

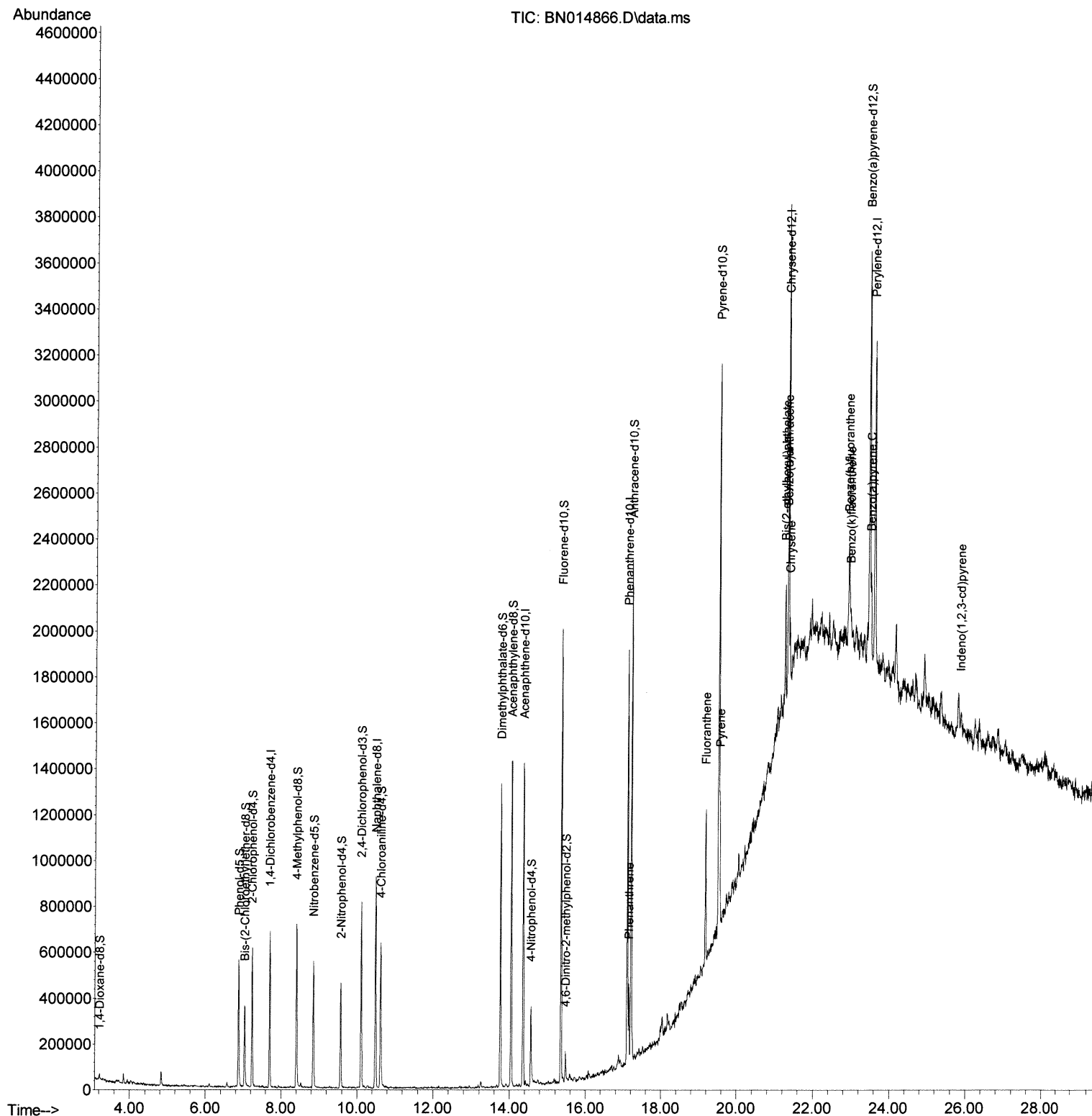
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014866.D
Acq On : 10 Jun 2021 16:32
Operator : CG/JU
Sample : M2618-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
BG5S6

Manual Integrations
APPROVED

mohammad
6/11/2021 2:13:18 PM

Quant Time: Jun 10 17:03:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 10 11:55:23 2021
Response via : Initial Calibration



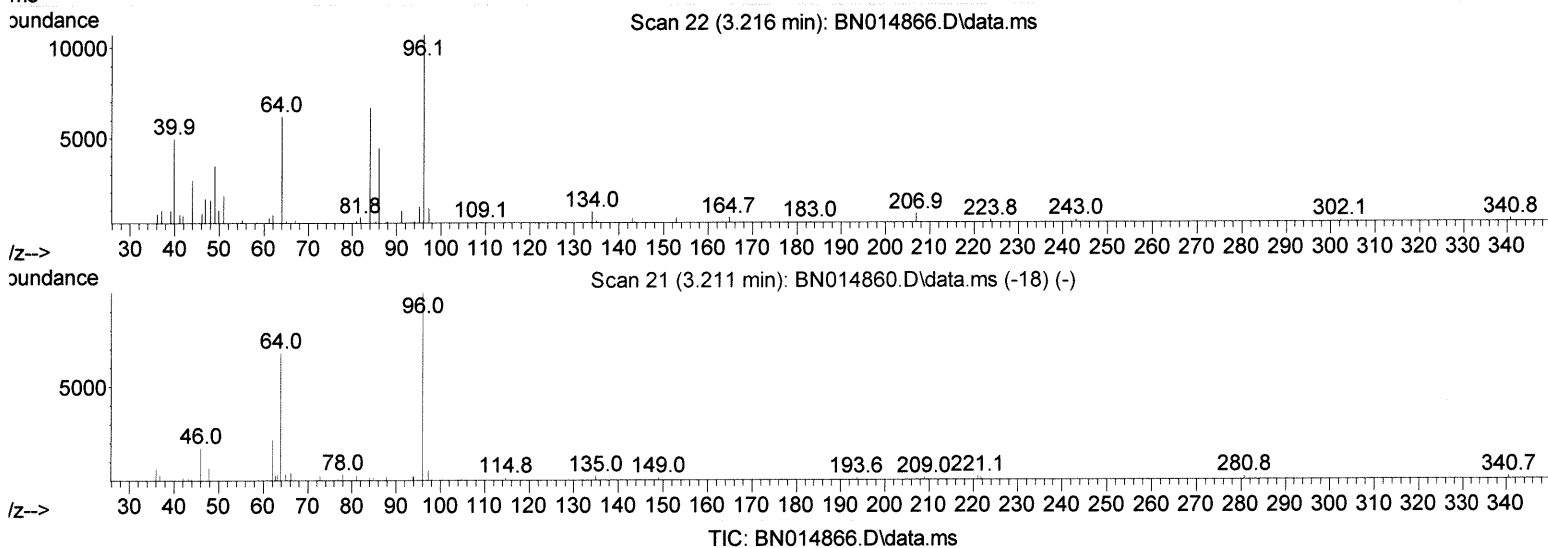
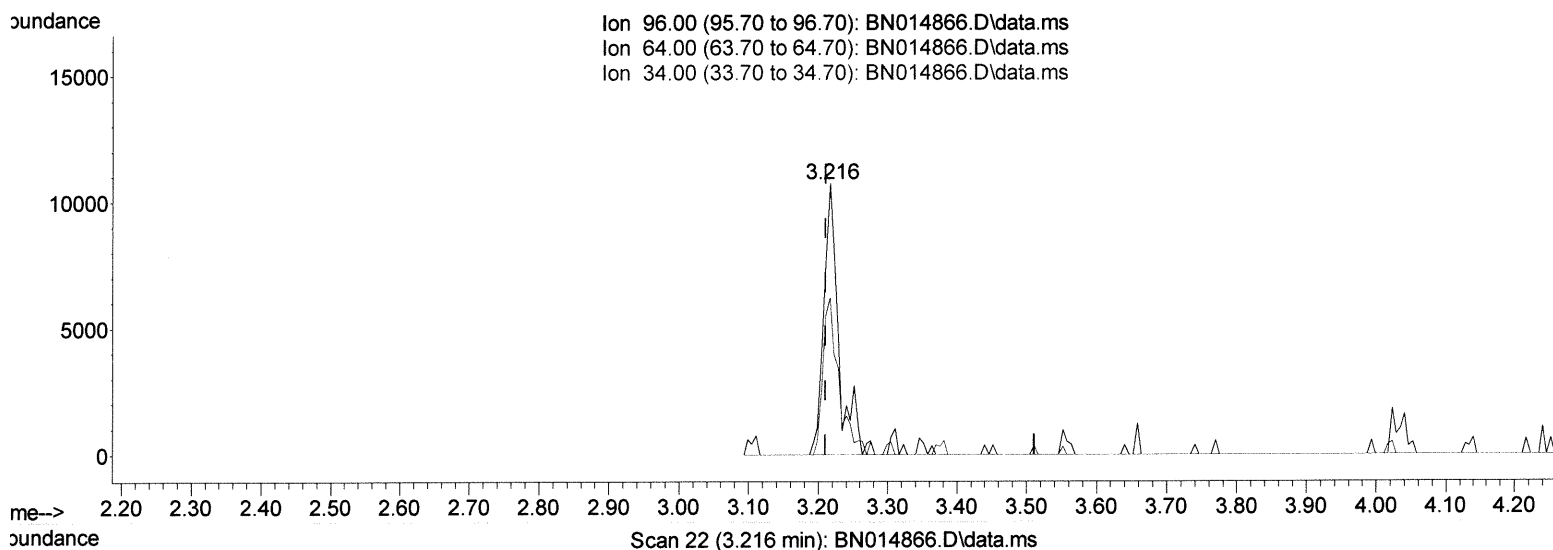
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(3) 1,4-Dioxane-d8 (S)

3.216min (+ 0.005) 3.28 ng/uL

response 13236

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	64.30	57.93
34.00	0.00	0.00
0.00	0.00	0.00

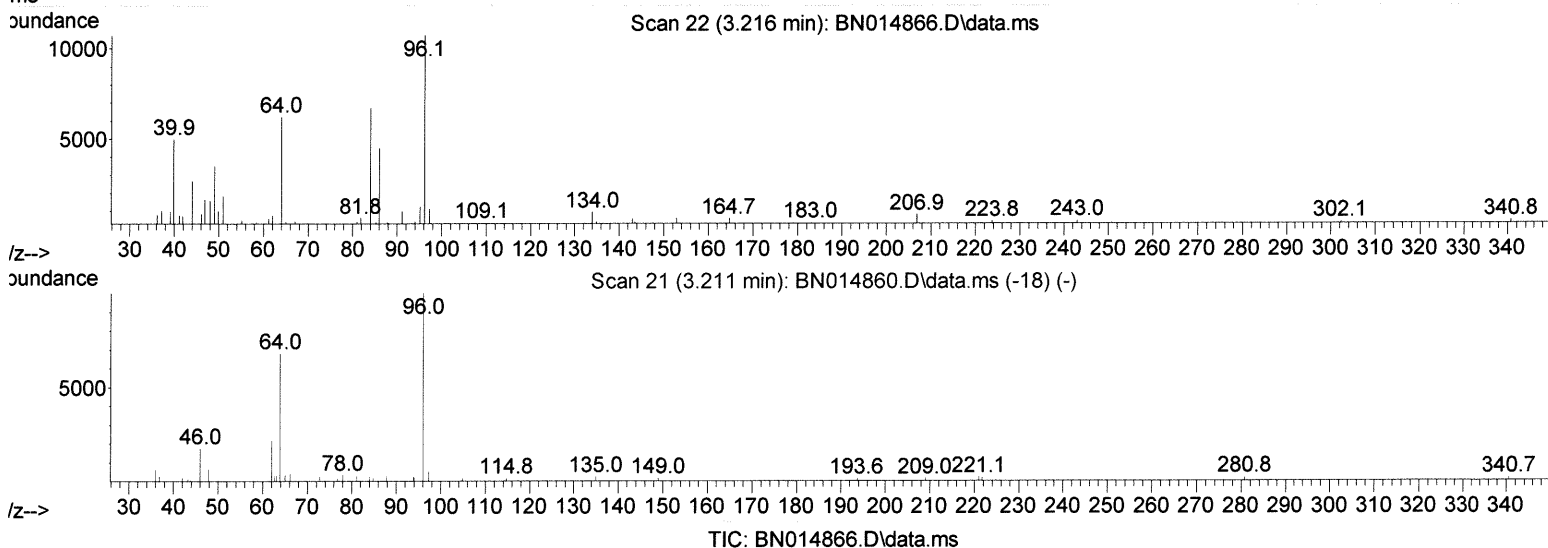
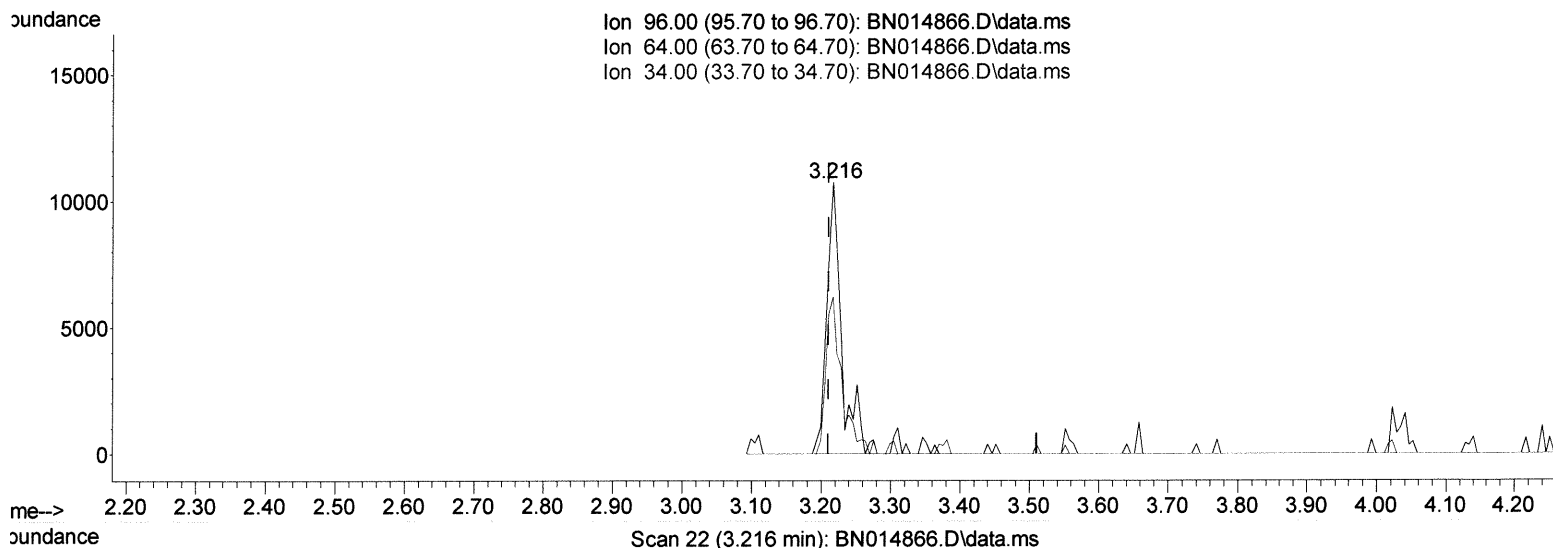
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(3) 1,4-Dioxane-d8 (S)

3.216min (+ 0.005) 3.90 ng/uL m

response 15716

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	64.30	57.93
34.00	0.00	0.00
0.00	0.00	0.00

JU 6/14/21

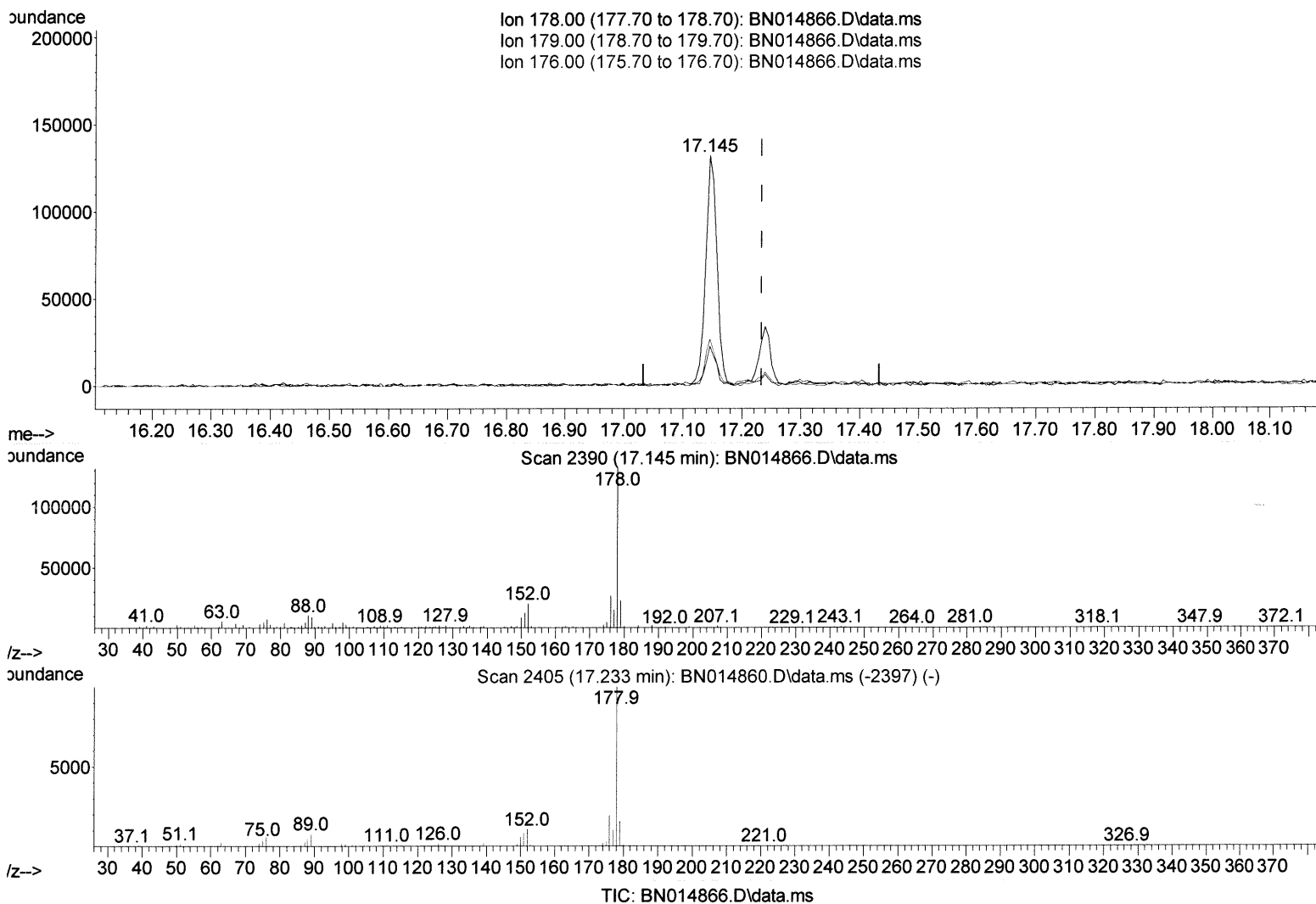
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(74) Anthracene

17.145min (-0.088) 3.22 ng/ul

response 174142

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	17.18
176.00	19.10	20.18
0.00	0.00	0.00

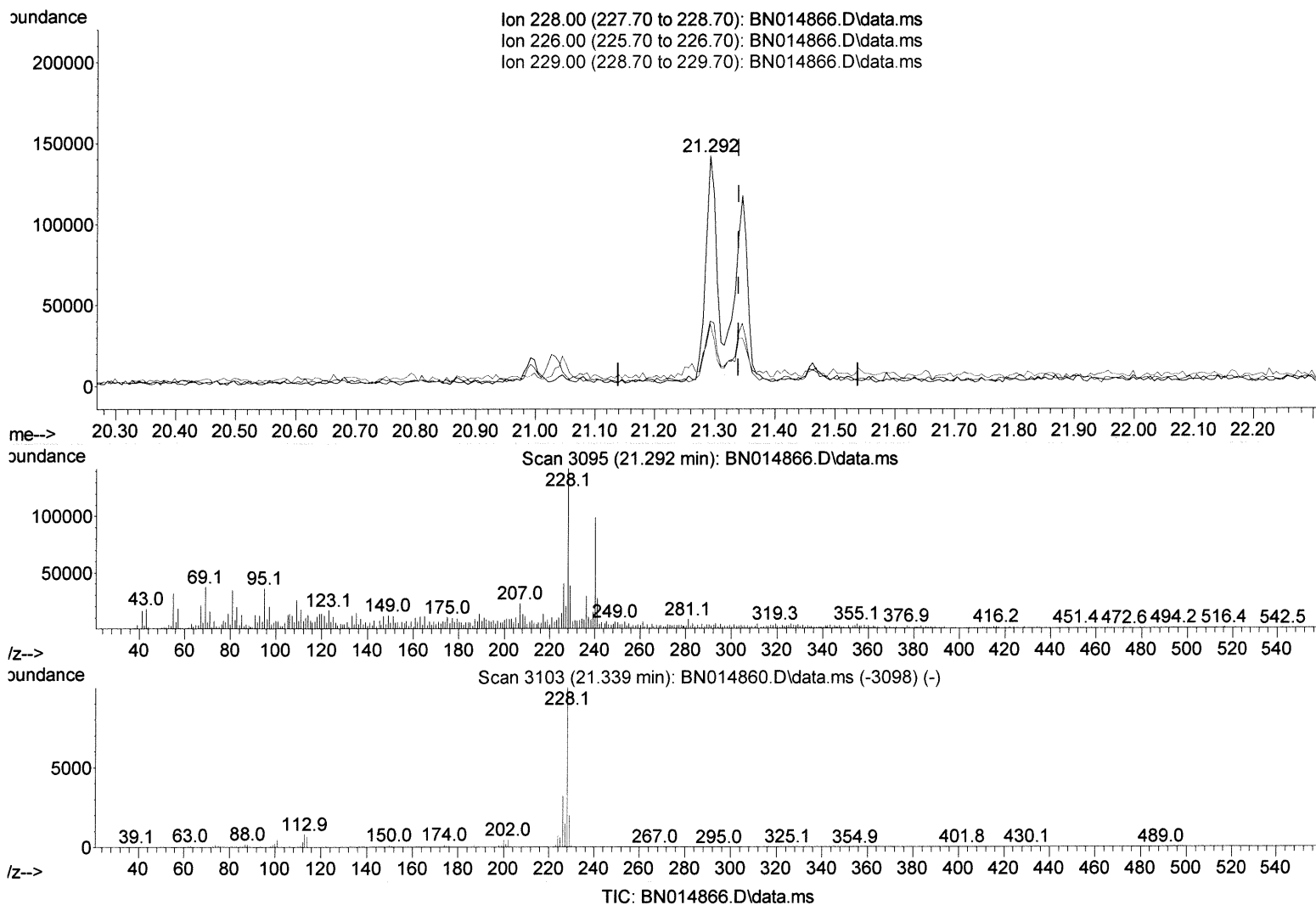
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(87) Chrysene

21.292min (-0.047) 2.92 ng/ul

response 175181

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.70	28.14
229.00	18.50	27.01#
0.00	0.00	0.00

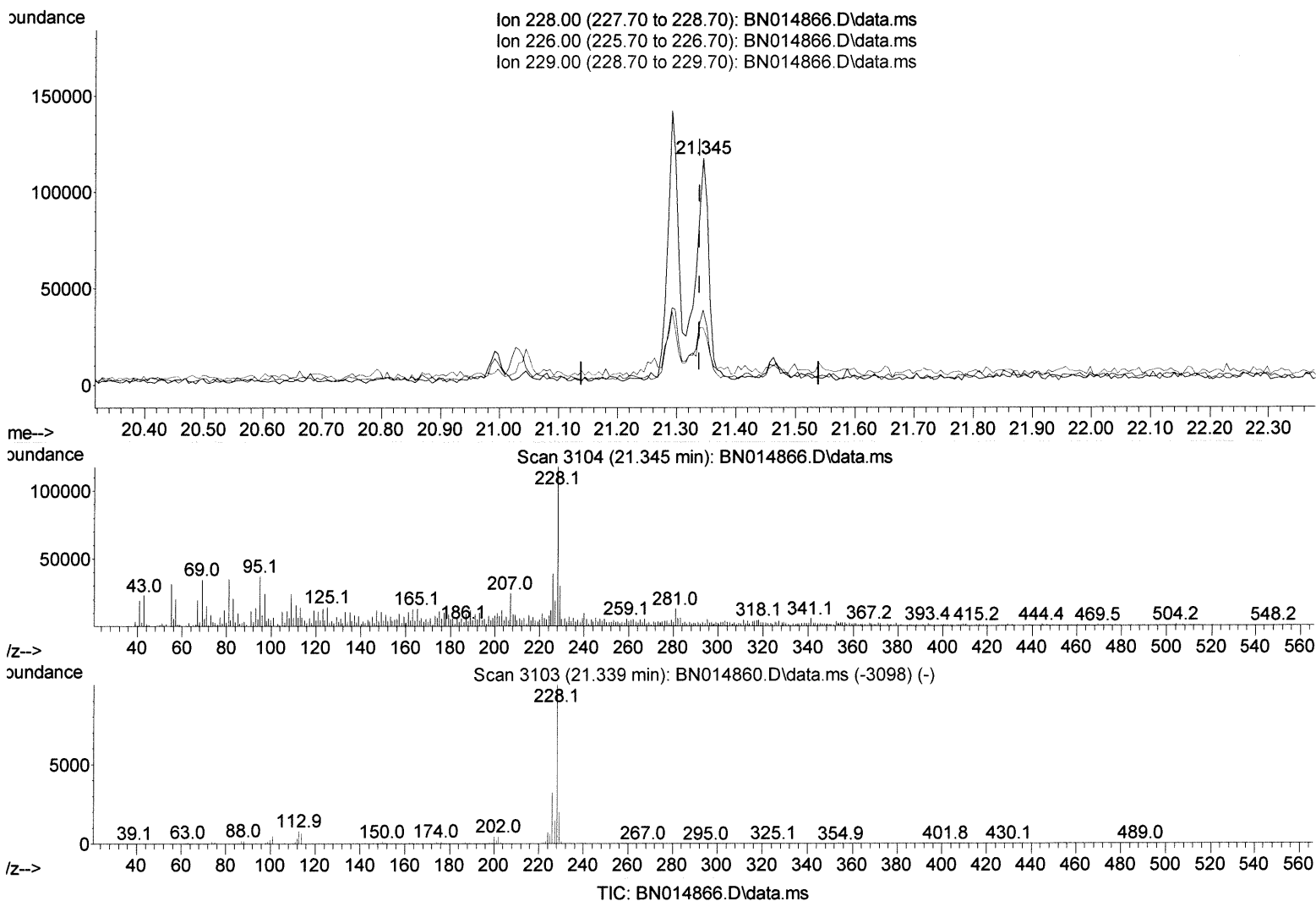
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(87) Chrysene

21.345min (+ 0.006) 2.96 ng/ul m *Jy 6/14/21*

response 177449

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.70	33.04
229.00	18.50	25.21#
0.00	0.00	0.00

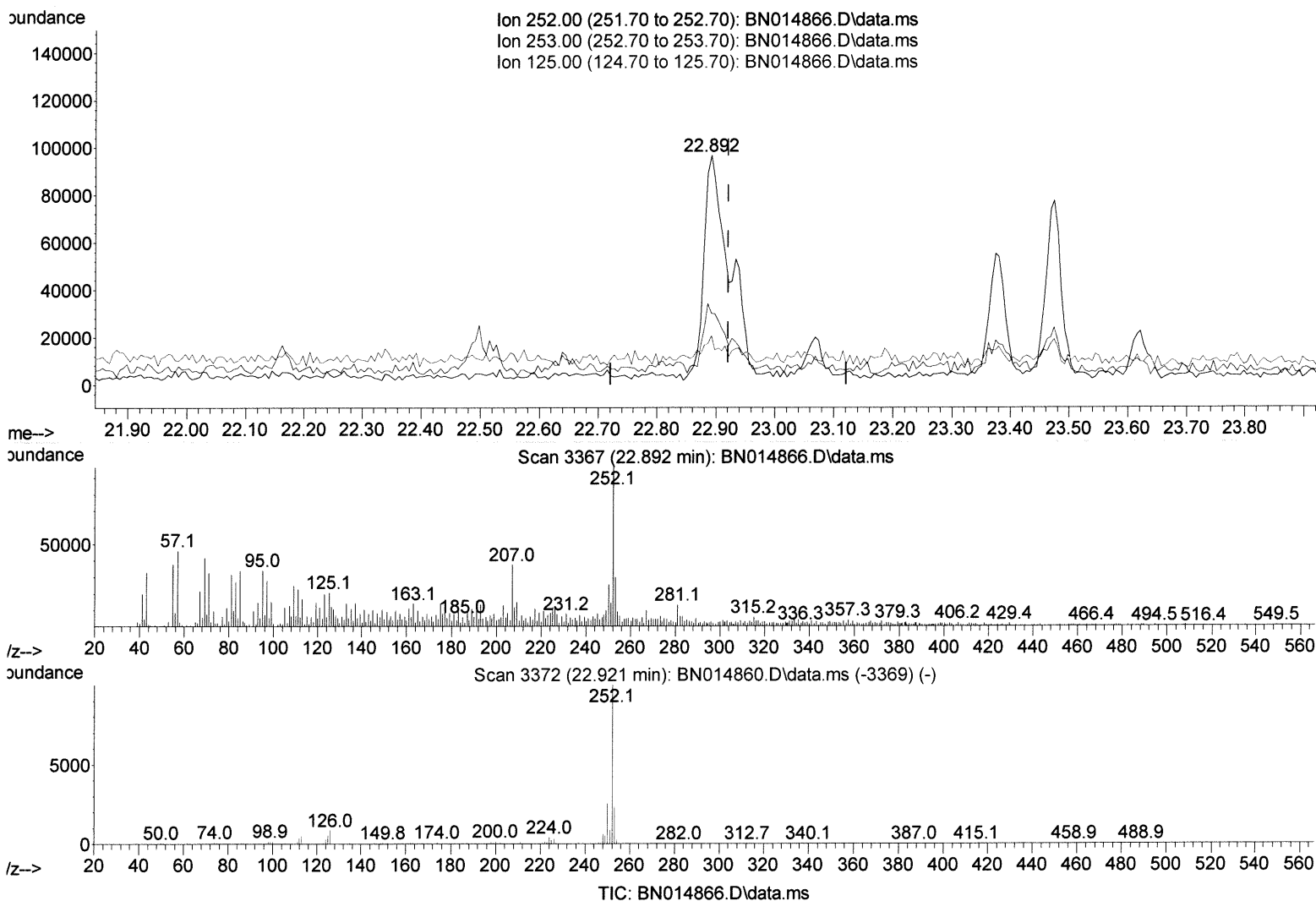
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 Sample : M2618-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(91) Benzo(k)fluoranthene

22.892min (-0.029) 3.32 ng/ul

response 214134

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	30.99#
125.00	6.00	21.41#
0.00	0.00	0.00

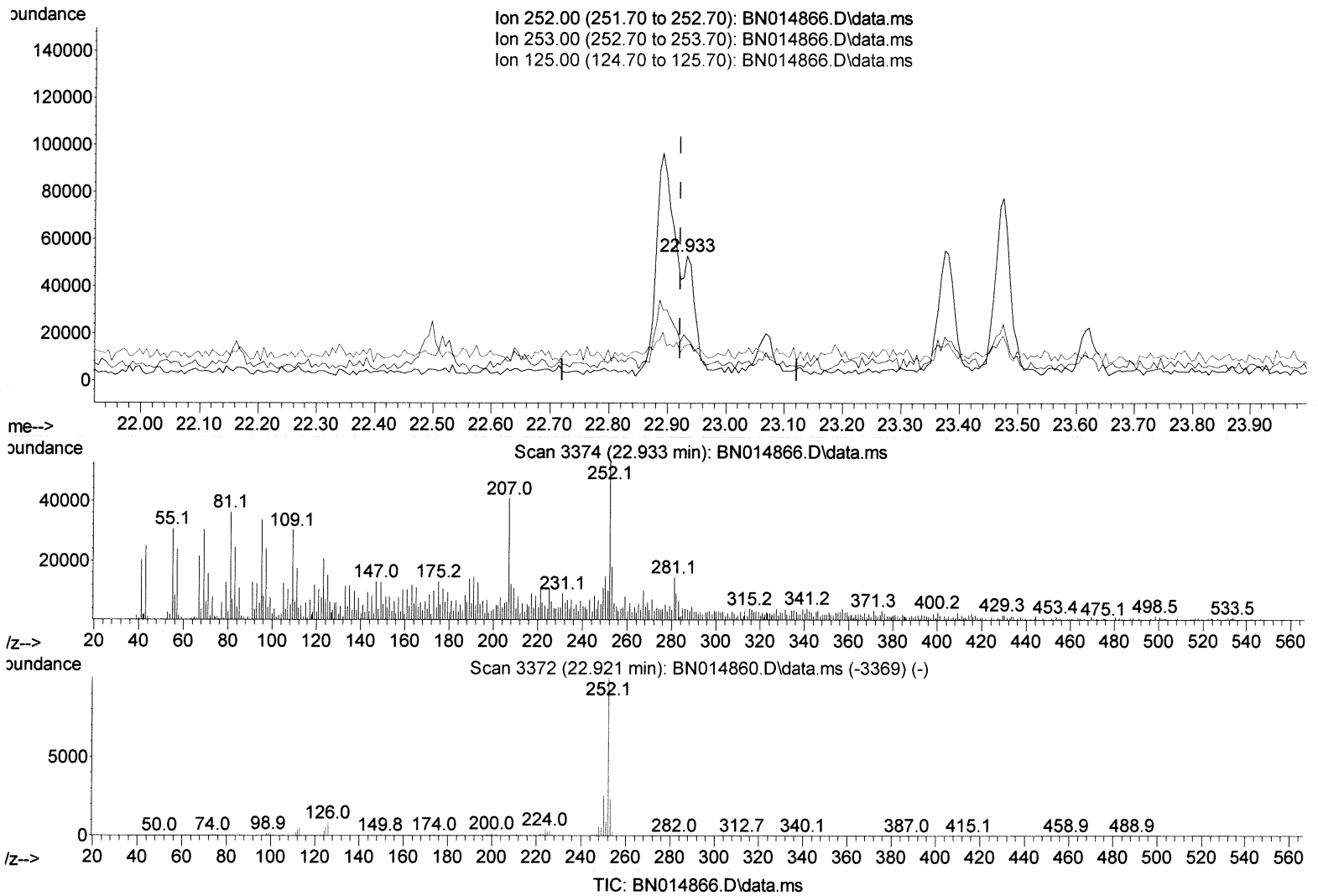
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 Operator : CG/JU
 Sample : M2618-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG5S6

Manual Integrations
 APPROVED

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.933min (+ 0.012) 1.21 ng/ul mJL 6/14/21

response 78131

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	33.85#
125.00	6.00	28.64#
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	164181	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	656522	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.351	164	469929	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1026303	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	956102	20.000	ng/ul	0.01
88) Perylene-d12	23.568	264	1079481	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	15716m	3.898	ng/ul	0.00 > J4 6/14/21
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.875	99	306228	19.048	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	142994	17.888	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	234676	23.571	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	233249	18.661	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	113035	22.856	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	126340	23.767	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.110	165	243860	20.120	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	276419	19.345	ng/ul	0.01
46) Dimethylphthalate-d6	13.763	166	790571	21.175	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	947447	21.946	ng/ul	0.01
54) 4-Nitrophenol-d4	14.563	143	83453	14.071	ng/ul	0.01
60) Fluorene-d10	15.351	176	702937	21.851	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	21367	3.806	ng/ul	0.01
73) Anthracene-d10	17.204	188	1113725	23.230	ng/ul	0.00
81) Pyrene-d10	19.510	212	1245454	27.627	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.427	264	1383637	24.063	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.145	178	174142	3.247	ng/ul	98
80) Fluoranthene	19.174	202	392387	7.381	ng/ul	98
82) Pyrene	19.539	202	341813	6.253	ng/ul	98
85) Benzo(a)anthracene	21.292	228	174427	2.927	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.233	149	170156	6.427	ng/ul	97
87) Chrysene	21.345	228	177449m	2.957	ng/ul >	J4 6/14/21
90) Benzo(b)fluoranthene	22.892	252	214134	3.305	ng/ul#	71
91) Benzo(k)fluoranthene	22.933	252	78131m	1.210	ng/ul >	J4 6/14/21
93) Benzo(a)pyrene	23.474	252	130142	2.220	ng/ul#	76
94) Indeno(1,2,3-cd)pyrene	25.839	276	83109	1.035	ng/ul#	85

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