

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023486.D
 Acq On : 18 Dec 2024 05:01
 Operator : RC/JU
 Sample : P5258-04
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28X0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2024
 Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 18 05:43:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	309213	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.269	136	1225638	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.140	164	865401	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.945	188	1859105	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.369	240	1800959	20.000	ng/u1	#-0.02
88) Perylene-d12	24.527	264	1969778	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	34096	4.060	ng/uL	-0.01
4) Pyridine-d5	3.505	84	459384	21.271	ng/u1	-0.01
7) Phenol-d5	6.740	99	641986	26.461	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	420750	27.488	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.075	132	456412	25.489	ng/u1	-0.01
15) 4-Methylphenol-d8	8.246	113	494787	25.268	ng/u1	-0.01
21) Nitrobenzene-d5	8.669	128	230285	25.161	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.381	143	275473	26.116	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.928	165	518164	23.275	ng/u1	0.00
31) 4-Chloroaniline-d4	10.428	131	533478	21.391	ng/u1	-0.01
46) Dimethylphthalate-d6	13.551	166	1702837	25.347	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	1764886	24.906	ng/u1	0.00
54) 4-Nitrophenol-d4	14.440	143	226784m	27.547	ng/u1	0.03
60) Fluorene-d10	15.157	176	1351265	22.867	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	172258	15.331	ng/u1	0.00
73) Anthracene-d10	17.045	188	2111137	24.882	ng/u1	0.00
81) Pyrene-d10	19.434	212	2284323	24.278	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.316	264	1911850	18.131	ng/u1	-0.03
Target Compounds						
					Qvalue	
8) Phenol	6.764	94	37232	1.474	ng/u1#	91
72) Phenanthrene	16.992	178	133219	1.386	ng/u1	99
80) Fluoranthene	19.086	202	270758	2.511	ng/u1#	89
82) Pyrene	19.463	202	233536	2.041	ng/u1#	88
85) Benzo(a)anthracene	21.351	228	132480	1.097	ng/u1	94
87) Chrysene	21.416	228	120701	1.043	ng/u1	95
90) Benzo(b)fluoranthene	23.545	252	169487	1.369	ng/u1#	94
93) Benzo(a)pyrene	24.380	252	124231	1.107	ng/u1#	96

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

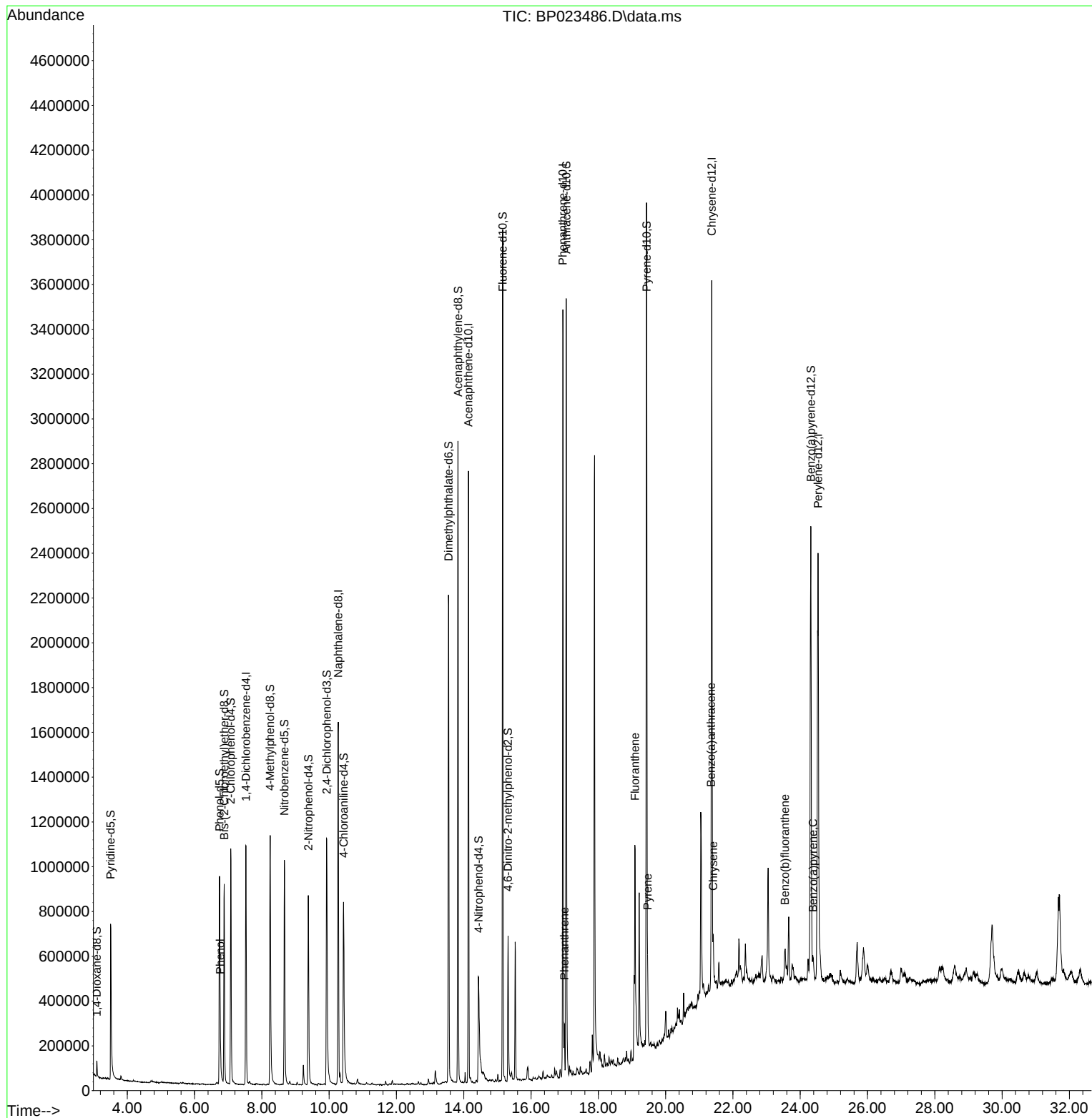
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023486.D
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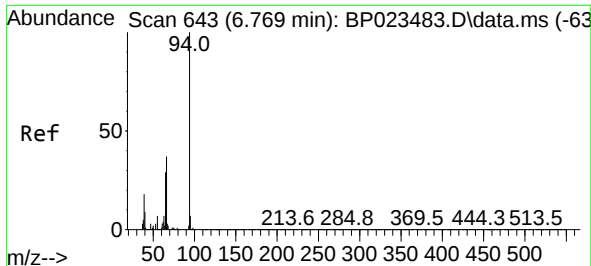
Instrument :
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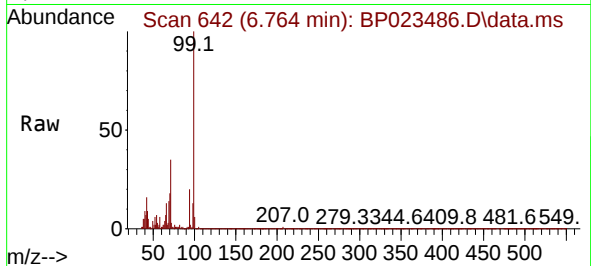
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.474 ng/ul
RT: 6.764 min Scan# 643
Delta R.T. -0.012 min
Lab File: BP023486.D
Acq: 18 Dec 2024 05:01

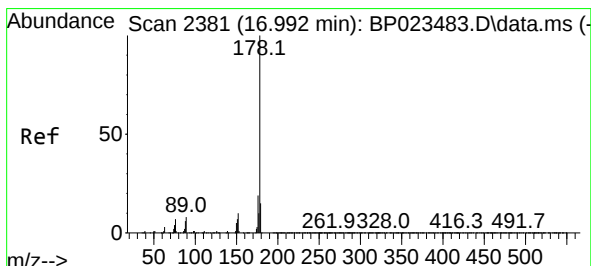
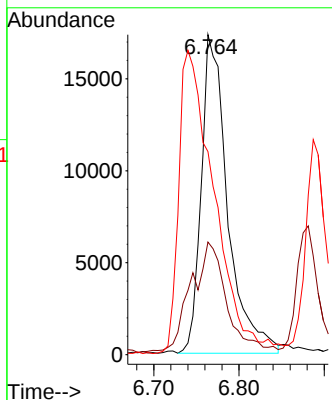
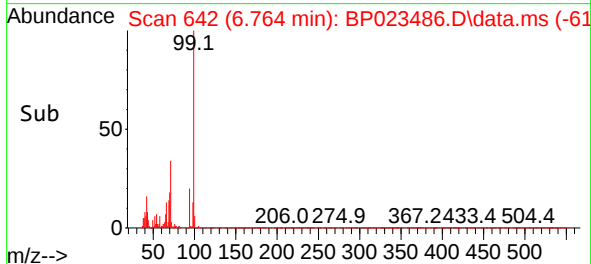
Instrument :
BNA_P
ClientSampleId :
E28X0



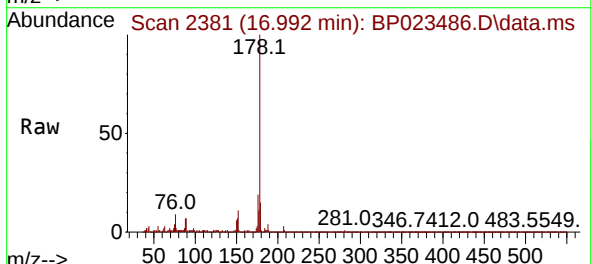
Tgt Ion: 94 Resp: 3723
Ion Ratio Lower Upper
94 100
65 35.2 28.0 42.0
66 63.4 42.0 63.0

Manual Integrations
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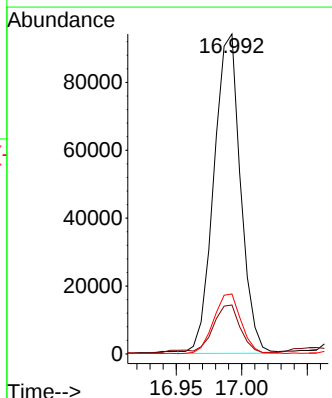
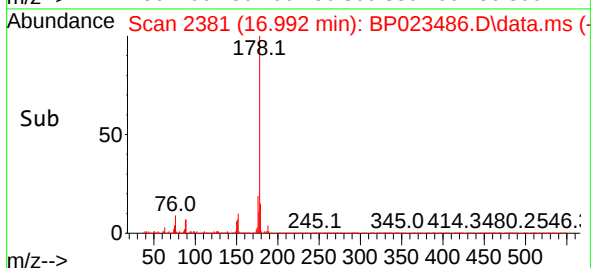
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Supervised By :mohammad ahmed 12/19/2024

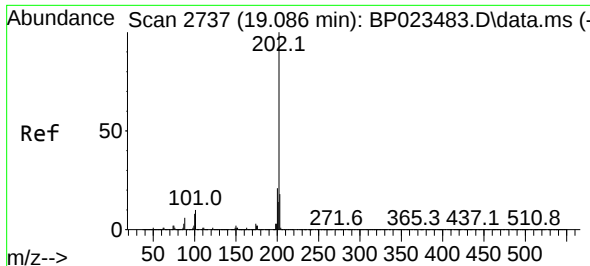


#72
Phenanthrene
Concen: 1.386 ng/ul
RT: 16.992 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP023486.D
Acq: 18 Dec 2024 05:01



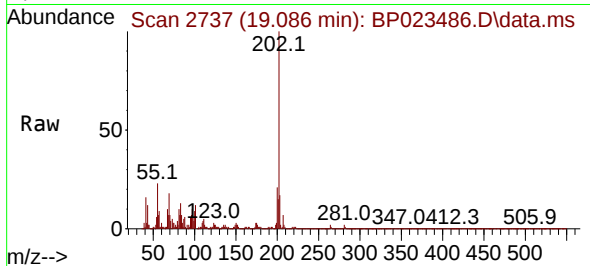
Tgt Ion:178 Resp: 133219
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 18.8 15.4 23.0





#80
Fluoranthene
Concen: 2.511 ng/ul
RT: 19.086 min Scan# 2737
Delta R.T. -0.012 min
Lab File: BP023486.D
Acq: 18 Dec 2024 05:01

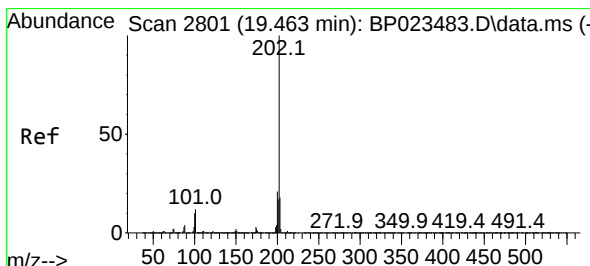
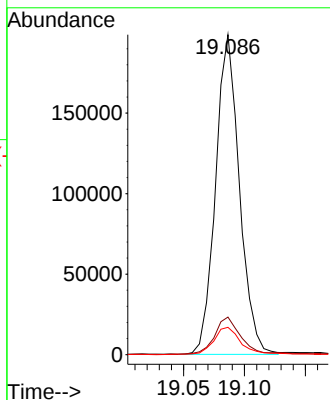
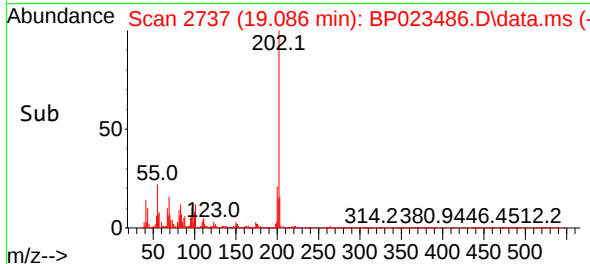
Instrument :
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ClientSampleId :
E28X0



Tgt Ion:202 Resp: 270758
Ion Ratio Lower Upper
202 100
101 11.8 5.6 8.4
100 8.5 4.6 7.0

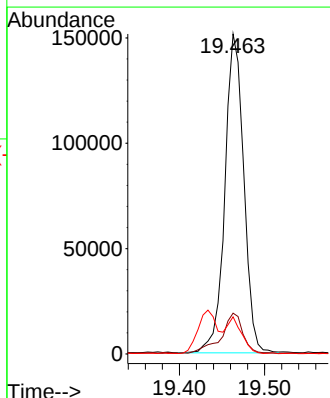
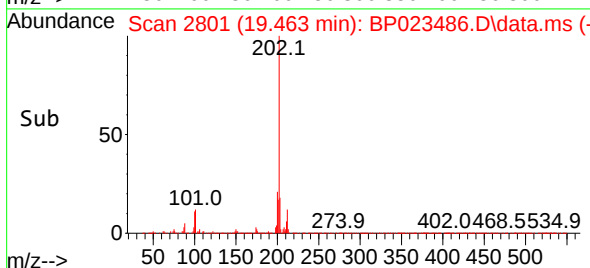
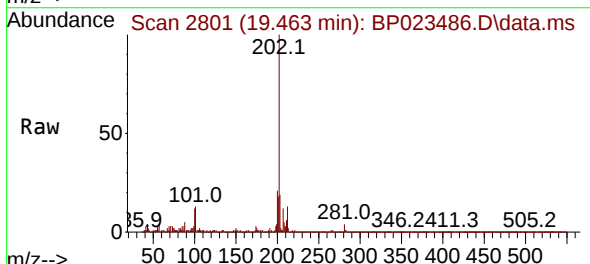
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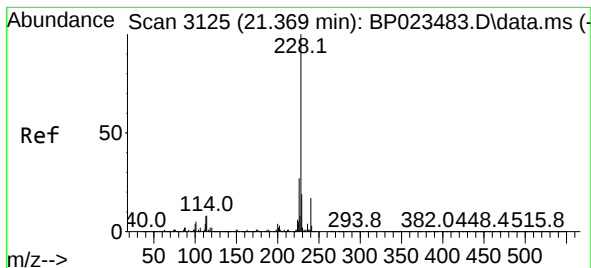
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024



#82
Pyrene
Concen: 2.041 ng/ul
RT: 19.463 min Scan# 2801
Delta R.T. -0.012 min
Lab File: BP023486.D
Acq: 18 Dec 2024 05:01

Tgt Ion:202 Resp: 233536
Ion Ratio Lower Upper
202 100
101 12.7 6.7 10.1#
100 11.6 5.8 8.8#





#85

Benzo(a)anthracene

Concen: 1.097 ng/uI

RT: 21.351 min Scan# 3125

Delta R.T. -0.018 min

Lab File: BP023486.D

Acq: 18 Dec 2024 05:01

Instrument :

BNA_P

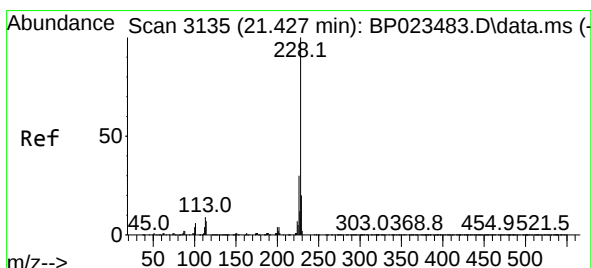
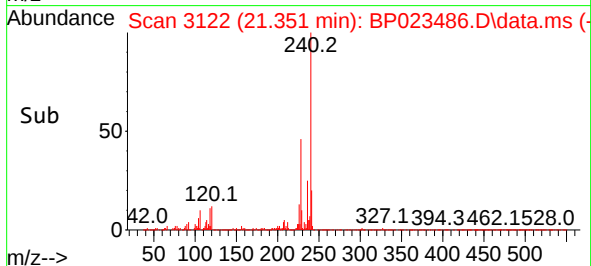
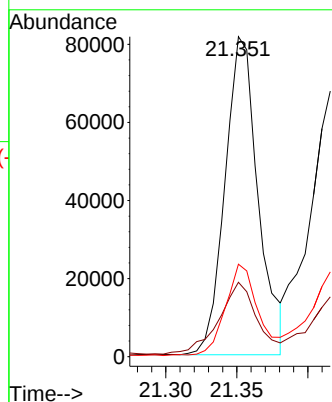
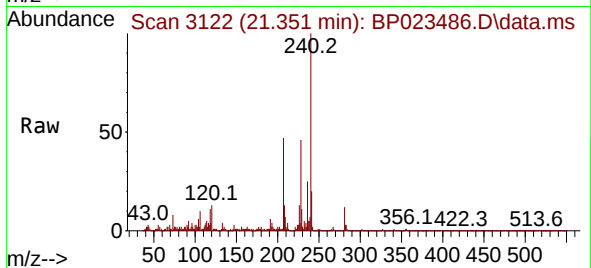
ClientSampleId :

E28X0

Tgt Ion:228 Resp: 132480
 Ion Ratio Lower Upper
 228 100
 229 23.2 15.7 23.5
 226 28.9 21.6 32.4

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#87

Chrysene

Concen: 1.043 ng/uI

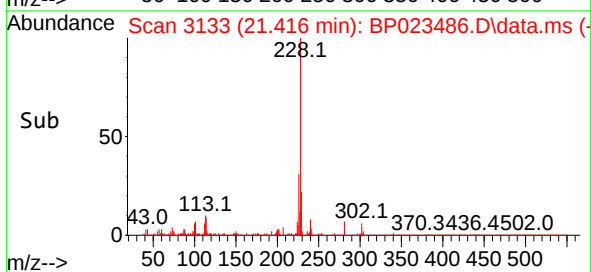
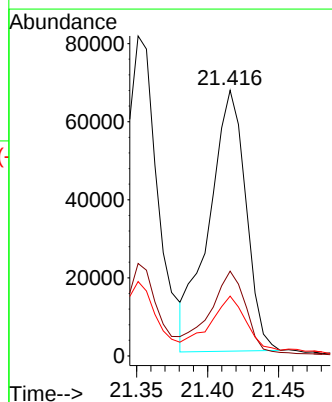
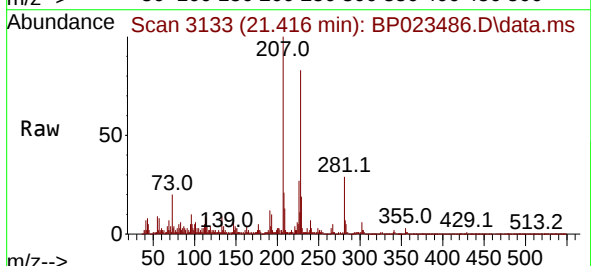
RT: 21.416 min Scan# 3133

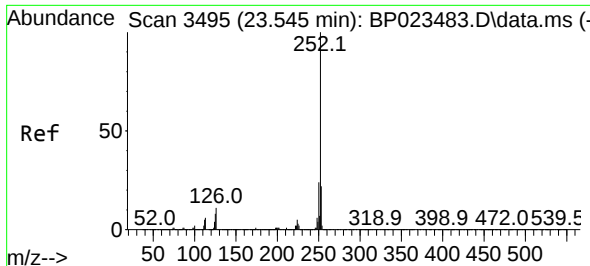
Delta R.T. -0.023 min

Lab File: BP023486.D

Acq: 18 Dec 2024 05:01

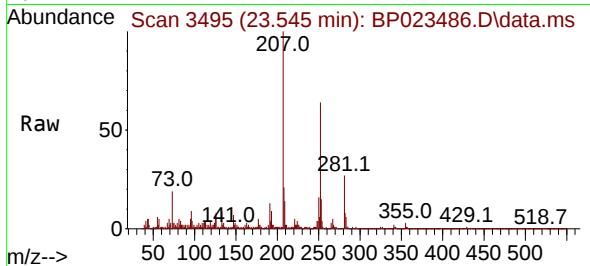
Tgt Ion:228 Resp: 120701
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.2 36.2
 229 22.5 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 1.369 ng/u1
RT: 23.545 min Scan# 3495
Delta R.T. -0.012 min
Lab File: BP023486.D
Acq: 18 Dec 2024 05:01

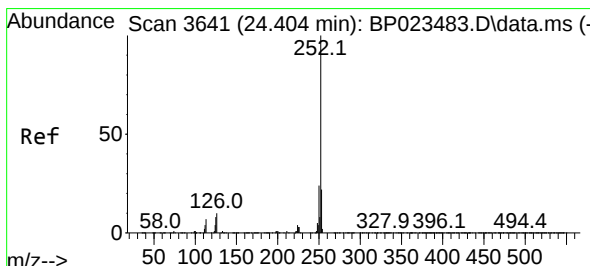
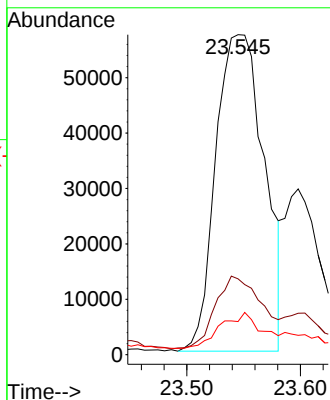
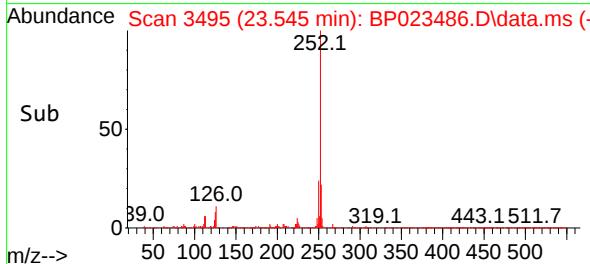
Instrument :
BNA_P
ClientSampleId :
E28X0



Tgt Ion:252 Resp: 16948
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 10.3 4.4 6.6

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#93
Benzo(a)pyrene
Concen: 1.107 ng/u1
RT: 24.380 min Scan# 3637
Delta R.T. -0.029 min
Lab File: BP023486.D
Acq: 18 Dec 2024 05:01

Tgt Ion:252 Resp: 124231
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.7 5.0 7.4

