

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
 Data File : BP023565.D
 Acq On : 23 Dec 2024 16:22
 Operator : RC/JU
 Sample : P5333-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2909

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 24 04:02:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 02:14:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	101996	20.000	ng/u1	0.01
20) Naphthalene-d8	10.275	136	369376	20.000	ng/u1	# 0.02
38) Acenaphthene-d10	14.157	164	239075	20.000	ng/u1	0.01
64) Phenanthrene-d10	16.969	188	502636	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.398	240	624974	20.000	ng/u1	# 0.00
88) Perylene-d12	24.604	264	746070	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	13455	4.857	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.763	99	213801	26.716	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	6.875	67	134572	26.653	ng/u1	0.02
11) 2-Chlorophenol-d4	7.087	132	155585	26.341	ng/u1	0.03
15) 4-Methylphenol-d8	8.263	113	156460	24.223	ng/u1	0.03
21) Nitrobenzene-d5	8.675	128	69767	25.294	ng/u1	0.02
24) 2-Nitrophenol-d4	9.387	143	84413	26.554	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	9.963	165	160962m	23.991	ng/u1	0.04
31) 4-Chloroaniline-d4	10.475	131	61013	8.118	ng/u1	0.05
46) Dimethylphthalate-d6	13.563	166	460596	24.817	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	492136	25.140	ng/u1	0.01
54) 4-Nitrophenol-d4	14.498	143	64811m	28.497	ng/u1	0.04
60) Fluorene-d10	15.169	176	370056	22.669	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.340	200	59647	19.635	ng/u1	0.00
73) Anthracene-d10	17.069	188	572739	24.967	ng/u1	0.00
81) Pyrene-d10	19.457	212	697552	21.363	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.380	264	782735	19.598	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	6.787	94	10301m	1.236	ng/u1	
72) Phenanthrene	17.016	178	39133	1.506	ng/u1	98
80) Fluoranthene	19.116	202	103680	2.771	ng/u1#	86
82) Pyrene	19.498	202	97243	2.449	ng/u1#	89
85) Benzo(a)anthracene	21.380	228	58883m	1.405	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.304	149	35989	1.822	ng/u1	97
87) Chrysene	21.451	228	60499	1.506	ng/u1	97
90) Benzo(b)fluoranthene	23.586	252	87612	1.869	ng/u1#	93
93) Benzo(a)pyrene	24.445	252	59230	1.394	ng/u1#	93
96) Benzo(g,h,i)perylene	29.351	276	50748m	1.214	ng/u1	

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

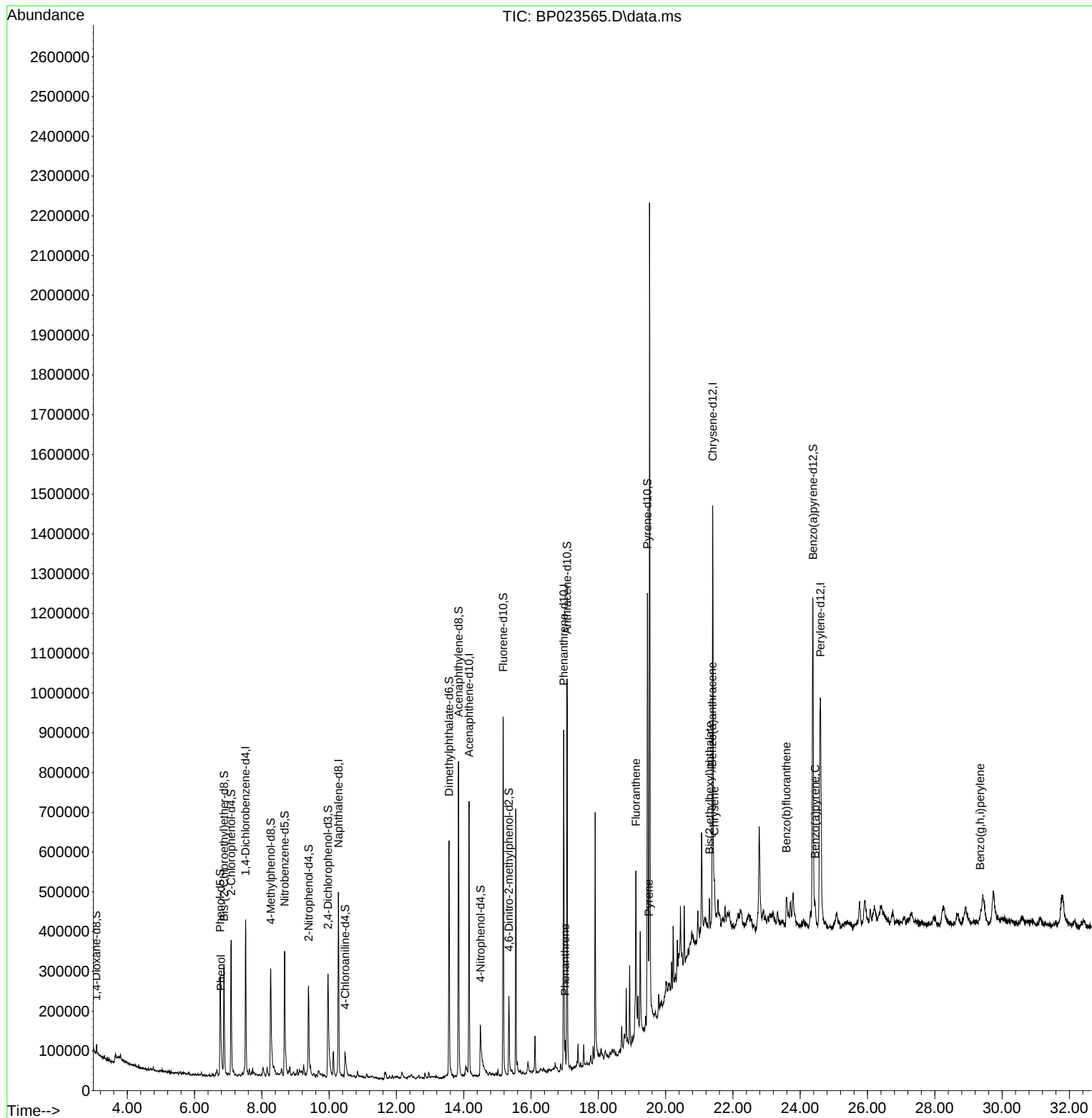
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
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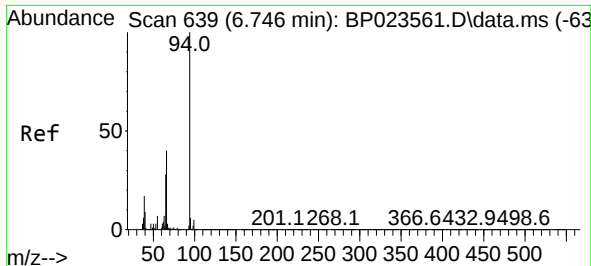
Instrument :
BNA_P
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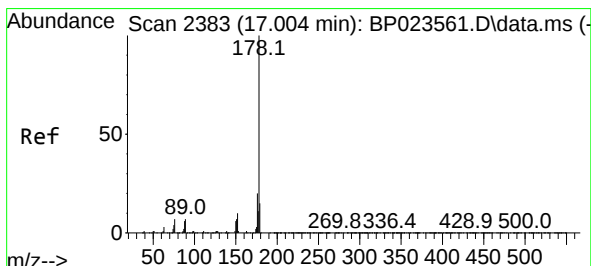
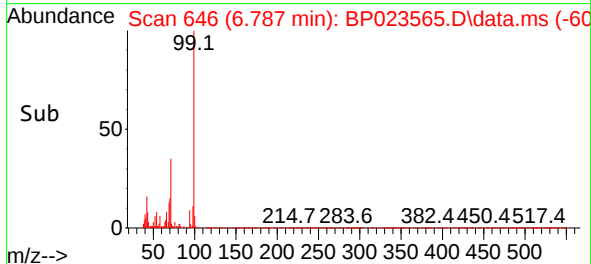
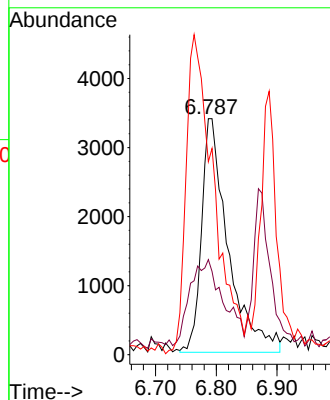
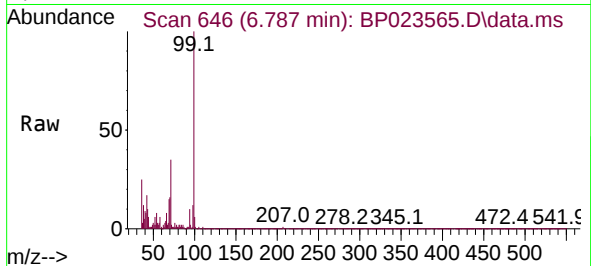
#8
Phenol
Concen: 1.236 ng/ul m
RT: 6.787 min Scan# 64
Delta R.T. 0.041 min
Lab File: BP023565.D
Acq: 23 Dec 2024 16:22

Instrument :
BNA_P
ClientSampleId :
E2909

Tgt Ion: 94 Resp: 1030
Ion Ratio Lower Upper
94 100
65 40.2 28.0 42.0
66 81.8 42.0 63.0

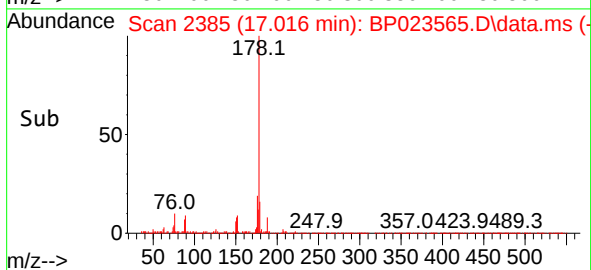
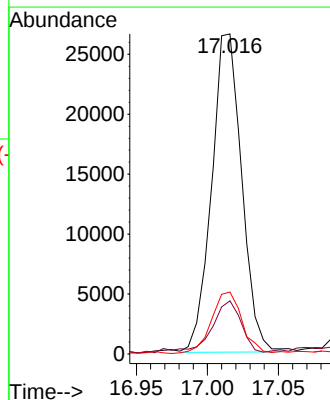
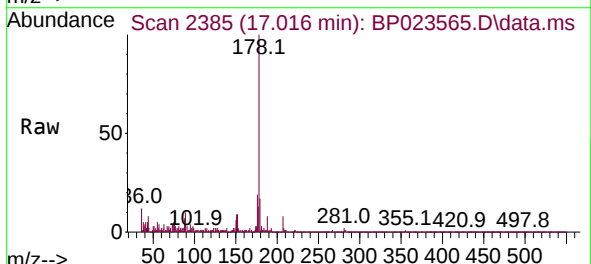
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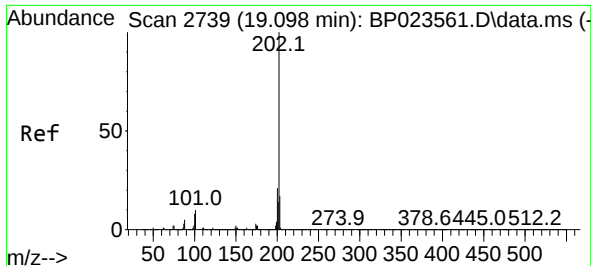
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024



#72
Phenanthrene
Concen: 1.506 ng/ul
RT: 17.016 min Scan# 2385
Delta R.T. 0.012 min
Lab File: BP023565.D
Acq: 23 Dec 2024 16:22

Tgt Ion:178 Resp: 39133
Ion Ratio Lower Upper
178 100
179 16.6 12.1 18.1
176 19.4 15.4 23.0





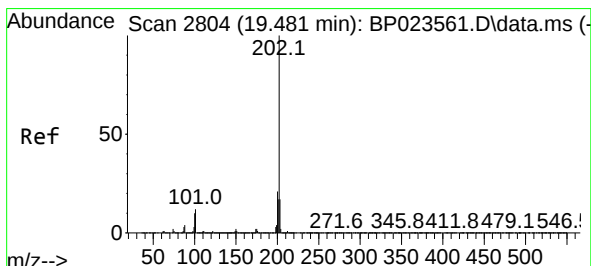
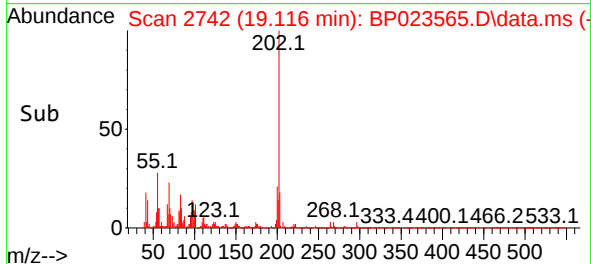
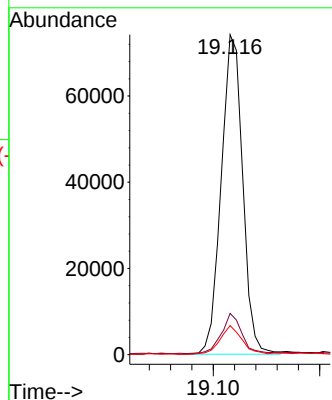
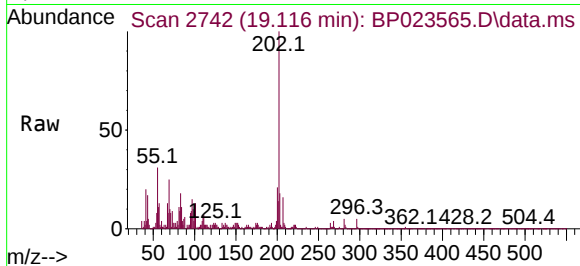
#80
Fluoranthene
Concen: 2.771 ng/ul
RT: 19.116 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP023565.D
Acq: 23 Dec 2024 16:22

Instrument :
BNA_P
ClientSampleId :
E2909

Tgt Ion:202 Resp: 103680
Ion Ratio Lower Upper
202 100
101 12.9 5.6 8.4
100 9.1 4.6 7.0

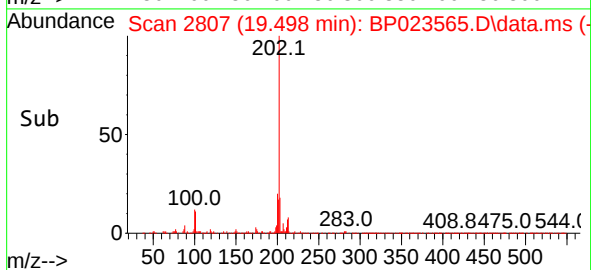
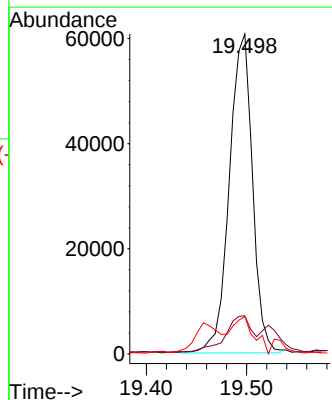
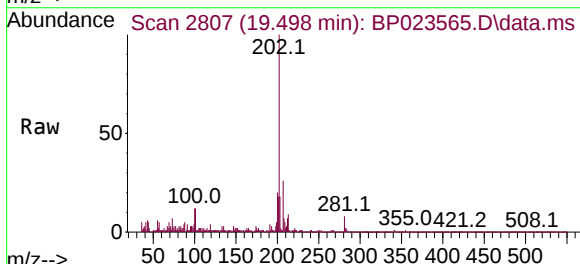
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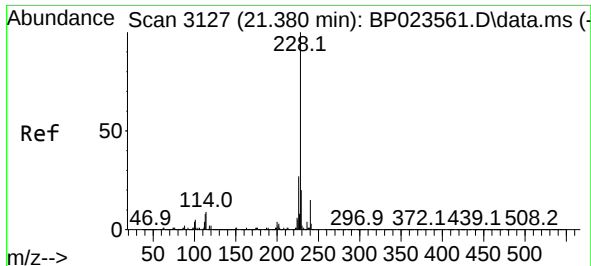
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/30/2024



#82
Pyrene
Concen: 2.449 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.018 min
Lab File: BP023565.D
Acq: 23 Dec 2024 16:22

Tgt Ion:202 Resp: 97243
Ion Ratio Lower Upper
202 100
101 11.9 6.7 10.1#
100 11.7 5.8 8.8#





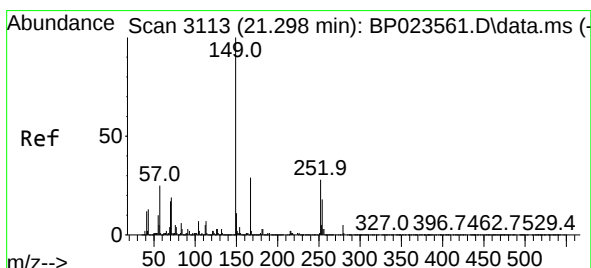
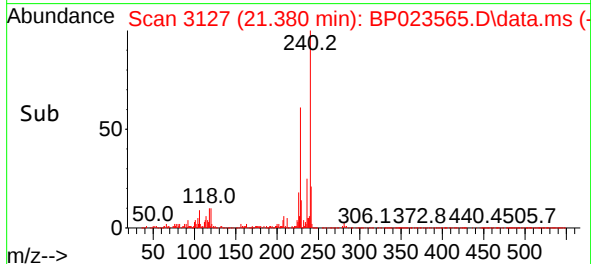
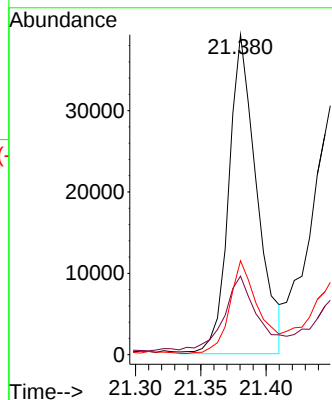
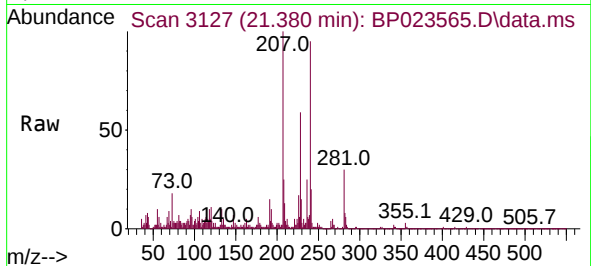
#85
Benzo(a)anthracene
Concen: 1.405 ng/ul m
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BP023565.D
Acq: 23 Dec 2024 16:22

Instrument : BNA_P
ClientSampleId : E2909

Tgt Ion:228 Resp: 5888
Ion Ratio Lower Upper
228 100
229 24.6 15.7 23.5
226 29.4 21.6 32.4

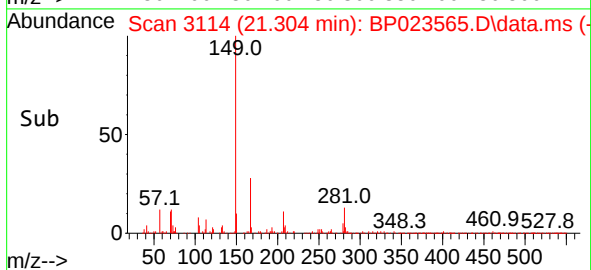
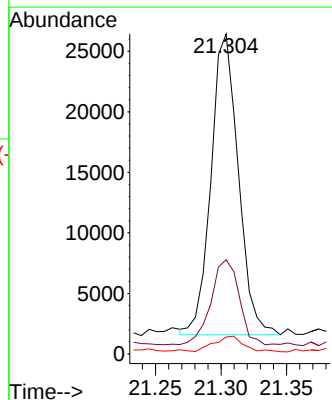
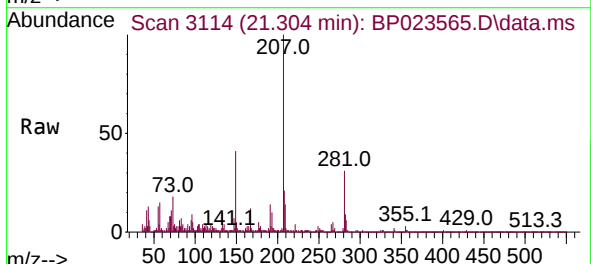
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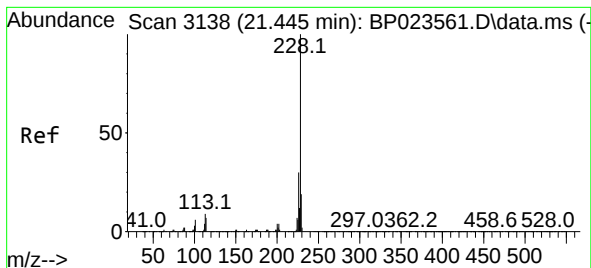
Reviewed By :Yogesh Patel 12/24/2024
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#86
Bis(2-ethylhexyl)phthalate
Concen: 1.822 ng/ul
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP023565.D
Acq: 23 Dec 2024 16:22

Tgt Ion:149 Resp: 35989
Ion Ratio Lower Upper
149 100
167 29.5 22.5 33.7
279 5.3 3.7 5.5





#87

Chrysene

Concen: 1.506 ng/ul

RT: 21.451 min Scan# 3138

Delta R.T. 0.006 min

Lab File: BP023565.D

Acq: 23 Dec 2024 16:22

Instrument :

BNA_P

ClientSampleId :

E2909

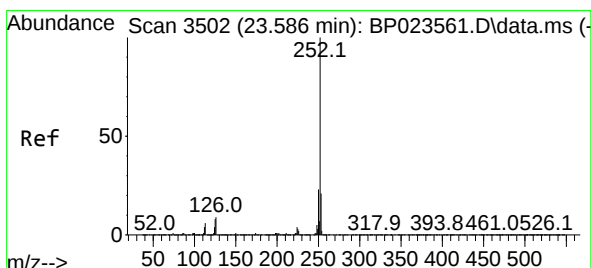
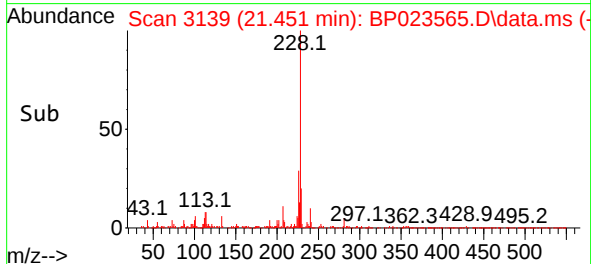
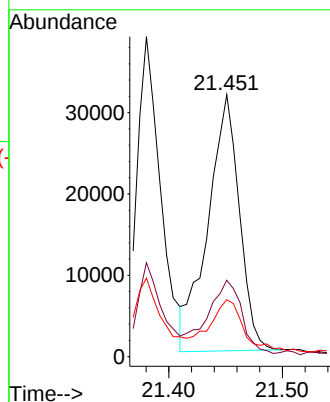
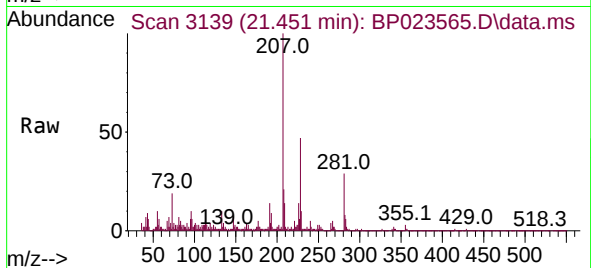
Tgt Ion:228	Resp: 60499
Ion Ratio	Lower Upper
228 100	
226 29.2	24.2 36.2
229 21.8	15.6 23.4

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#90

Benzo(b)fluoranthene

Concen: 1.869 ng/ul

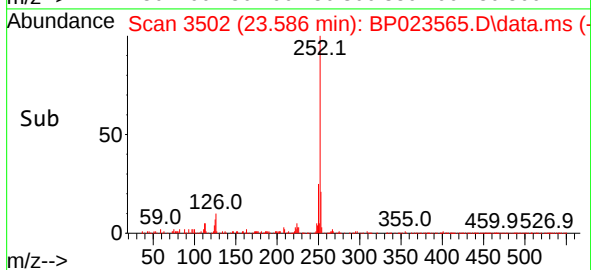
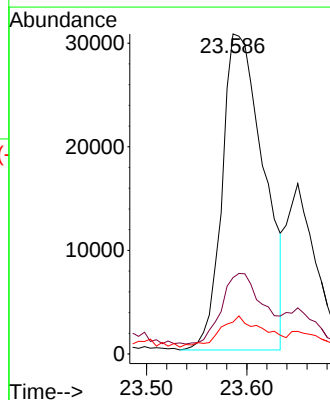
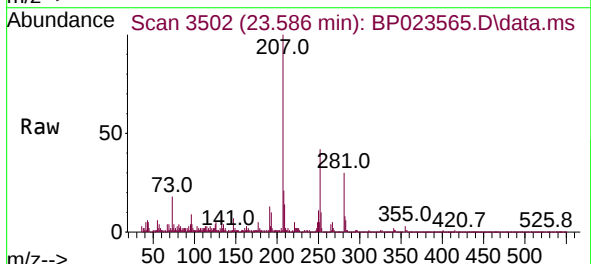
RT: 23.586 min Scan# 3502

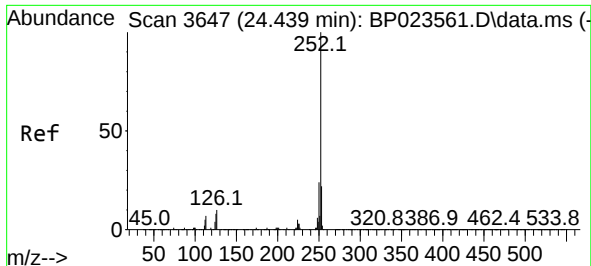
Delta R.T. -0.000 min

Lab File: BP023565.D

Acq: 23 Dec 2024 16:22

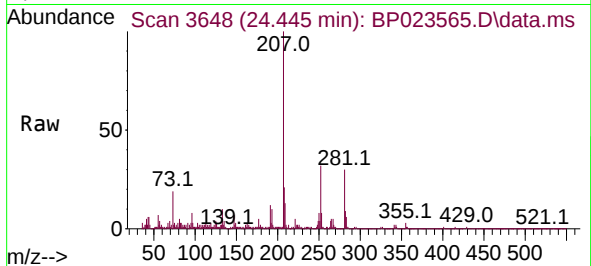
Tgt Ion:252	Resp: 87612
Ion Ratio	Lower Upper
252 100	
253 23.9	17.3 25.9
125 9.9	4.4 6.6





#93
Benzo(a)pyrene
Concen: 1.394 ng/ul
RT: 24.445 min Scan# 3647
Delta R.T. 0.006 min
Lab File: BP023565.D
Acq: 23 Dec 2024 16:22

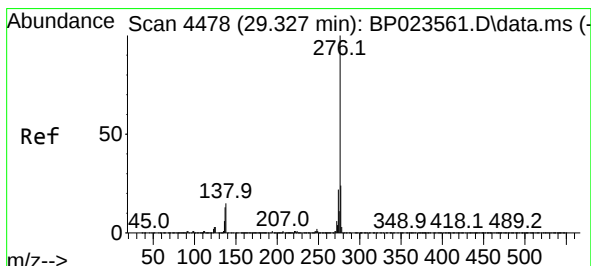
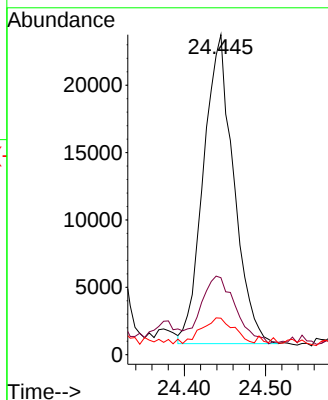
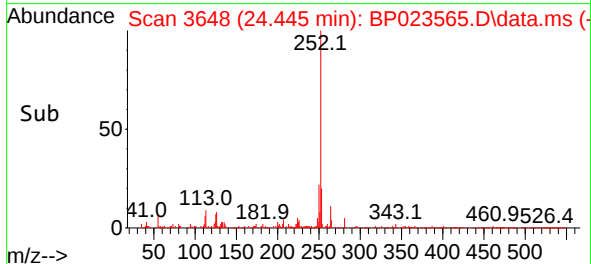
Instrument :
BNA_P
ClientSampleId :
E2909



Tgt Ion:252 Resp: 59230
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 11.4 5.0 7.4

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#96
Benzo(g,h,i)perylene
Concen: 1.214 ng/ul m
RT: 29.351 min Scan# 4482
Delta R.T. 0.023 min
Lab File: BP023565.D
Acq: 23 Dec 2024 16:22

Tgt Ion:276 Resp: 50748
Ion Ratio Lower Upper
276 100
138 18.9 8.5 12.7#
277 23.2 18.9 28.3

