

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121624\  
 Data File : BP023464.D  
 Acq On : 17 Dec 2024 12:42  
 Operator : RC/JU  
 Sample : P5264-04  
 Misc : GCMS CONFIRMATION  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AS4

Quant Time: Dec 17 23:12:47 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

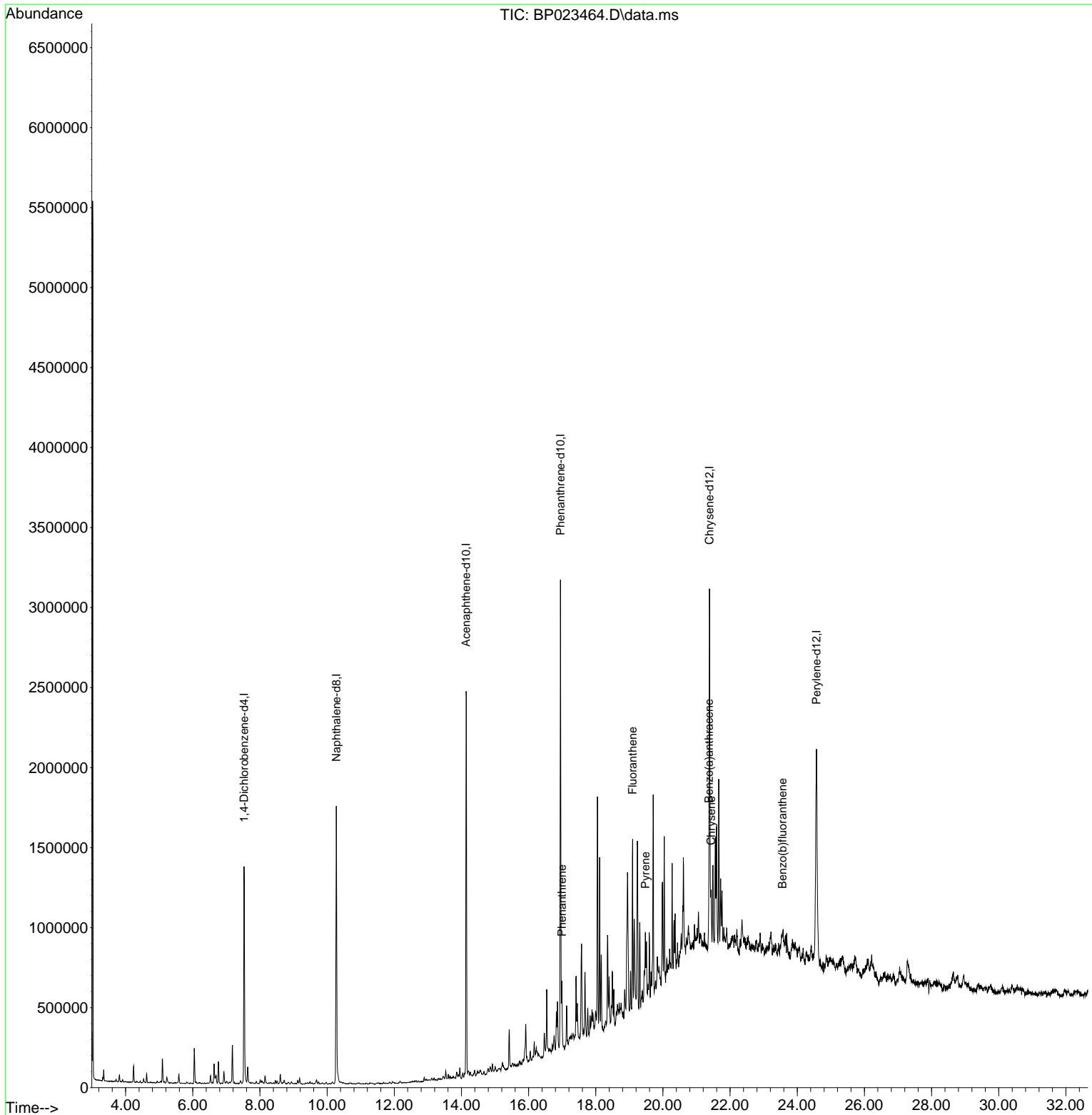
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	377577	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.275	136	1348369	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.139	164	847271	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	1537223	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.386	240	1190034	20.000	ng/ul	# 0.00
88) Perylene-d12	24.574	264	1465590	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						
72) Phenanthrene	16.992	178	235212	2.960	ng/ul	97
80) Fluoranthene	19.098	202	636810	8.938	ng/ul#	95
82) Pyrene	19.480	202	255951	3.386	ng/ul#	95
85) Benzo(a)anthracene	21.368	228	170845	2.141	ng/ul	98
87) Chrysene	21.433	228	226661	2.964	ng/ul	99
90) Benzo(b)fluoranthene	23.562	252	155343	1.687	ng/ul#	84
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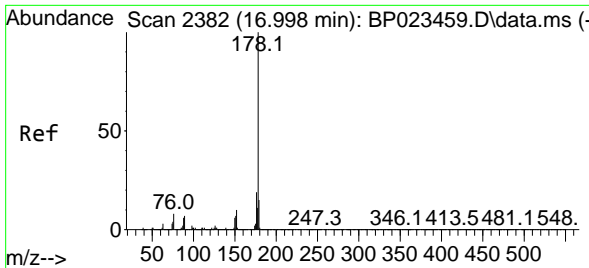
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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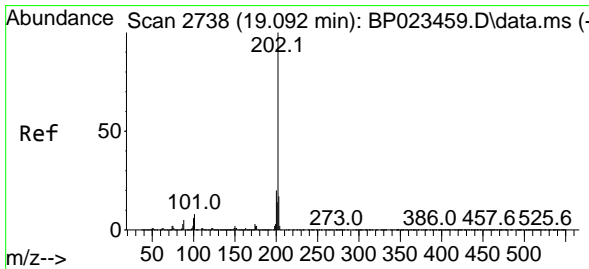
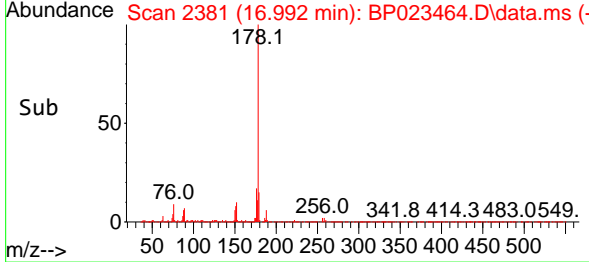
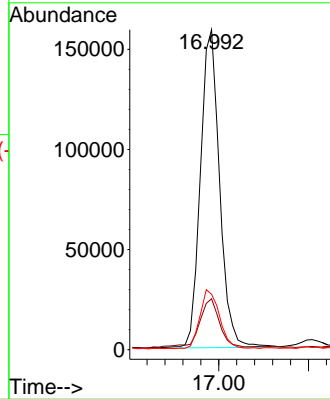
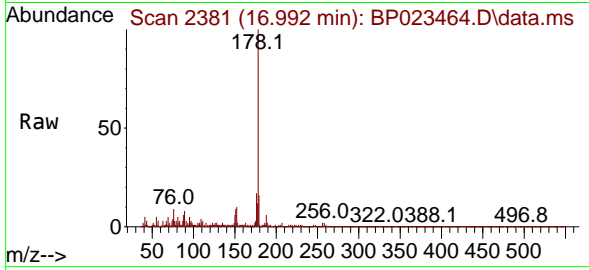


#72  
 Phenanthrene  
 Concen: 2.960 ng/u1  
 RT: 16.992 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP023464.D  
 Acq: 17 Dec 2024 12:42

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AS4

Tgt Ion:178 Resp: 235212

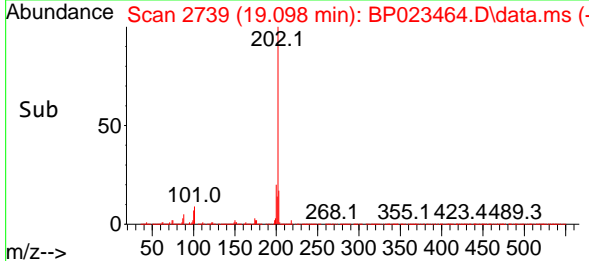
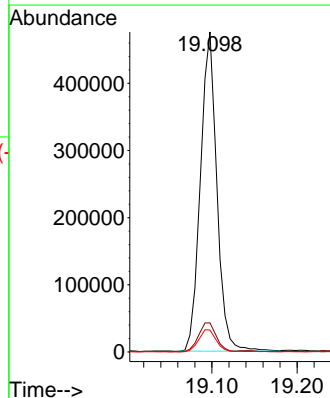
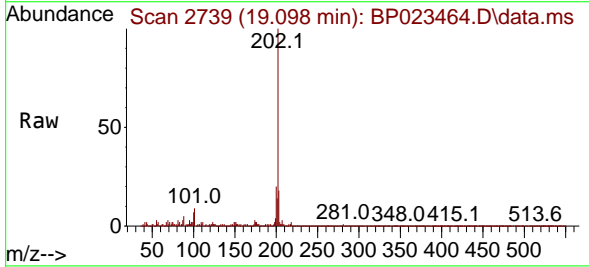
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	17.3	15.4	23.0

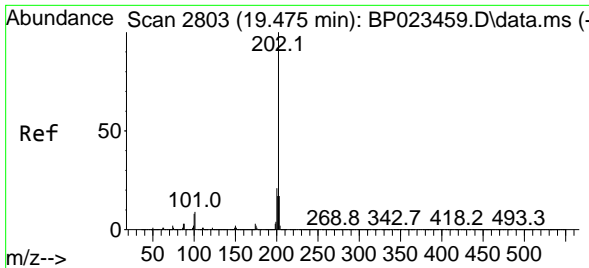


#80  
 Fluoranthene  
 Concen: 8.938 ng/u1  
 RT: 19.098 min Scan# 2739  
 Delta R.T. -0.000 min  
 Lab File: BP023464.D  
 Acq: 17 Dec 2024 12:42

Tgt Ion:202 Resp: 636810

Ion	Ratio	Lower	Upper
202	100		
101	9.1	5.6	8.4#
100	6.9	4.6	7.0

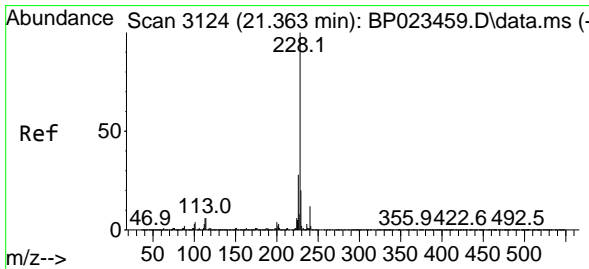
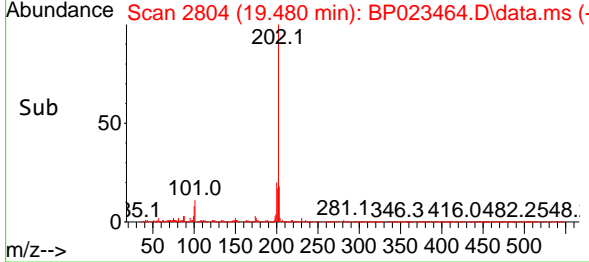
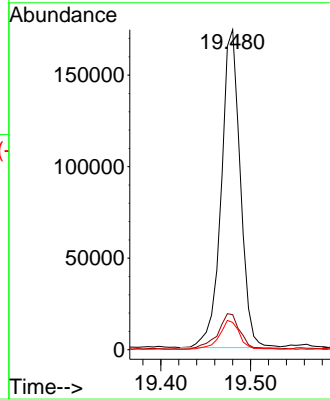
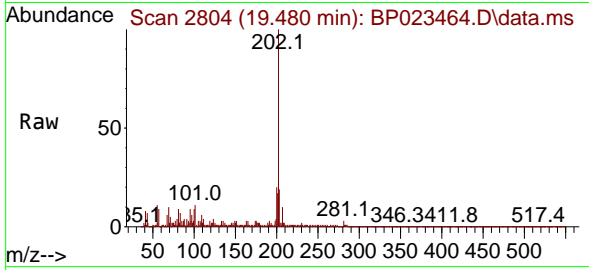




#82  
 Pyrene  
 Concen: 3.386 ng/u1  
 RT: 19.480 min Scan# 21  
 Delta R.T. 0.005 min  
 Lab File: BP023464.D  
 Acq: 17 Dec 2024 12:42

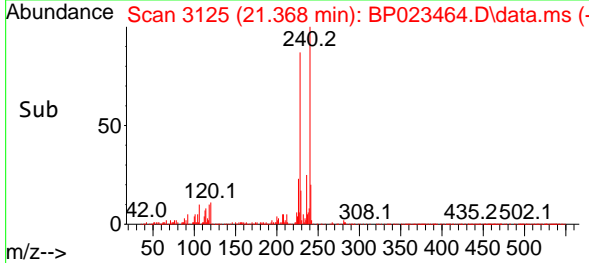
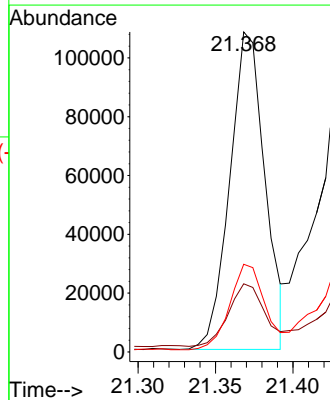
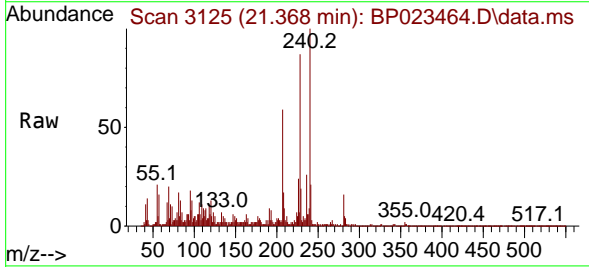
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 ClientSampleId :  
 COAS4

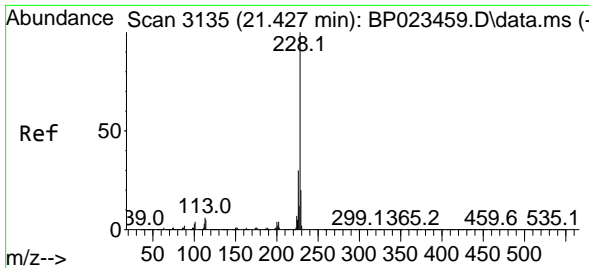
Tgt Ion	Resp	Lower	Upper
202	100		
101	10.9	6.7	10.1#
100	8.5	5.8	8.8



#85  
 Benzo(a)anthracene  
 Concen: 2.141 ng/u1  
 RT: 21.368 min Scan# 3125  
 Delta R.T. -0.000 min  
 Lab File: BP023464.D  
 Acq: 17 Dec 2024 12:42

Tgt Ion	Resp	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	27.4	21.6	32.4



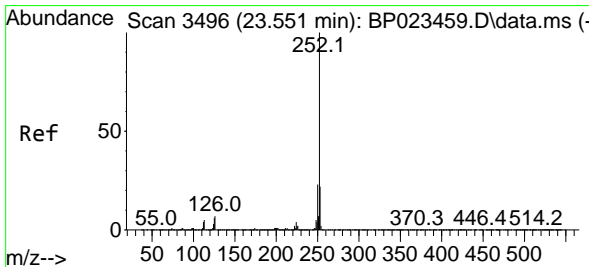
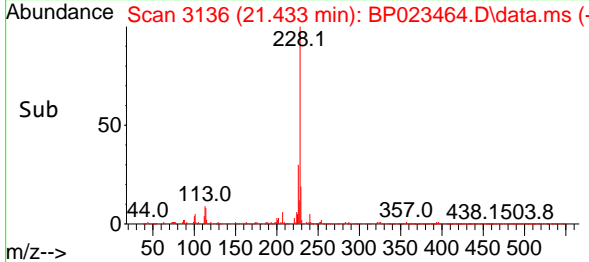
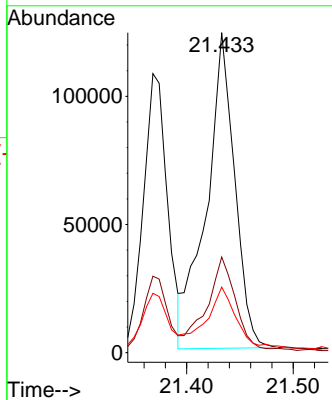
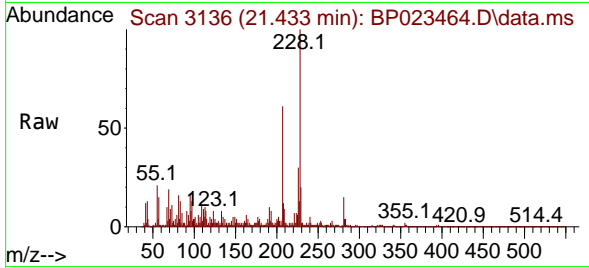


#87  
 Chrysene  
 Concen: 2.964 ng/u1  
 RT: 21.433 min Scan# 3136  
 Delta R.T. -0.006 min  
 Lab File: BP023464.D  
 Acq: 17 Dec 2024 12:42

Instrument :  
 BNA\_P  
 ClientSampleId :  
 COAS4

Tgt Ion:228 Resp: 226661

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	20.5	15.6	23.4



#90  
 Benzo(b)fluoranthene  
 Concen: 1.687 ng/u1  
 RT: 23.562 min Scan# 3498  
 Delta R.T. 0.005 min  
 Lab File: BP023464.D  
 Acq: 17 Dec 2024 12:42

Tgt Ion:252 Resp: 155343

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.3	25.9#
125	15.6	4.4	6.6#

