Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121224\
Data File : BP023393.D
Acq On : 12 Dec 2024 13:08
Operator : RC/JU
Sample : P5153-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28P4

Quant Time: Dec 13 00:44:47 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)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	116456	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	415176	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.145	164	301184	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.963	188	642325	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	724405	20.000	ng/ul	0.00
88) Perylene-d12	24.557	264	833199	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	9577	3.028	ng/uL	0.00
4) Pyridine-d5	3.522	84	120514	14.816	ng/ul	0.00
7) Phenol-d5	6.752	99	158280	17.322	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	109850	19.055	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	121923	18.079	ng/ul	0.00
15) 4-Methylphenol-d8	8.252	113	126330	17.130	ng/ul	0.00
21) Nitrobenzene-d5	8.687	128	60002	19.354	ng/ul	0.00
24) 2-Nitrophenol-d4	9.399	143	67260	18.824	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.946	165	134845	17.881	ng/ul	0.01
31) 4-Chloroaniline-d4	10.446	131	126250m	14.944	ng/ul	0.00
46) Dimethylphthalate-d6	13.569	166	480995	20.572	ng/ul	0.01
49) Acenaphthylene-d8	13.840	160	508254	20.609	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	51196m	17.868	ng/ul	0.05
60) Fluorene-d10	15.169	176	419159	20.382	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.340	200	29054m	7.484	ng/ul	0.03
73) Anthracene-d10	17.057	188	651457	22.223	ng/ul	0.00
81) Pyrene-d10	19.445	212	836637	22.106	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.345	264	897860	20.130	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.775	94	19896m	2.092	ng/ul	
72) Phenanthrene	16.998	178	171351	5.160	ng/ul	97
74) Anthracene	17.098	178	47252m	1.423	ng/ul	
80) Fluoranthene	19.104	202	208692	4.812	ng/ul	100
82) Pyrene	19.480	202	176298	3.831	ng/ul	99
85) Benzo(a)anthracene	21.369	228	84659	1.743	ng/ul#	92
87) Chrysene	21.433	228	77922	1.674	ng/ul#	92
90) Benzo(b)fluoranthene	23.568	252	84877	1.621	ng/ul#	56
93) Benzo(a)pyrene	24.416	252	65543	1.381	ng/ul#	73

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

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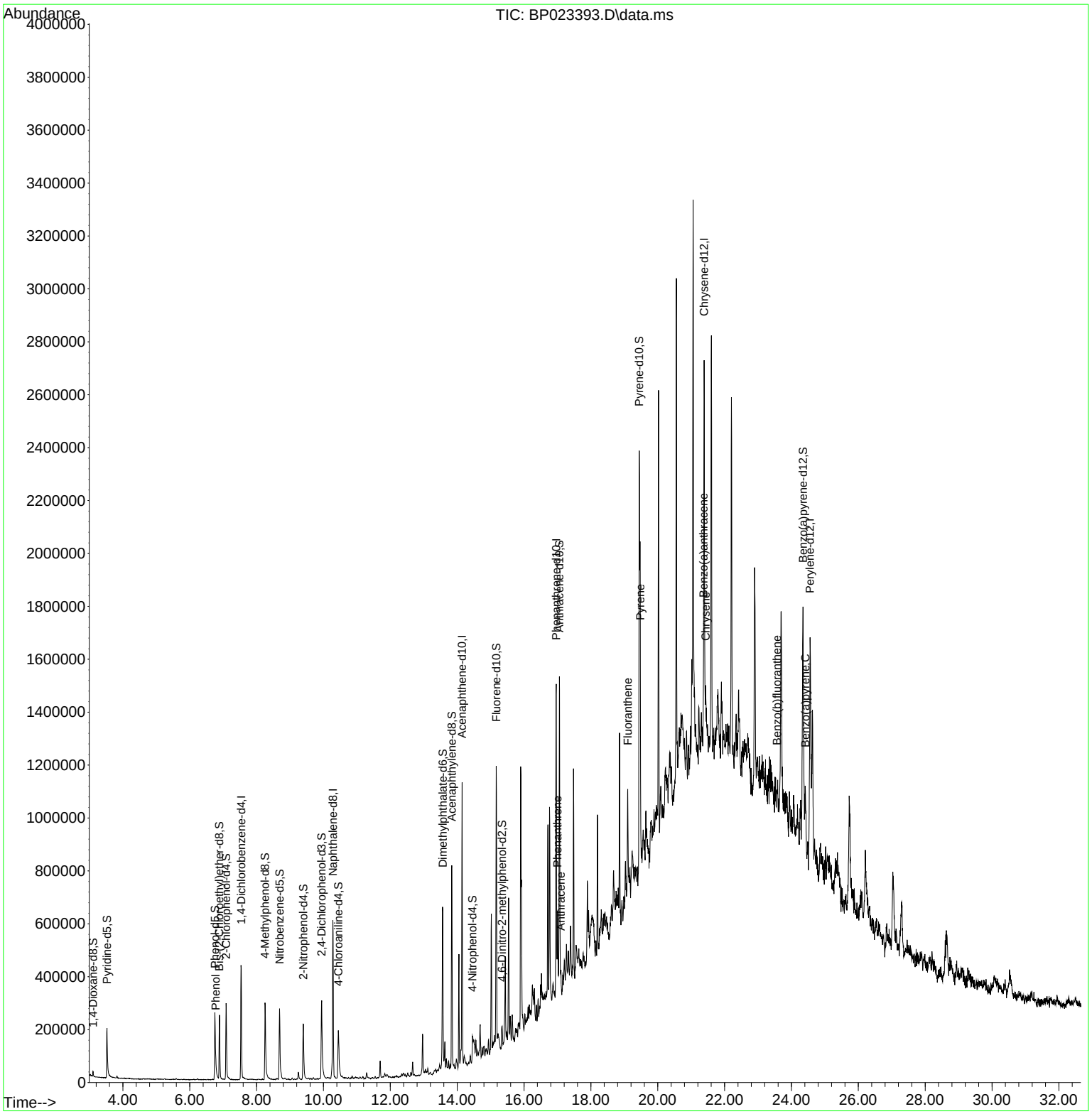
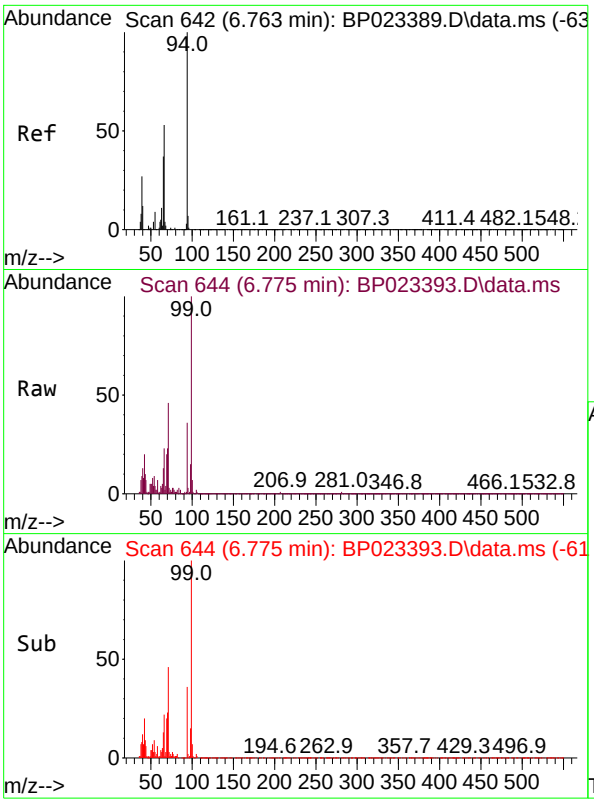


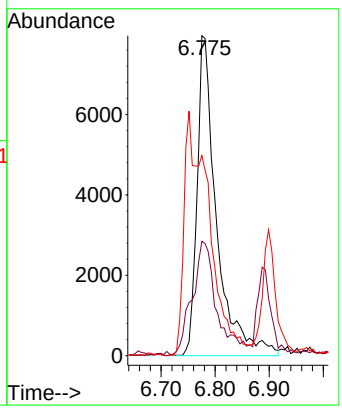


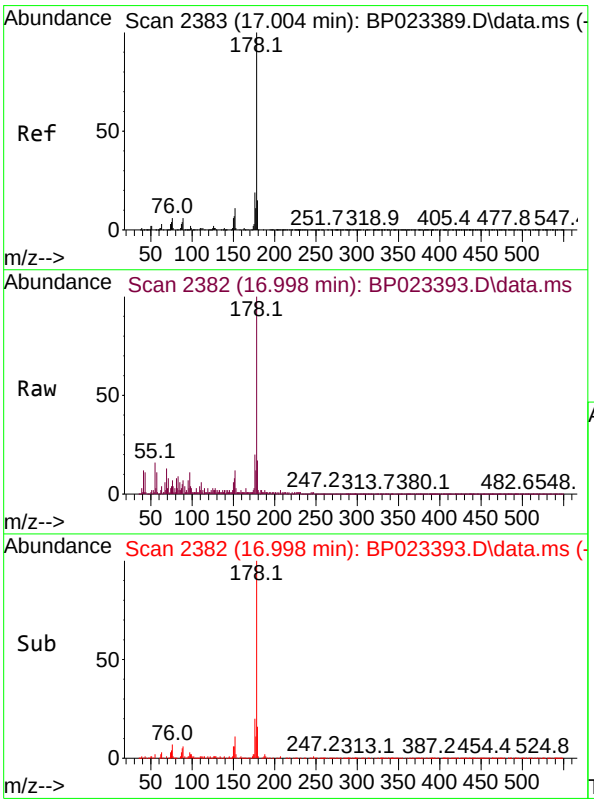
#8
Phenol
Concen: 2.092 ng/ul m
RT: 6.775 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP023393.D
Acq: 12 Dec 2024 13:08

Instrument :
BNA_P
ClientSampleId :
E28P4

Tgt Ion: 94 Resp: 19896

Ion	Ratio	Lower	Upper
94	100		
65	35.7	28.0	42.0
66	62.5	42.0	63.0

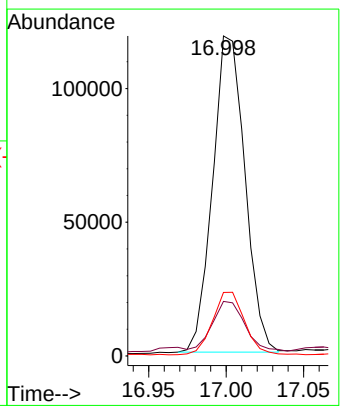


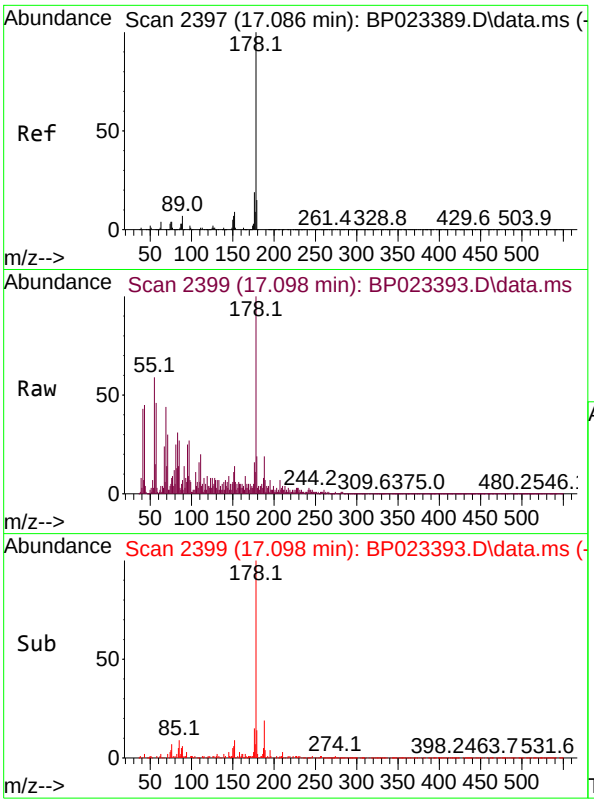


#72
Phenanthrene
Concen: 5.160 ng/ul
RT: 16.998 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP023393.D
Acq: 12 Dec 2024 13:08

Tgt Ion:178 Resp: 171351

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.1	18.1
176	19.8	15.4	23.0



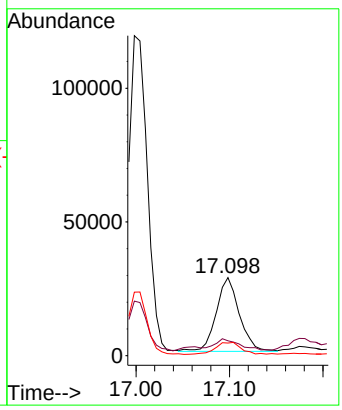


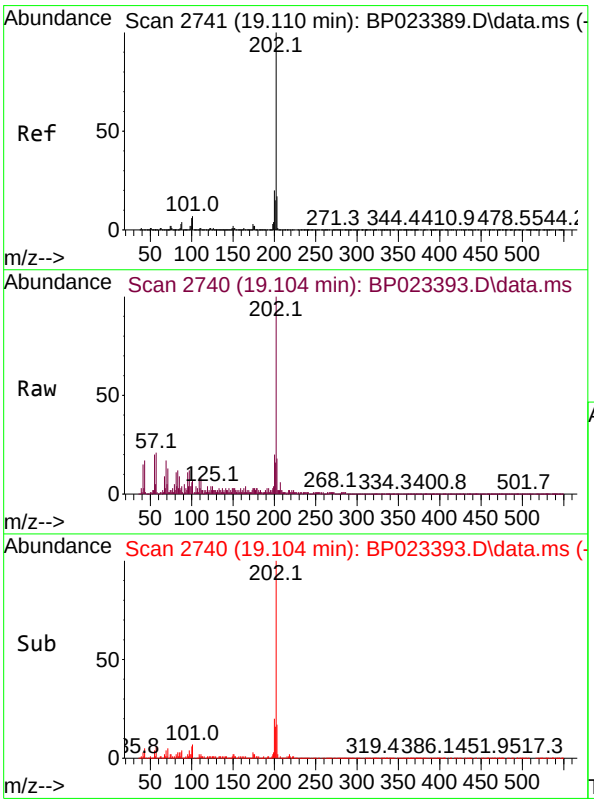
#74
Anthracene
Concen: 1.423 ng/ul m
RT: 17.098 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP023393.D
Acq: 12 Dec 2024 13:08

Instrument :
BNA_P
ClientSampleId :
E28P4

Tgt Ion:178 Resp: 47252

Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.3	18.5#
176	16.3	14.7	22.1

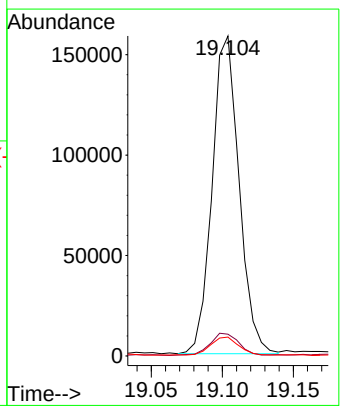


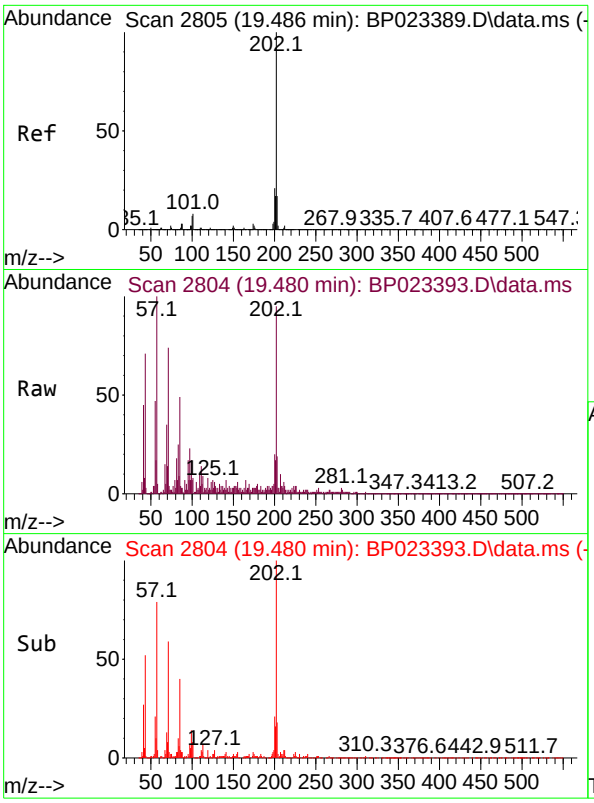


#80
Fluoranthene
Concen: 4.812 ng/ul
RT: 19.104 min Scan# 2740
Delta R.T. 0.006 min
Lab File: BP023393.D
Acq: 12 Dec 2024 13:08

Tgt Ion:202 Resp: 208692

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.6	8.4
100	5.9	4.6	7.0



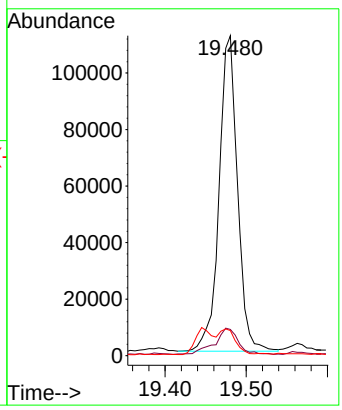


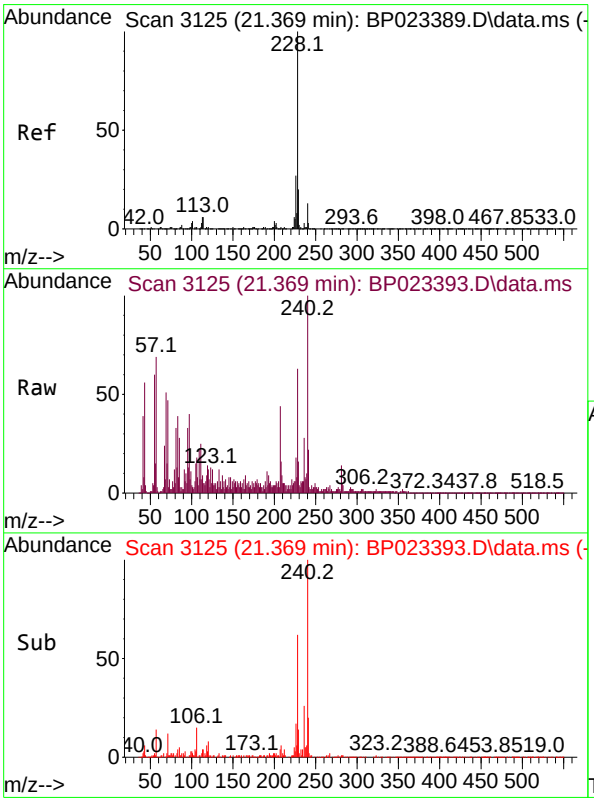
#82
Pyrene
Concen: 3.831 ng/ul
RT: 19.480 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP023393.D
Acq: 12 Dec 2024 13:08

Instrument :
BNA_P
ClientSampleId :
E28P4

Tgt Ion:202 Resp: 176298

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.7	10.1
100	7.9	5.8	8.8

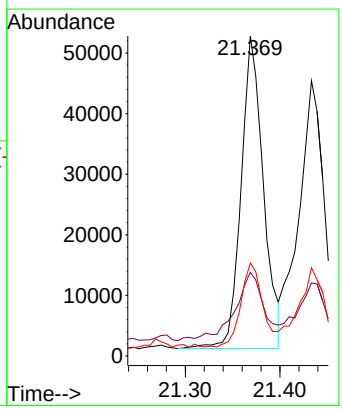


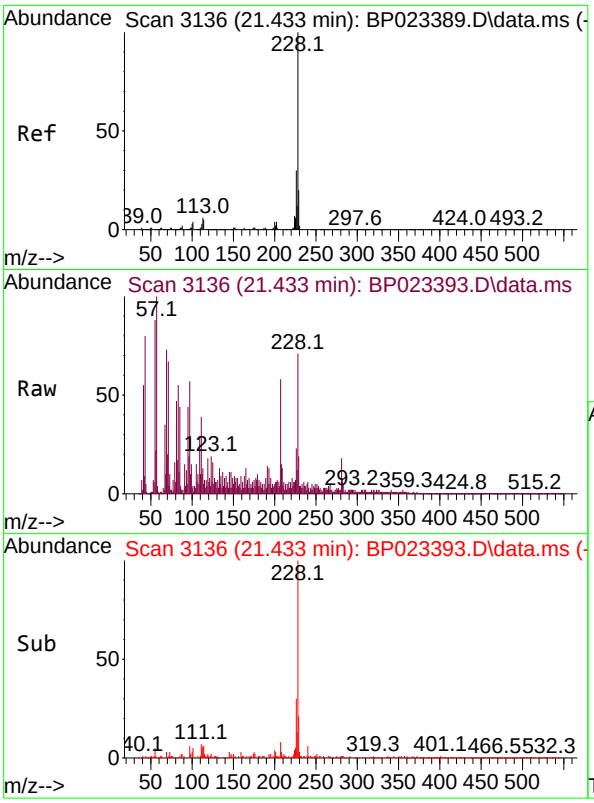


#85
Benzo(a)anthracene
Concen: 1.743 ng/ul
RT: 21.369 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BP023393.D
Acq: 12 Dec 2024 13:08

Tgt Ion:228 Resp: 84659

Ion	Ratio	Lower	Upper
228	100		
229	26.2	15.7	23.5#
226	29.0	21.6	32.4



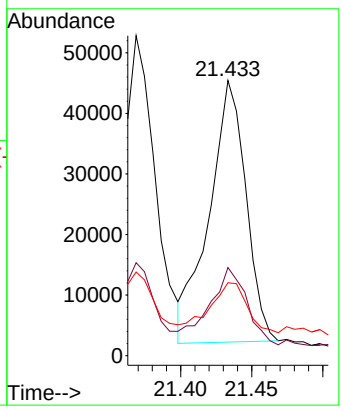


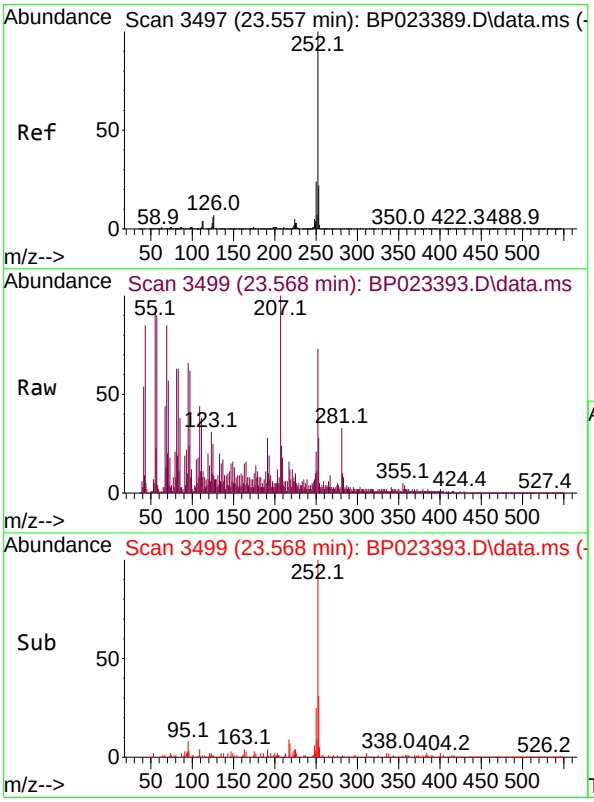
#87
Chrysene
Concen: 1.674 ng/ul
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP023393.D
Acq: 12 Dec 2024 13:08

Instrument :
BNA_P
ClientSampleId :
E28P4

Tgt Ion:228 Resp: 77922

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.2	36.2
229	26.5	15.6	23.4#

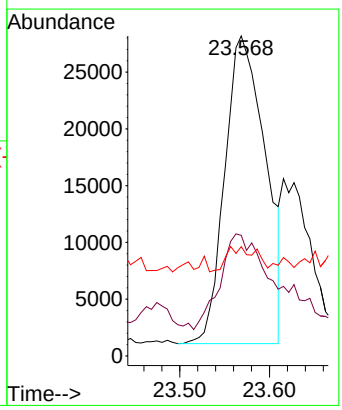


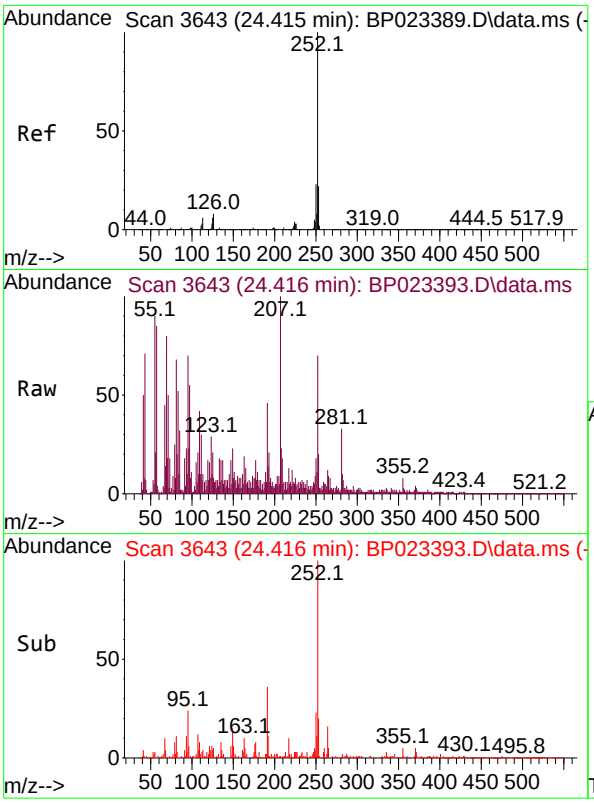


#90
Benzo(b)fluoranthene
Concen: 1.621 ng/ul
RT: 23.568 min Scan# 3499
Delta R.T. 0.012 min
Lab File: BP023393.D
Acq: 12 Dec 2024 13:08

Tgt Ion:252 Resp: 84877

Ion	Ratio	Lower	Upper
252	100		
253	37.7	17.3	25.9#
125	34.1	4.4	6.6#





#93
Benzo(a)pyrene
Concen: 1.381 ng/ul
RT: 24.416 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP023393.D
Acq: 12 Dec 2024 13:08

Instrument :
BNA_P
ClientSampleId :
E28P4

Tgt Ion:252 Resp: 65543

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.4	26.0#
125	29.8	5.0	7.4#