	257747	3.321	ng/u1	99
90) Benzo(b)fluoranthene	23.022	252	414303	4.639	ng/u1#	95
91) Benzo(k)fluoranthene	23.063	252	132286m	1.506	ng/u1	
93) Benzo(a)pyrene	23.657	252	196011	2.460	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.268	276	181005	1.797	ng/u1	98
96) Benzo(g,h,i)perylene	27.045	276	154913	1.706	ng/u1#	96

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

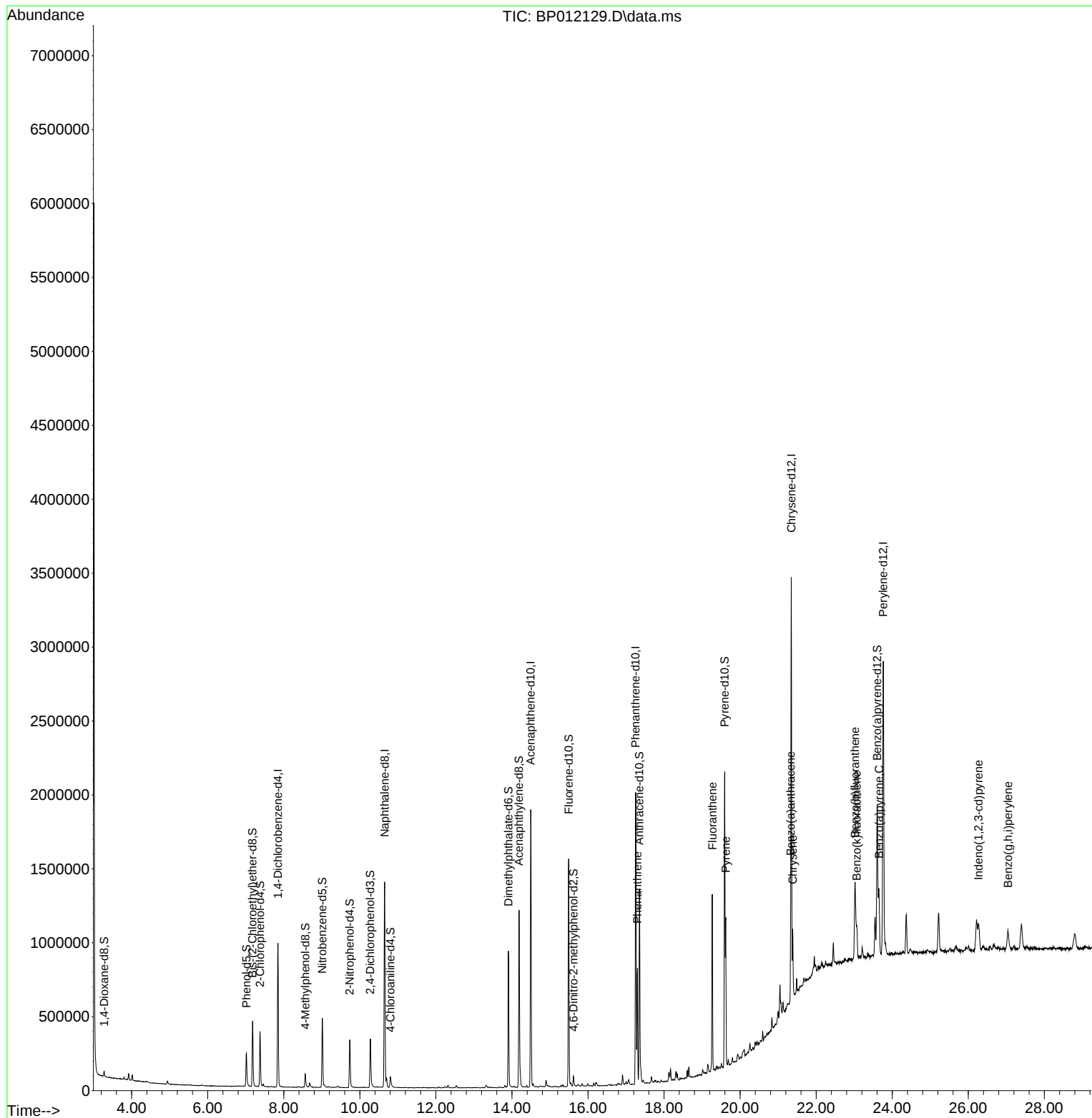
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012129.D
Acq On : 14 Oct 2022 10:06
Operator : CG/JU
Sample : N5024-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

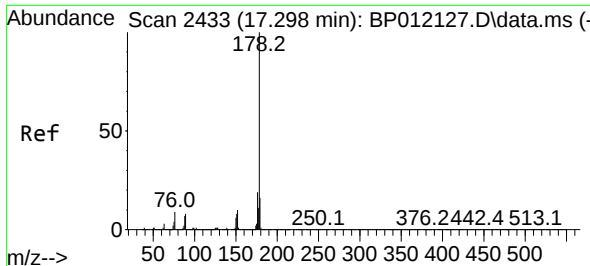
Instrument :
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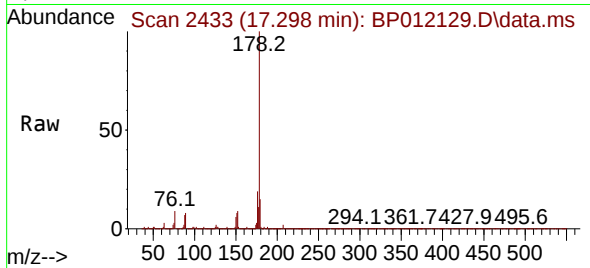
Quant Time: Oct 14 23:01:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration





#72
Phenanthrene
Concen: 7.187 ng/ul
RT: 17.298 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP012129.D
Acq: 14 Oct 2022 10:06

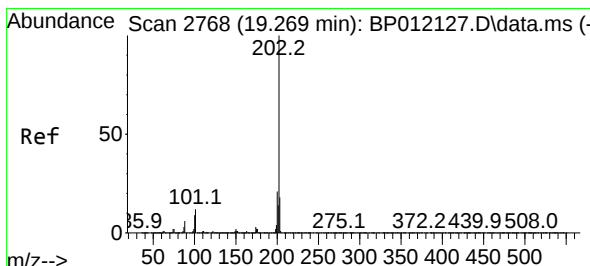
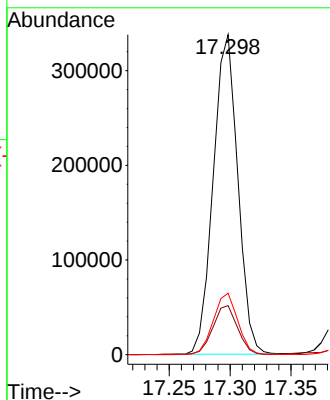
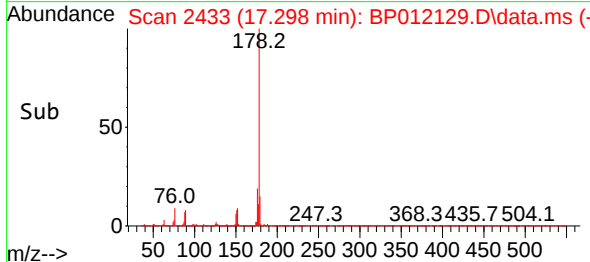
Instrument :
BNA_P
ClientSampleId :
C0BE8



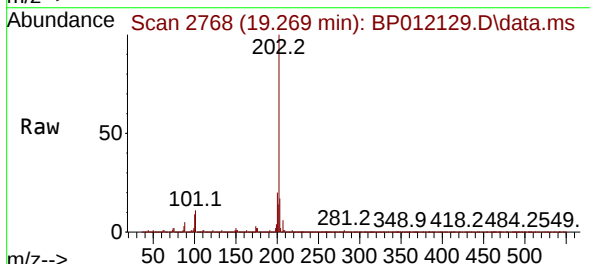
Tgt Ion:178 Resp: 47337
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.2 15.8 23.6

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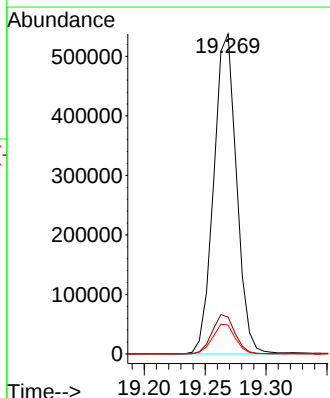
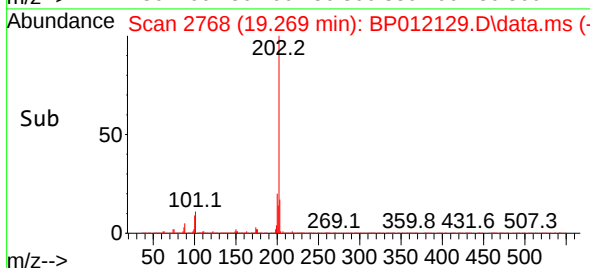
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

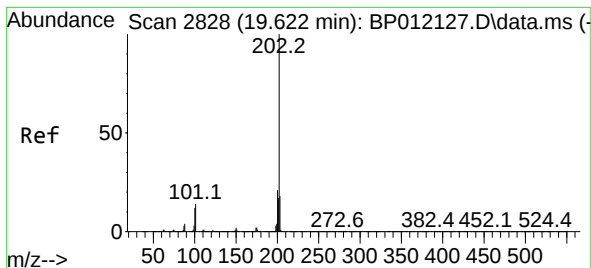


#80
Fluoranthene
Concen: 8.723 ng/ul
RT: 19.269 min Scan# 2768
Delta R.T. 0.000 min
Lab File: BP012129.D
Acq: 14 Oct 2022 10:06



Tgt Ion:202 Resp: 701548
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.6
100 9.1 7.0 10.6





#82

Pyrene

Concen: 6.810 ng/ul

RT: 19.622 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012129.D

Acq: 14 Oct 2022 10:06

Instrument :

BNA_P

ClientSampleId :

C0BE8

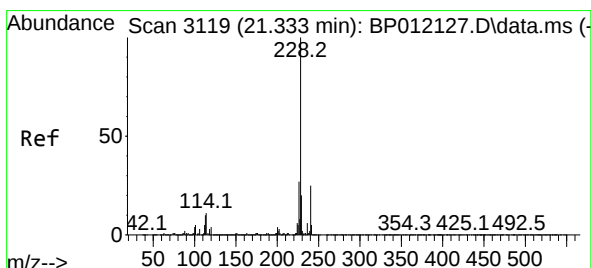
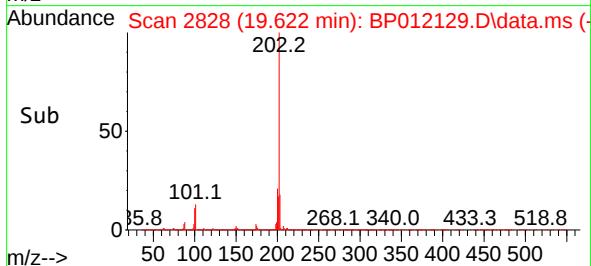
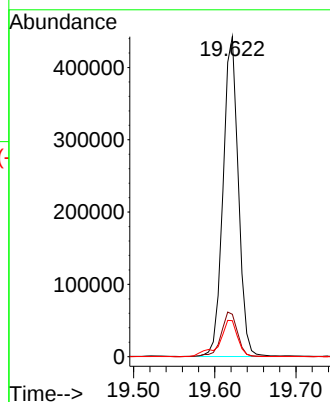
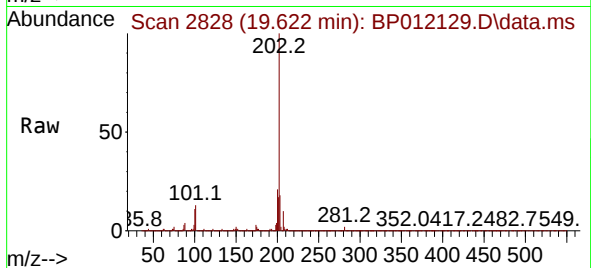
Tgt Ion:202 Resp: 57956
 Ion Ratio Lower Upper
 202 100
 101 13.3 10.4 15.6
 100 11.2 8.5 12.7

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#85

Benzo(a)anthracene

Concen: 2.365 ng/ul

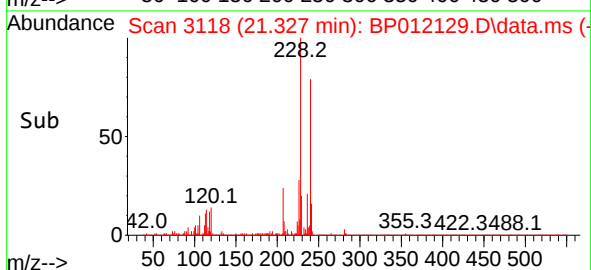
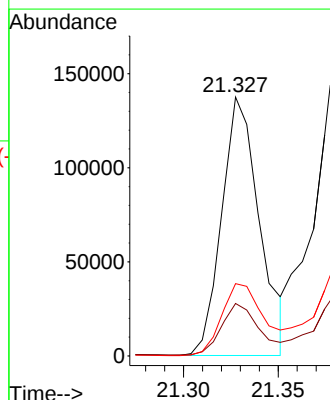
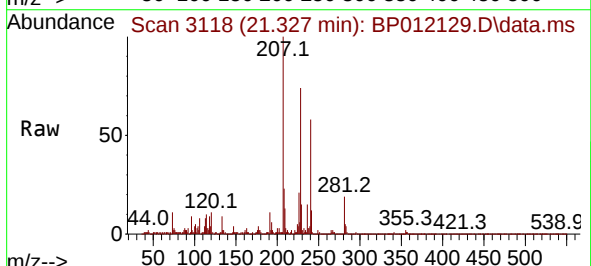
RT: 21.327 min Scan# 3118

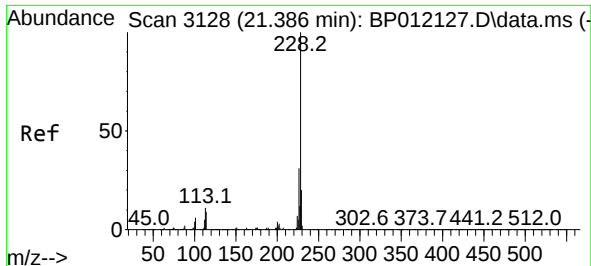
Delta R.T. -0.006 min

Lab File: BP012129.D

Acq: 14 Oct 2022 10:06

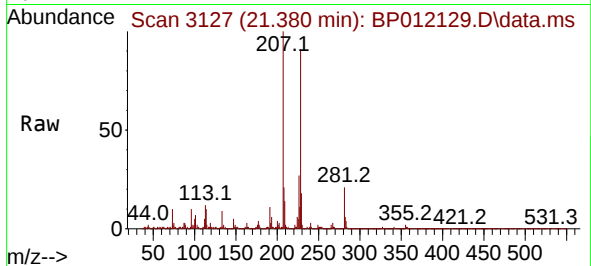
Tgt Ion:228 Resp: 190750
 Ion Ratio Lower Upper
 228 100
 229 20.3 15.7 23.5
 226 27.9 21.9 32.9





#87
Chrysene
Concen: 3.321 ng/ul
RT: 21.380 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP012129.D
Acq: 14 Oct 2022 10:06

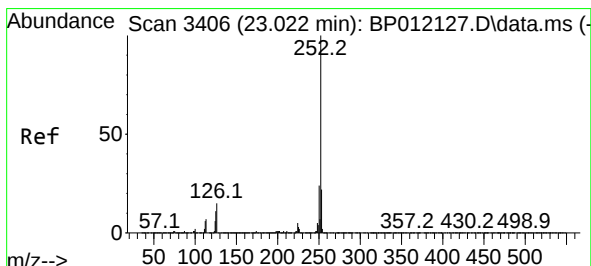
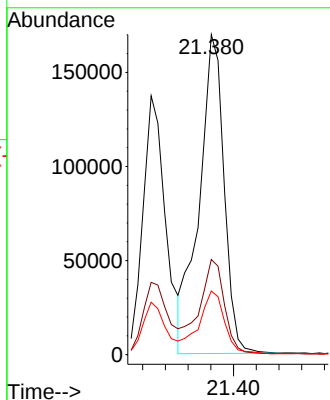
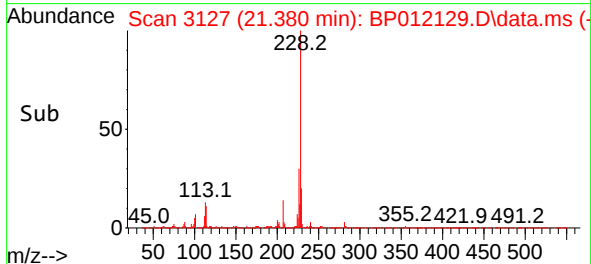
Instrument :
BNA_P
ClientSampleId :
C0BE8



Tgt Ion:228 Resp: 25774
Ion Ratio Lower Upper
228 100
226 29.7 24.0 36.0
229 19.9 15.5 23.3

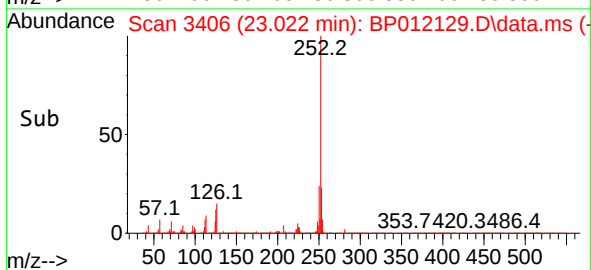
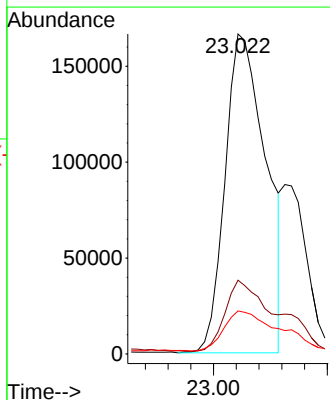
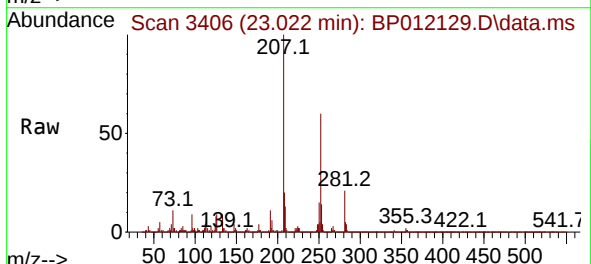
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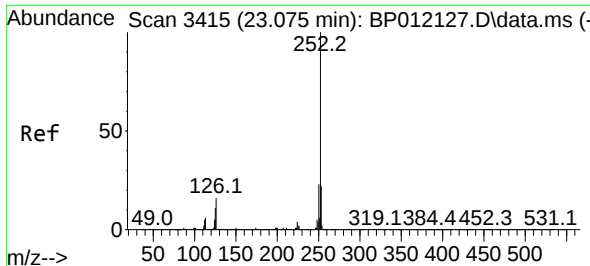
Reviewed By :Yogesh Patel 10/15/2022
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#90
Benzo(b)fluoranthene
Concen: 4.639 ng/ul
RT: 23.022 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BP012129.D
Acq: 14 Oct 2022 10:06

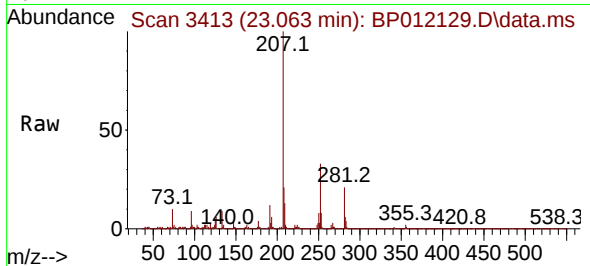
Tgt Ion:252 Resp: 414303
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 13.5 7.8 11.8#





#91
Benzo(k)fluoranthene
Concen: 1.506 ng/ul m
RT: 23.063 min Scan# 3415
Delta R.T. -0.012 min
Lab File: BP012129.D
Acq: 14 Oct 2022 10:06

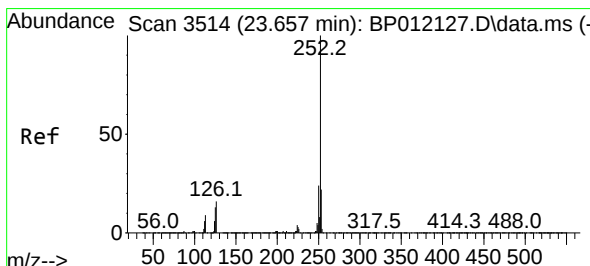
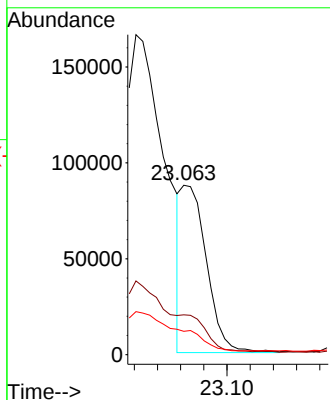
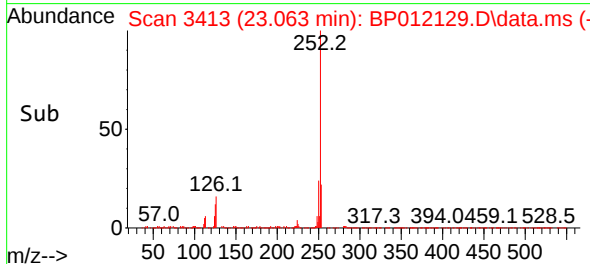
Instrument :
BNA_P
ClientSampleId :
C0BE8



Tgt Ion:252 Resp: 132280
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 13.8 8.2 12.2

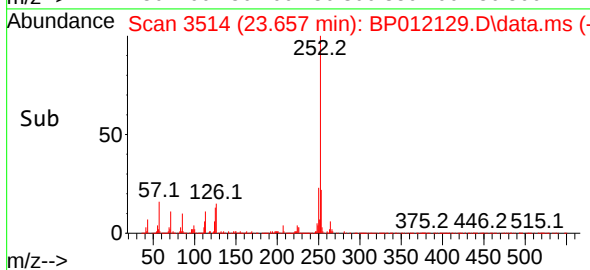
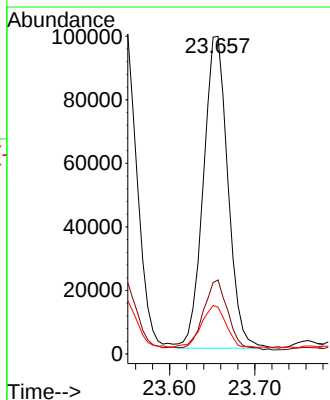
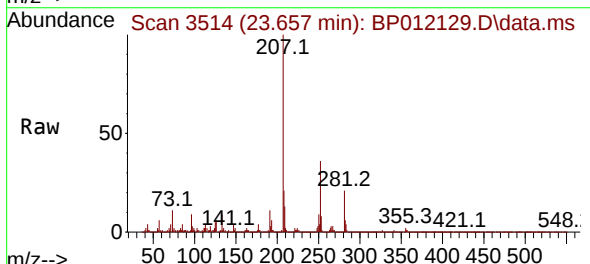
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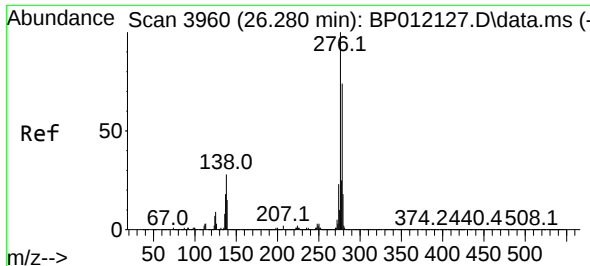
Reviewed By :Yogesh Patel 10/15/2022
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#93
Benzo(a)pyrene
Concen: 2.460 ng/ul
RT: 23.657 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP012129.D
Acq: 14 Oct 2022 10:06

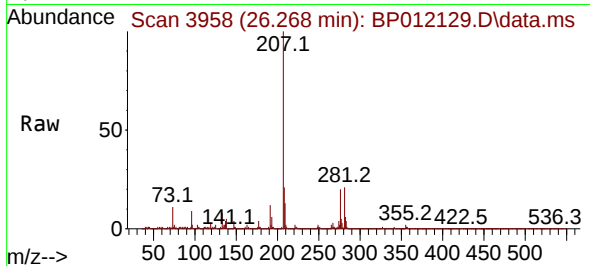
Tgt Ion:252 Resp: 196011
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 14.7 8.9 13.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.797 ng/ul
RT: 26.268 min Scan# 3958
Delta R.T. -0.012 min
Lab File: BP012129.D
Acq: 14 Oct 2022 10:06

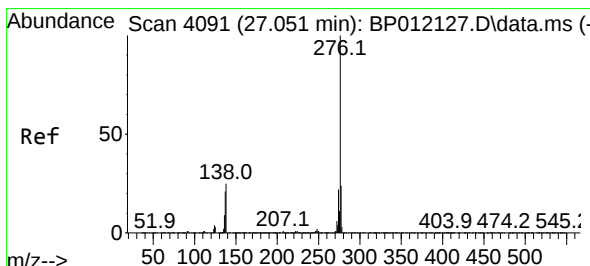
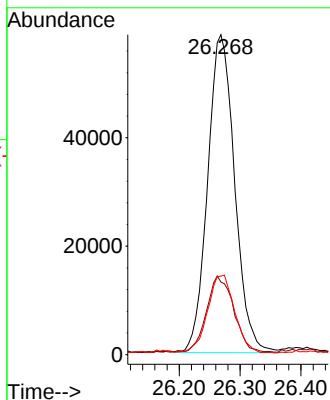
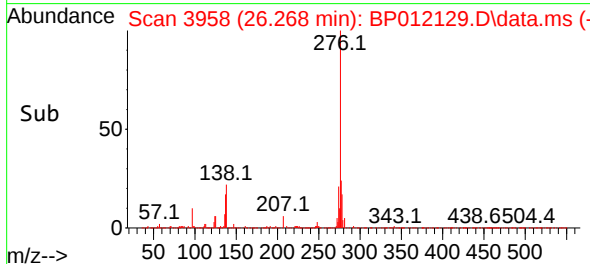
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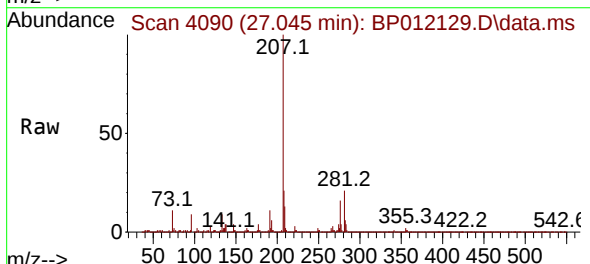
Tgt Ion: 276 Resp: 18100
Ion Ratio Lower Upper
276 100
138 22.7 19.1 28.7
277 24.5 19.9 29.9

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.706 ng/ul
RT: 27.045 min Scan# 4090
Delta R.T. -0.012 min
Lab File: BP012129.D
Acq: 14 Oct 2022 10:06



Tgt Ion: 276 Resp: 154913
Ion Ratio Lower Upper
276 100
138 24.7 16.5 24.7#
277 23.5 19.0 28.4

