

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023465.D
 Acq On : 17 Dec 2024 14:11
 Operator : RC/JU
 Sample : P5258-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28X3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 17 23:21:52 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	7.499	152	320996	20.000	ng/ul	-0.04
20) Naphthalene-d8	10.252	136	1222498	20.000	ng/ul	#-0.03
38) Acenaphthene-d10	14.134	164	832980	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.957	188	1573568	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.392	240	1225117	20.000	ng/ul	# 0.00
88) Perylene-d12	24.568	264	1455759	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	28736	3.296	ng/uL	-0.02
4) Pyridine-d5	3.505	84	78836	3.516	ng/ul	-0.01
7) Phenol-d5	6.711	99	524601	20.829	ng/ul	-0.04
9) Bis-(2-Chloroethyl)eth...	6.852	67	362115	22.789	ng/ul	-0.04
11) 2-Chlorophenol-d4	7.046	132	396593	21.335	ng/ul	-0.04
15) 4-Methylphenol-d8	8.222	113	336935	16.575	ng/ul	-0.04
21) Nitrobenzene-d5	8.640	128	197427	21.627	ng/ul	-0.05
24) 2-Nitrophenol-d4	9.352	143	228951	21.761	ng/ul	-0.04
28) 2,4-Dichlorophenol-d3	9.910	165	423680	19.080	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.410	131	305944	12.299	ng/ul	-0.03
46) Dimethylphthalate-d6	13.540	166	1355431	20.961	ng/ul	-0.02
49) Acenaphthylene-d8	13.828	160	1316745	19.305	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	134232m	16.940	ng/ul	0.04
60) Fluorene-d10	15.157	176	968733	17.032	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	93348m	9.816	ng/ul	0.00
73) Anthracene-d10	17.051	188	1303232	18.147	ng/ul	0.00
81) Pyrene-d10	19.451	212	1090595	17.039	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.345	264	737076	9.458	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	6.740	94	53688m	2.048	ng/ul	
16) Acetophenone	8.316	105	141372	4.132	ng/ul	95
72) Phenanthrene	16.998	178	270751	3.328	ng/ul	98
80) Fluoranthene	19.098	202	483231	6.589	ng/ul#	93
82) Pyrene	19.475	202	335217	4.307	ng/ul#	89
85) Benzo(a)anthracene	21.374	228	213908	2.604	ng/ul	97
87) Chrysene	21.439	228	194380	2.469	ng/ul	97
90) Benzo(b)fluoranthene	23.574	252	291958	3.192	ng/ul#	93
93) Benzo(a)pyrene	24.410	252	118293	1.426	ng/ul#	92

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

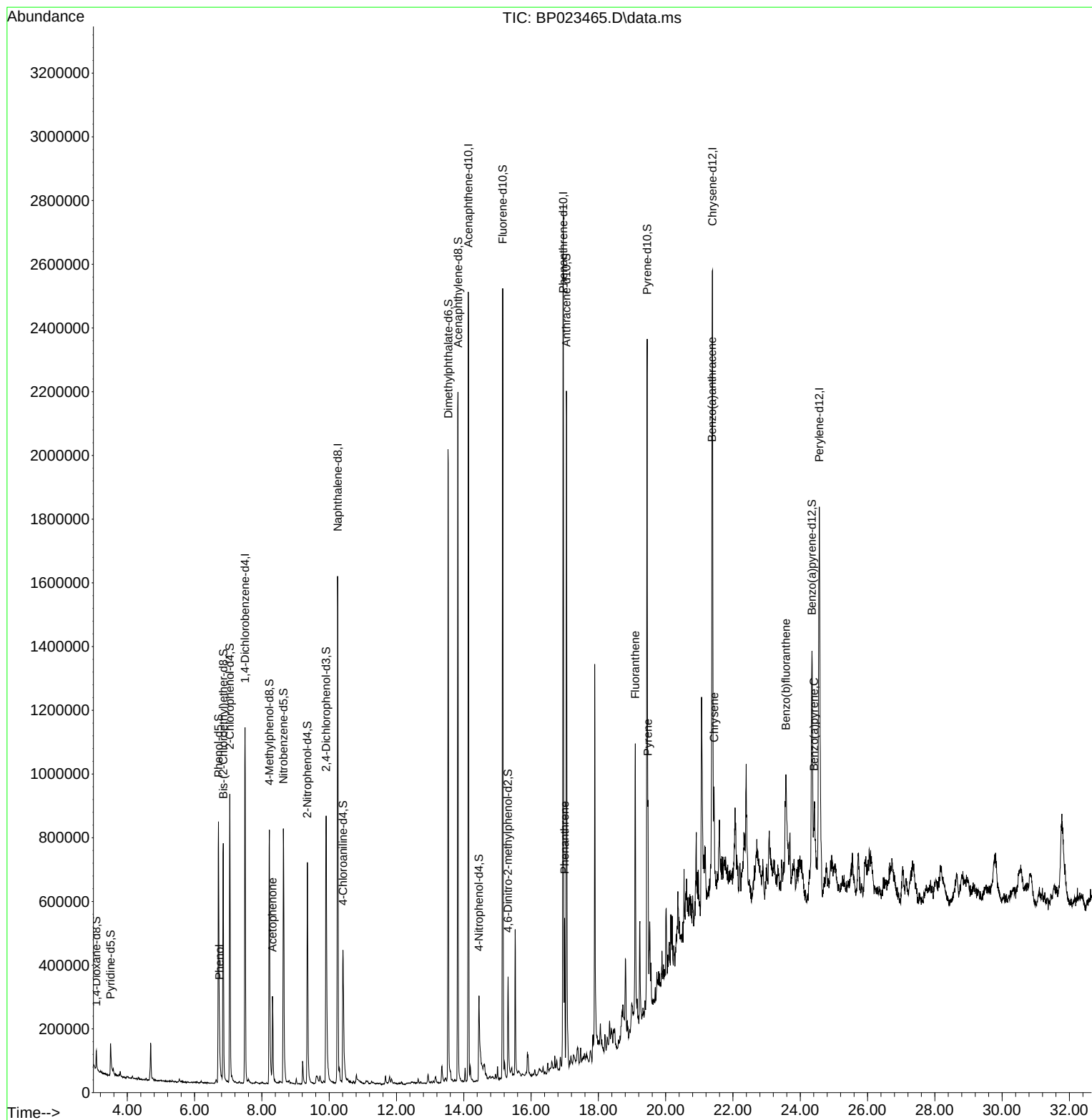
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023465.D
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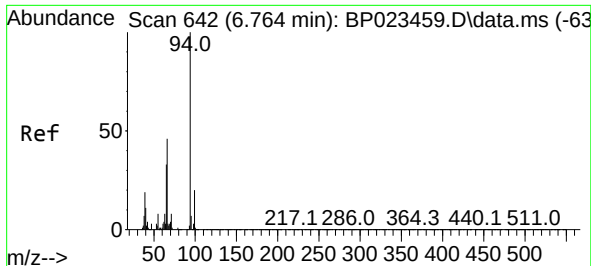
Instrument :
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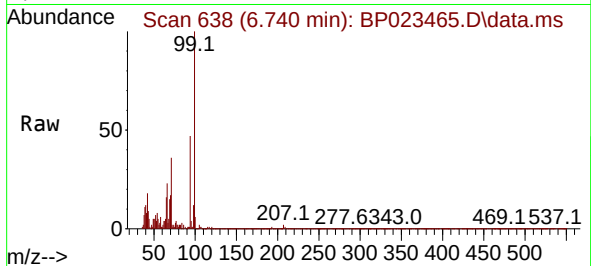
Quant Time: Dec 17 23:21:52 2024
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#8
Phenol
Concen: 2.048 ng/ul m
RT: 6.740 min Scan# 61
Delta R.T. -0.035 min
Lab File: BP023465.D
Acq: 17 Dec 2024 14:11

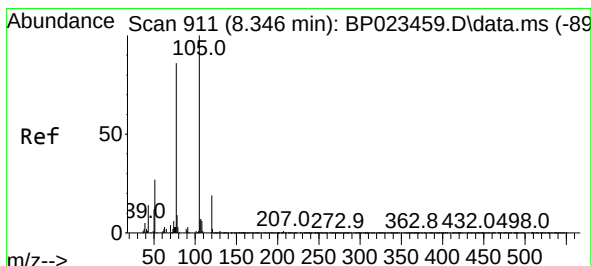
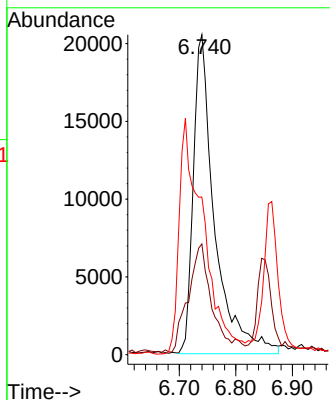
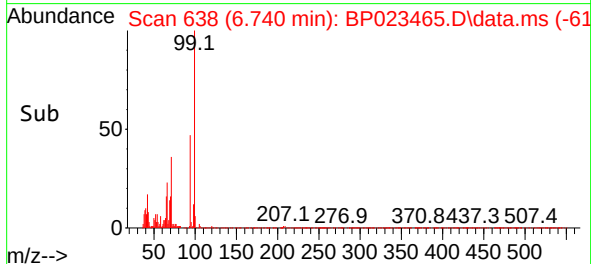
Instrument :
BNA_P
ClientSampleId :
E28X3



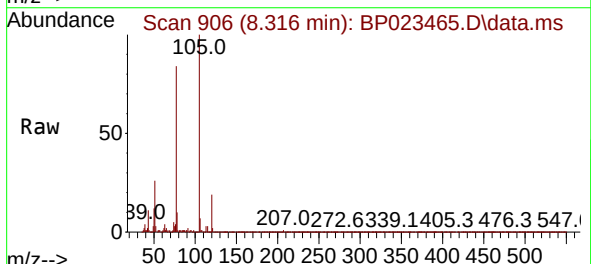
Tgt Ion: 94 Resp: 5368
Ion Ratio Lower Upper
94 100
65 34.6 28.0 42.0
66 49.2 42.0 63.0

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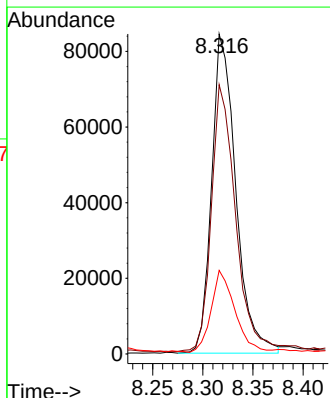
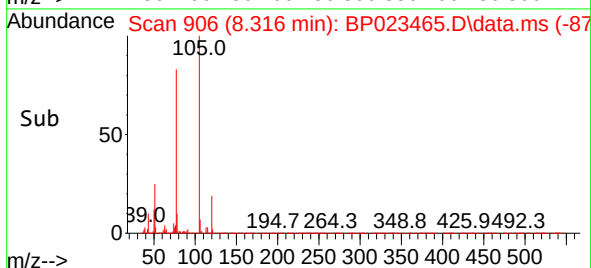
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024

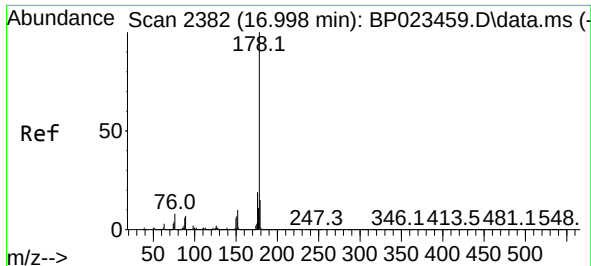


#16
Acetophenone
Concen: 4.132 ng/ul
RT: 8.316 min Scan# 906
Delta R.T. -0.041 min
Lab File: BP023465.D
Acq: 17 Dec 2024 14:11



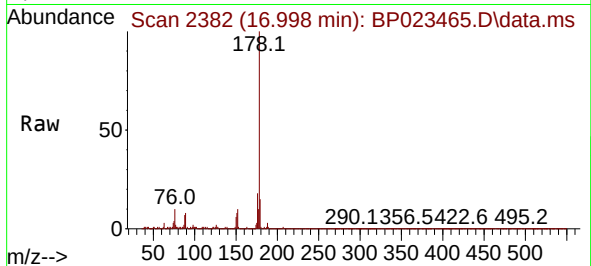
Tgt Ion:105 Resp: 141372
Ion Ratio Lower Upper
105 100
77 84.2 71.2 106.8
51 26.1 22.9 34.3





#72
Phenanthrene
Concen: 3.328 ng/ul
RT: 16.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP023465.D
Acq: 17 Dec 2024 14:11

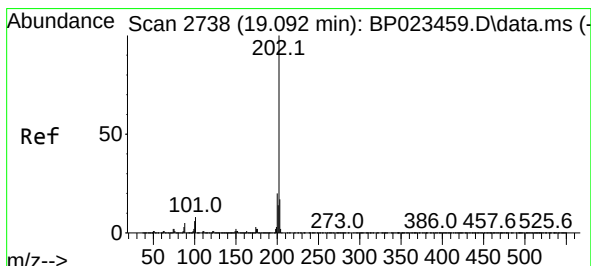
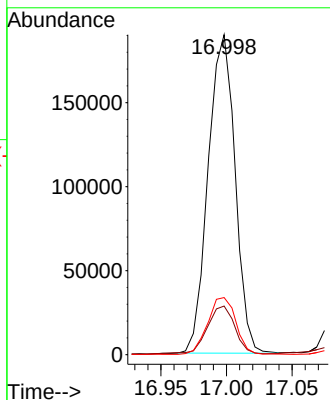
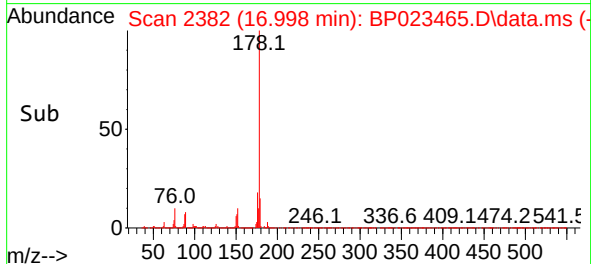
Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 27075
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 17.9 15.4 23.0

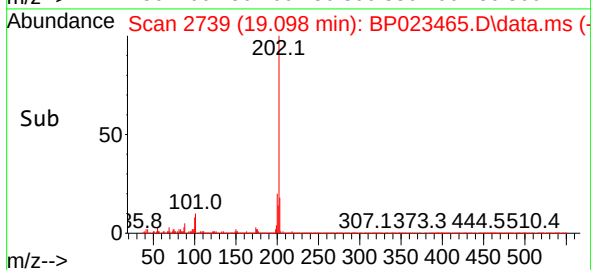
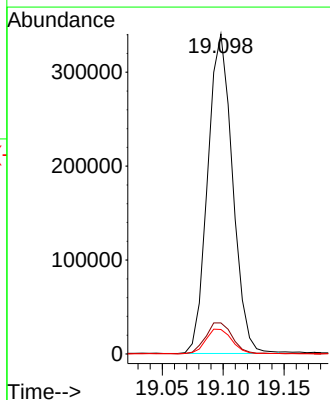
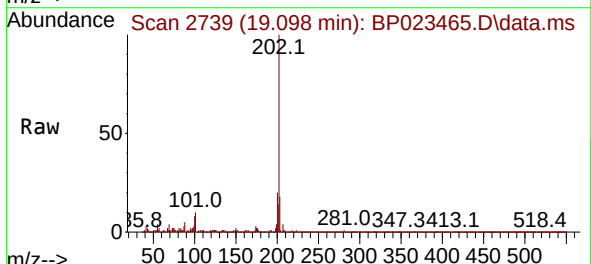
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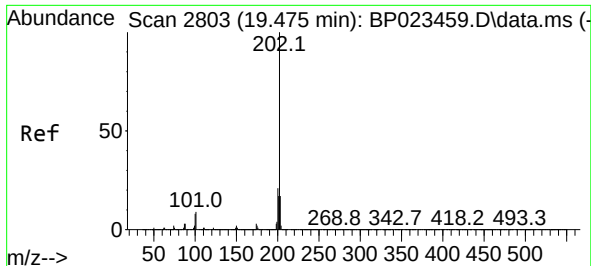
Reviewed By :Yogesh Patel 12/18/2024
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#80
Fluoranthene
Concen: 6.589 ng/ul
RT: 19.098 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BP023465.D
Acq: 17 Dec 2024 14:11

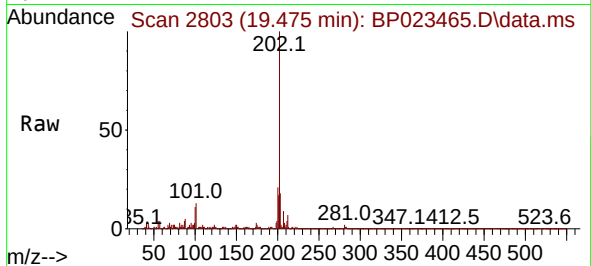
Tgt Ion:202 Resp: 483231
Ion Ratio Lower Upper
202 100
101 9.7 5.6 8.4#
100 7.7 4.6 7.0#





#82
Pyrene
Concen: 4.307 ng/ul
RT: 19.475 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP023465.D
Acq: 17 Dec 2024 14:11

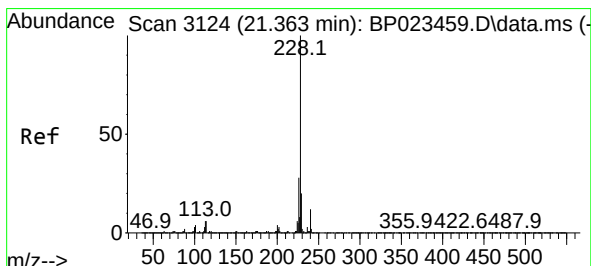
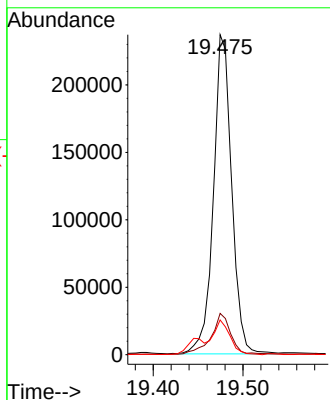
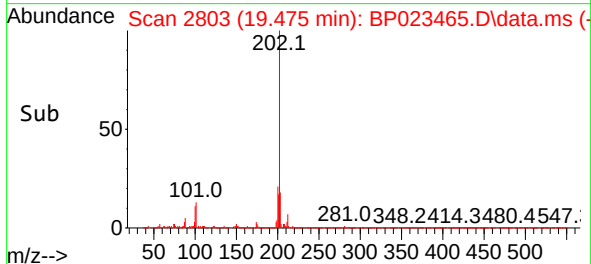
Instrument :
BNA_P
ClientSampleId :
E28X3



Tgt Ion:202 Resp: 33521
Ion Ratio Lower Upper
202 100
101 12.9 6.7 10.1
100 10.8 5.8 8.8

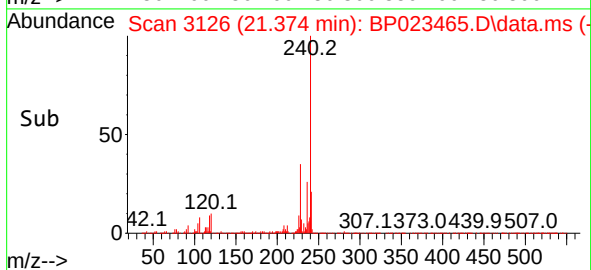
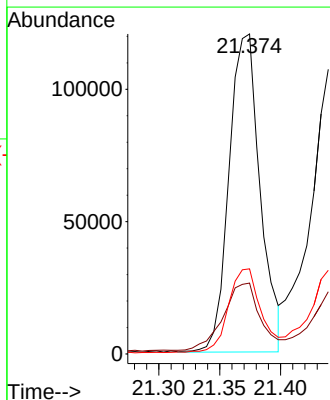
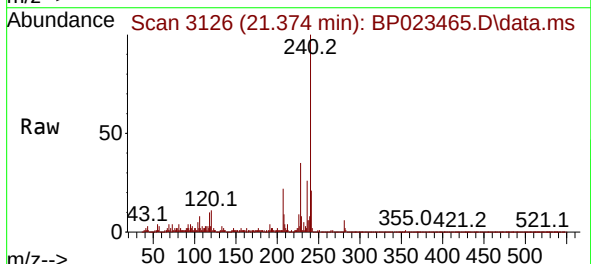
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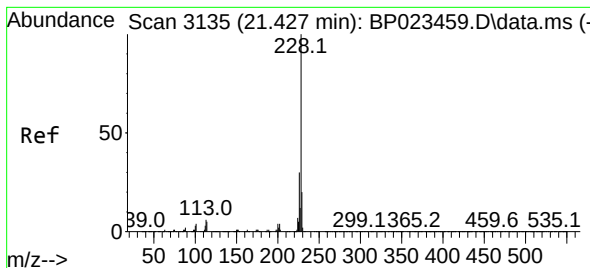
Reviewed By :Yogesh Patel 12/18/2024
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#85
Benzo(a)anthracene
Concen: 2.604 ng/ul
RT: 21.374 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BP023465.D
Acq: 17 Dec 2024 14:11

Tgt Ion:228 Resp: 213908
Ion Ratio Lower Upper
228 100
229 22.2 15.7 23.5
226 26.6 21.6 32.4





#87

Chrysene

Concen: 2.469 ng/ul

RT: 21.439 min Scan# 3135

Delta R.T. -0.000 min

Lab File: BP023465.D

Acq: 17 Dec 2024 14:11

Instrument :

BNA_P

ClientSampleId :

E28X3

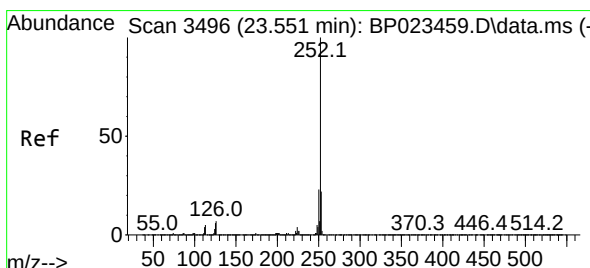
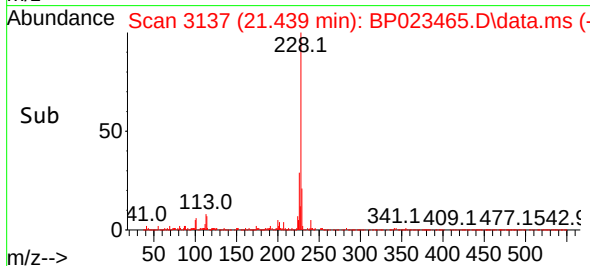
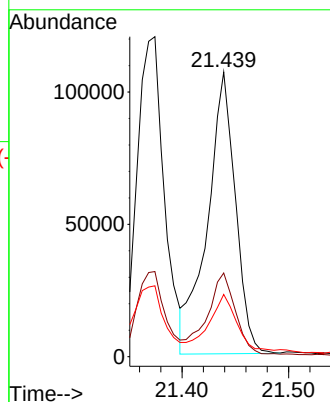
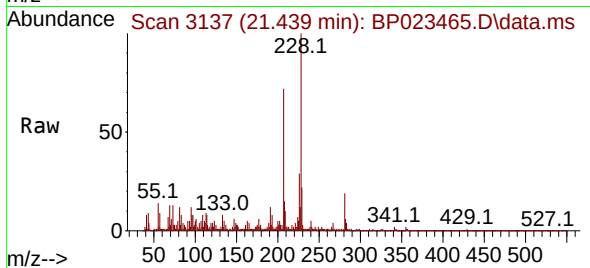
Tgt Ion:	228	Resp:	194380
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.2	36.2
229	21.9	15.6	23.4

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#90

Benzo(b)fluoranthene

Concen: 3.192 ng/ul

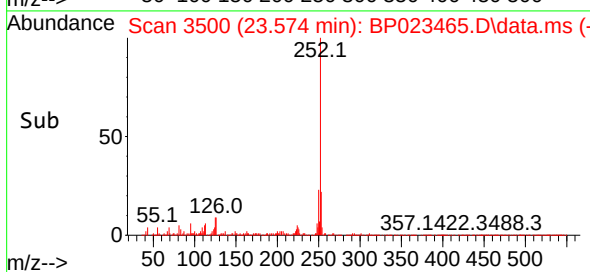
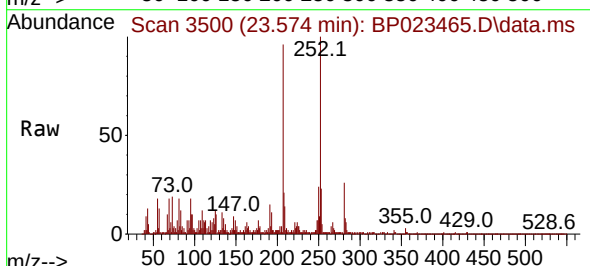
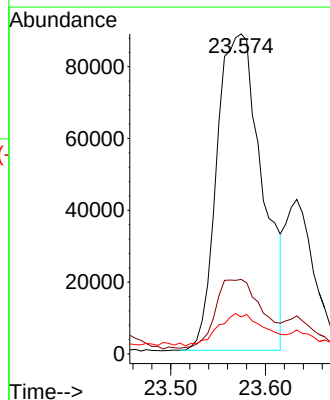
RT: 23.574 min Scan# 3500

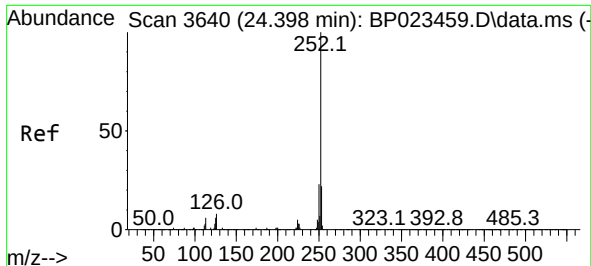
Delta R.T. 0.018 min

Lab File: BP023465.D

Acq: 17 Dec 2024 14:11

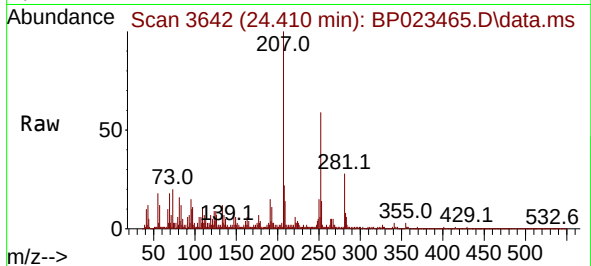
Tgt Ion:	252	Resp:	291958
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.3	25.9
125	11.5	4.4	6.6





#93
 Benzo(a)pyrene
 Concen: 1.426 ng/ul
 RT: 24.410 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BP023465.D
 Acq: 17 Dec 2024 14:11

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:252 Resp: 11829
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.4 26.0
 125 14.7 5.0 7.4

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