

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
 Data File : BP023489.D
 Acq On : 18 Dec 2024 07:02
 Operator : RC/JU
 Sample : P5258-11
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28X5

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 08:15:10 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	294165	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.275	136	1141752	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.134	164	847614	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.945	188	1890313	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.386	240	1884057	20.000	ng/u1	# 0.00
88) Perylene-d12	24.557	264	1927740	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	25376	3.176	ng/uL	-0.01
4) Pyridine-d5	3.511	84	213482	10.390	ng/u1	0.00
7) Phenol-d5	6.740	99	480478	20.817	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	335264	23.023	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.075	132	356787	20.944	ng/u1	-0.01
15) 4-Methylphenol-d8	8.252	113	373412	20.045	ng/u1	0.00
21) Nitrobenzene-d5	8.675	128	179704	21.077	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.387	143	190916	19.429	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	373023	17.987	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	386396	16.631	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	1167678	17.746	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	1187567	17.111	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	107647m	13.350	ng/u1	0.04
60) Fluorene-d10	15.151	176	835174	14.430	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	46725	4.090	ng/u1	0.02
73) Anthracene-d10	17.051	188	1338579	15.516	ng/u1	0.00
81) Pyrene-d10	19.434	212	1309153	13.300	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.333	264	1013793	9.824	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	6.769	94	31529m	1.312	ng/u1	
72) Phenanthrene	16.987	178	183596	1.879	ng/u1	98
80) Fluoranthene	19.081	202	425059	3.769	ng/u1#	90
82) Pyrene	19.463	202	376829	3.148	ng/u1#	93
85) Benzo(a)anthracene	21.363	228	189866	1.503	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.280	149	453385	7.616	ng/u1	99
87) Chrysene	21.428	228	173852	1.436	ng/u1	97
90) Benzo(b)fluoranthene	23.557	252	246545	2.036	ng/u1#	92
93) Benzo(a)pyrene	24.410	252	176059	1.603	ng/u1#	95
96) Benzo(g,h,i)perylene	29.274	276	124671m	1.154	ng/u1	

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

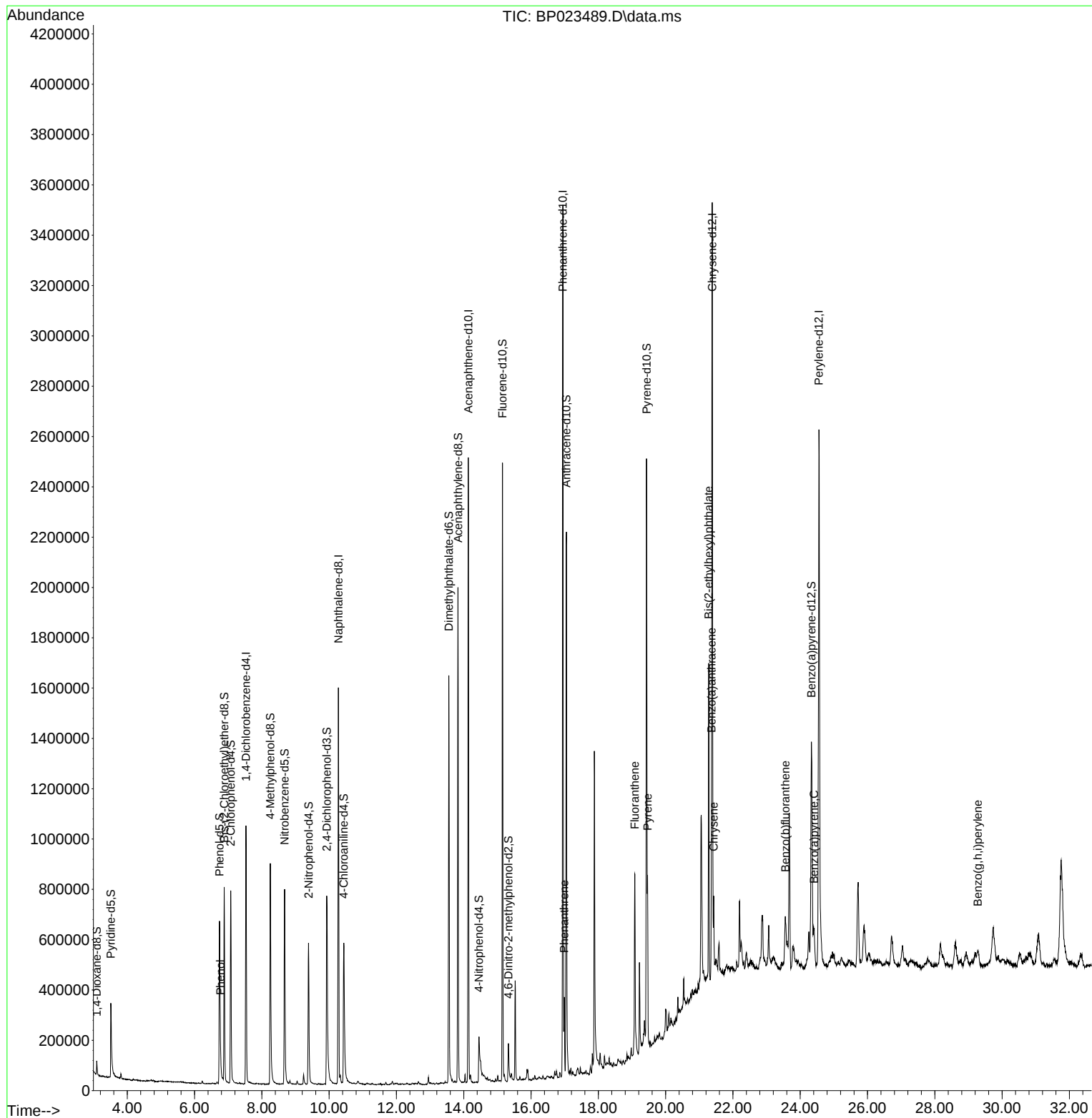
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023489.D
Acq On : 18 Dec 2024 07:02
Operator : RC/JU
Sample : P5258-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

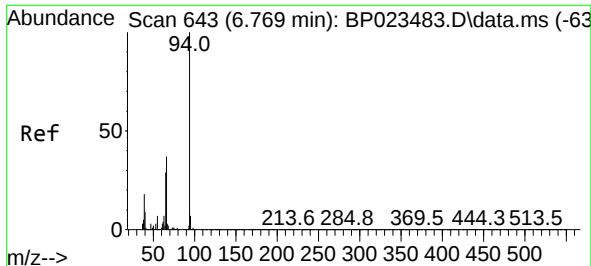
Instrument :
BNA_P
ClientSampleId :
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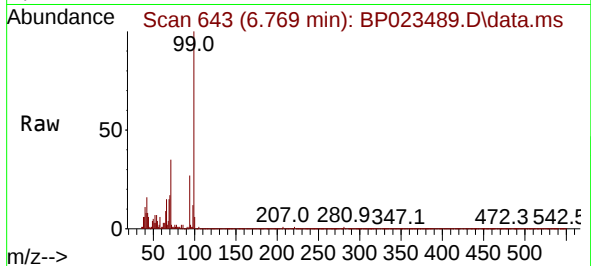
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024





#8
Phenol
Concen: 1.312 ng/ul m
RT: 6.769 min Scan# 643
Delta R.T. -0.006 min
Lab File: BP023489.D
Acq: 18 Dec 2024 07:02

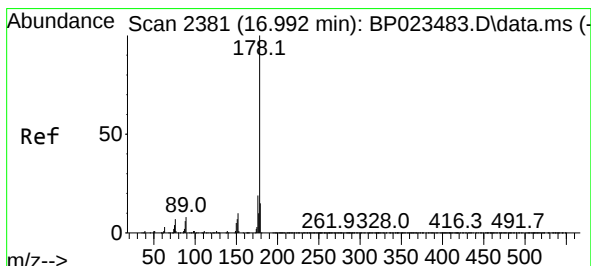
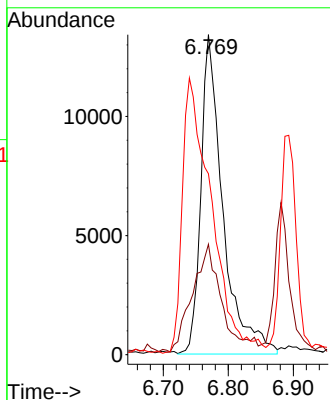
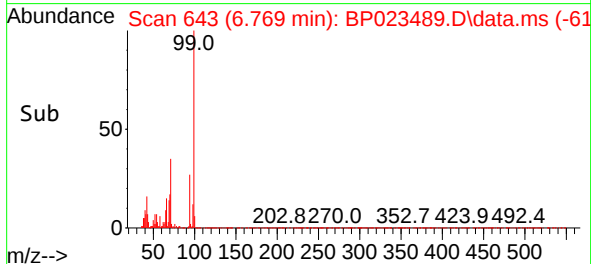
Instrument :
BNA_P
ClientSampleId :
E28X5



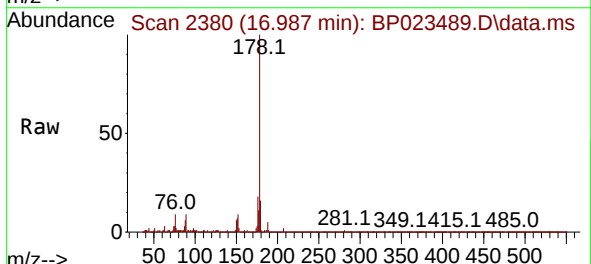
Tgt Ion: 94 Resp: 31529
Ion Ratio Lower Upper
94 100
65 34.5 28.0 42.0
66 56.6 42.0 63.0

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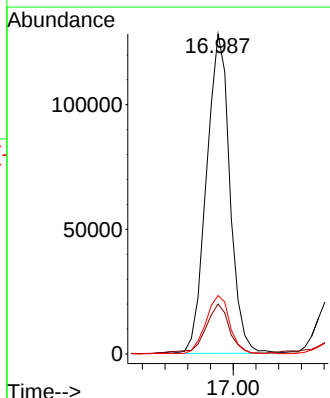
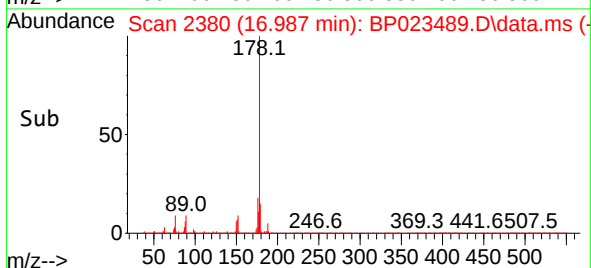
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024

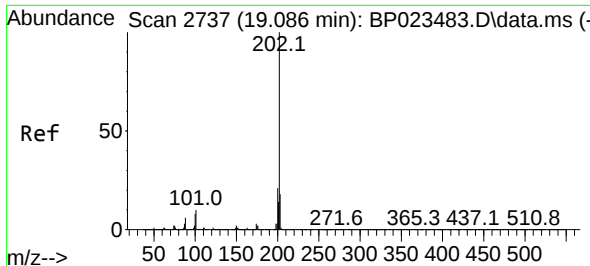


#72
Phenanthrene
Concen: 1.879 ng/ul
RT: 16.987 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP023489.D
Acq: 18 Dec 2024 07:02



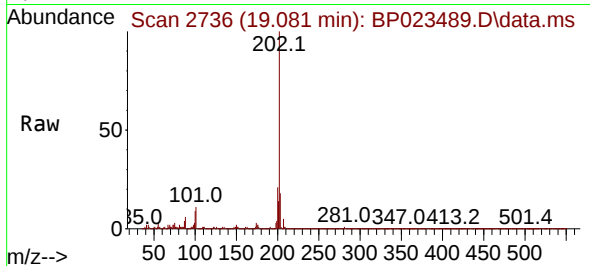
Tgt Ion:178 Resp: 183596
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 18.3 15.4 23.0





#80
Fluoranthene
Concen: 3.769 ng/ul
RT: 19.081 min Scan# 2737
Delta R.T. -0.018 min
Lab File: BP023489.D
Acq: 18 Dec 2024 07:02

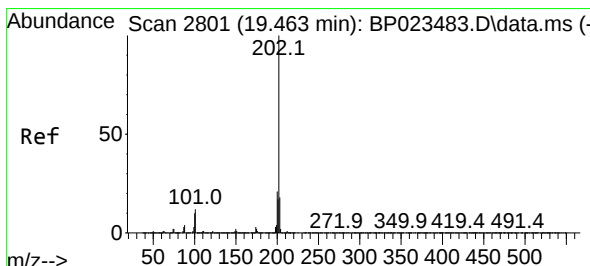
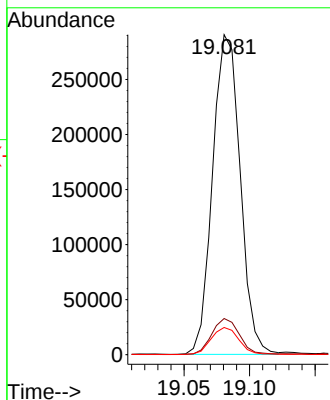
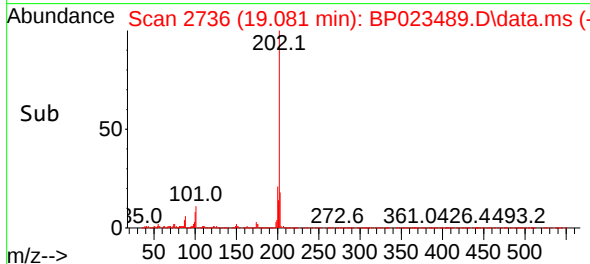
Instrument :
BNA_P
ClientSampleId :
E28X5



Tgt Ion:202 Resp: 425059
Ion Ratio Lower Upper
202 100
101 11.3 5.6 8.4#
100 8.5 4.6 7.0#

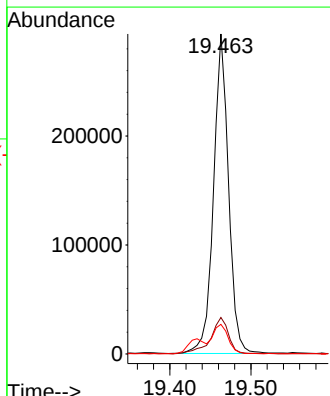
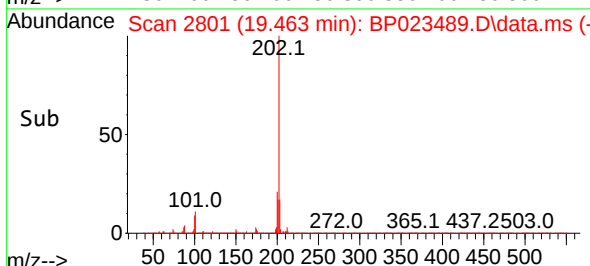
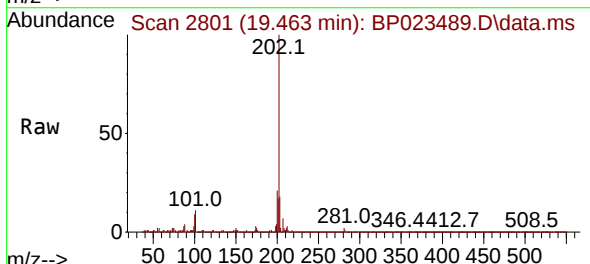
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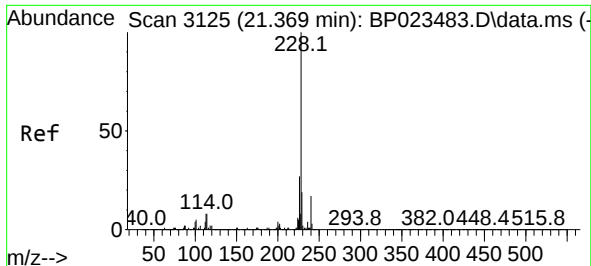
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024



#82
Pyrene
Concen: 3.148 ng/ul
RT: 19.463 min Scan# 2801
Delta R.T. -0.012 min
Lab File: BP023489.D
Acq: 18 Dec 2024 07:02

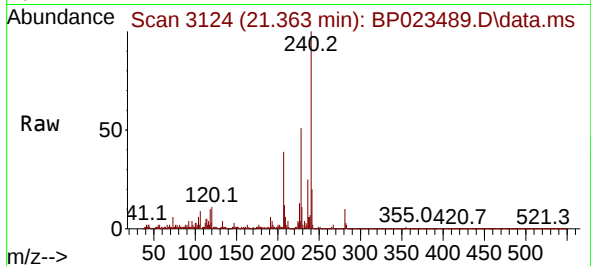
Tgt Ion:202 Resp: 376829
Ion Ratio Lower Upper
202 100
101 11.4 6.7 10.1#
100 9.2 5.8 8.8#





#85
Benzo(a)anthracene
Concen: 1.503 ng/ul
RT: 21.363 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP023489.D
Acq: 18 Dec 2024 07:02

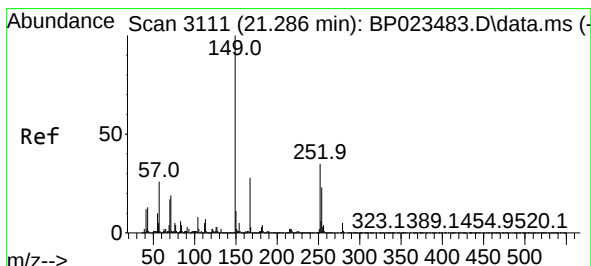
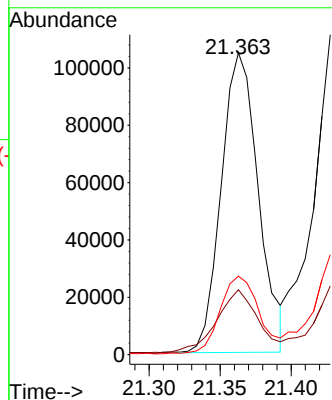
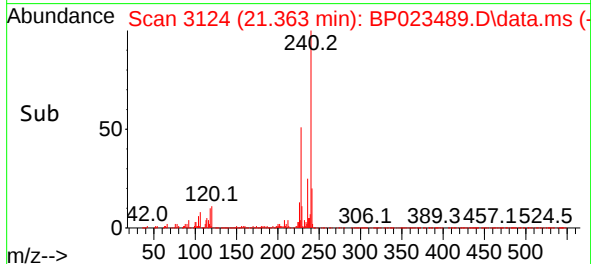
Instrument :
BNA_P
ClientSampleId :
E28X5



Tgt Ion:228 Resp: 189860
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 26.0 21.6 32.4

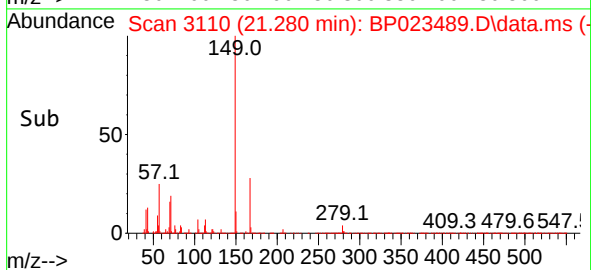
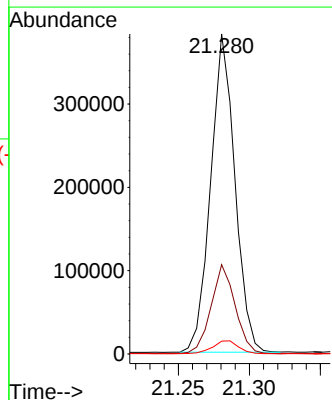
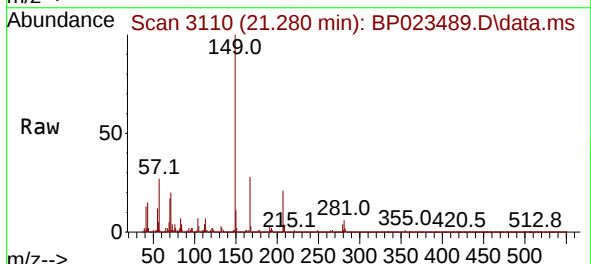
Manual Integrations
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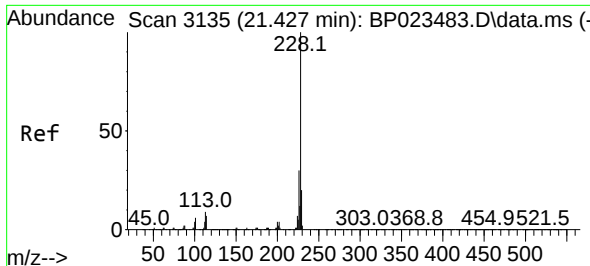
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 7.616 ng/ul
RT: 21.280 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BP023489.D
Acq: 18 Dec 2024 07:02

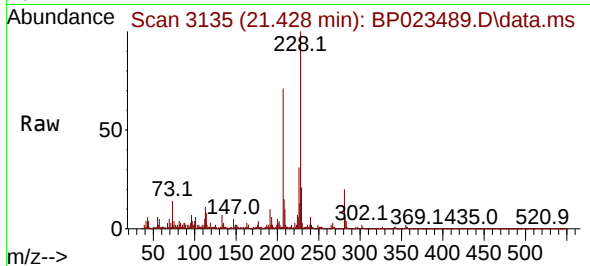
Tgt Ion:149 Resp: 453385
Ion Ratio Lower Upper
149 100
167 27.9 22.5 33.7
279 4.0 3.7 5.5





#87
Chrysene
Concen: 1.436 ng/ul
RT: 21.428 min Scan# 3135
Delta R.T. -0.012 min
Lab File: BP023489.D
Acq: 18 Dec 2024 07:02

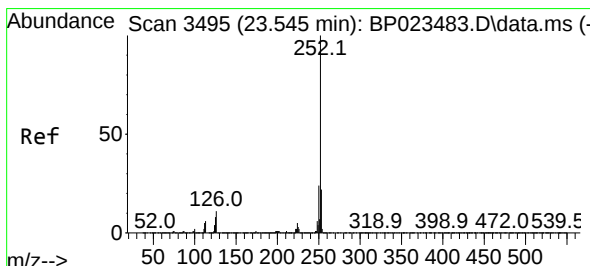
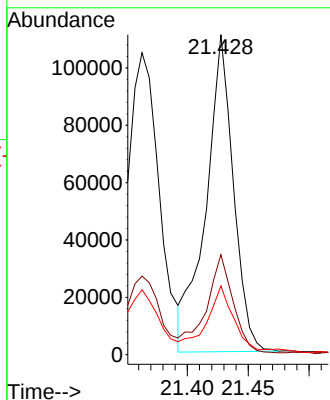
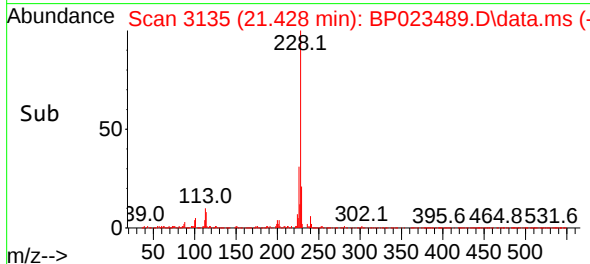
Instrument :
BNA_P
ClientSampleId :
E28X5



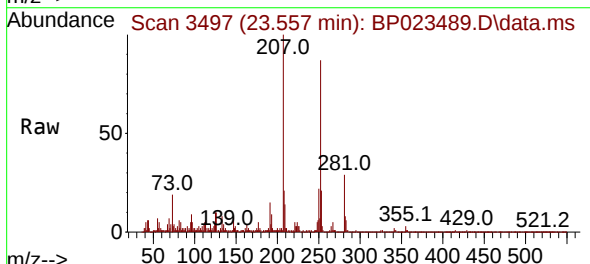
Tgt Ion:228 Resp: 173852
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.2
229 21.5 15.6 23.4

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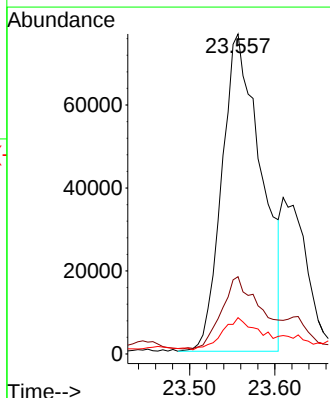
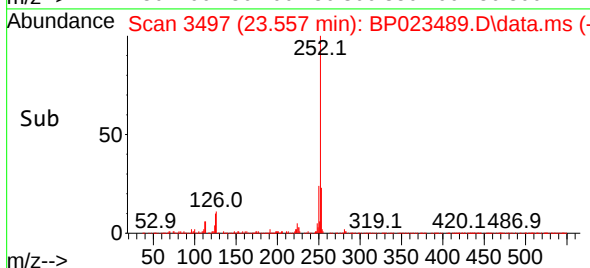
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024

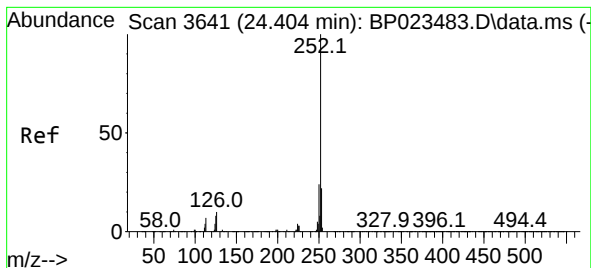


#90
Benzo(b)fluoranthene
Concen: 2.036 ng/ul
RT: 23.557 min Scan# 3497
Delta R.T. 0.000 min
Lab File: BP023489.D
Acq: 18 Dec 2024 07:02



Tgt Ion:252 Resp: 246545
Ion Ratio Lower Upper
252 100
253 24.2 17.3 25.9
125 11.3 4.4 6.6#





#93

Benzo(a)pyrene

Concen: 1.603 ng/ul

RT: 24.410 min Scan# 3642

Delta R.T. 0.000 min

Lab File: BP023489.D

Acq: 18 Dec 2024 07:02

Instrument :

BNA_P

ClientSampleId :

E28X5

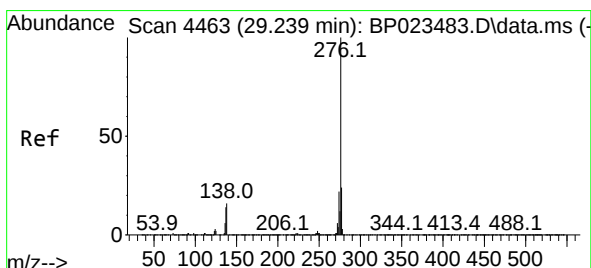
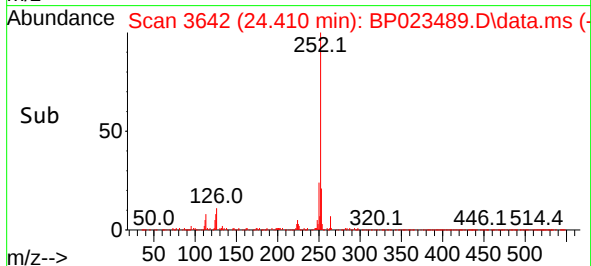
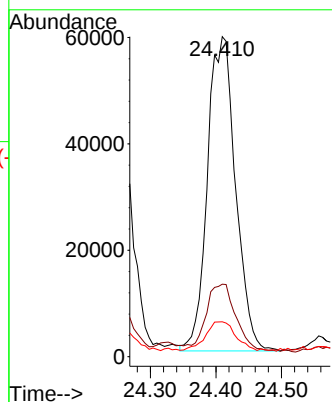
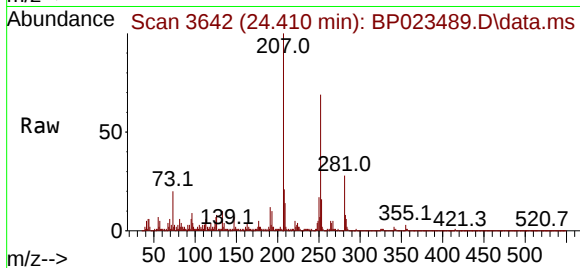
Tgt Ion:	252	Resp:	176059
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	10.9	5.0	7.4

Manual Integrations

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Supervised By :mohammad ahmed 12/19/2024



#96

Benzo(g,h,i)perylene

Concen: 1.154 ng/ul m

RT: 29.274 min Scan# 4469

Delta R.T. 0.024 min

Lab File: BP023489.D

Acq: 18 Dec 2024 07:02

Tgt Ion:	276	Resp:	124671
Ion Ratio	Lower	Upper	
276	100		
138	16.9	8.5	12.7
277	26.9	18.9	28.3

