

Instrument :
BNA_M
ClientSampleId :
SSTD005015

mohammad
8/30/2021 10:35:10 AM

Abundance



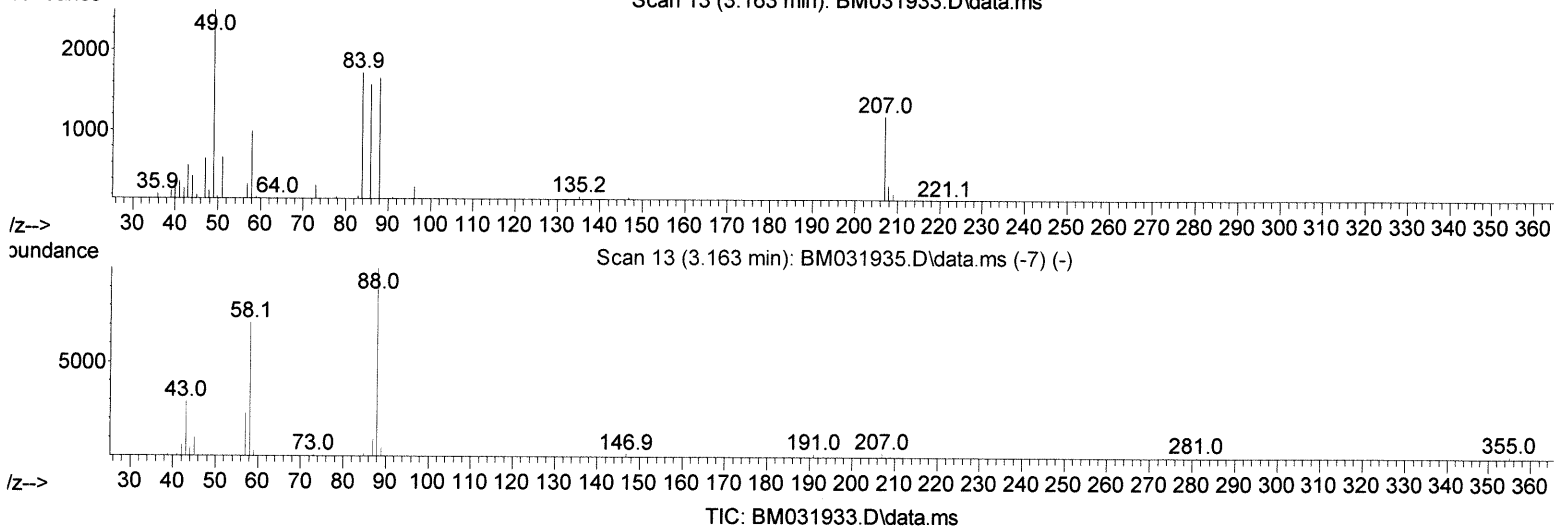
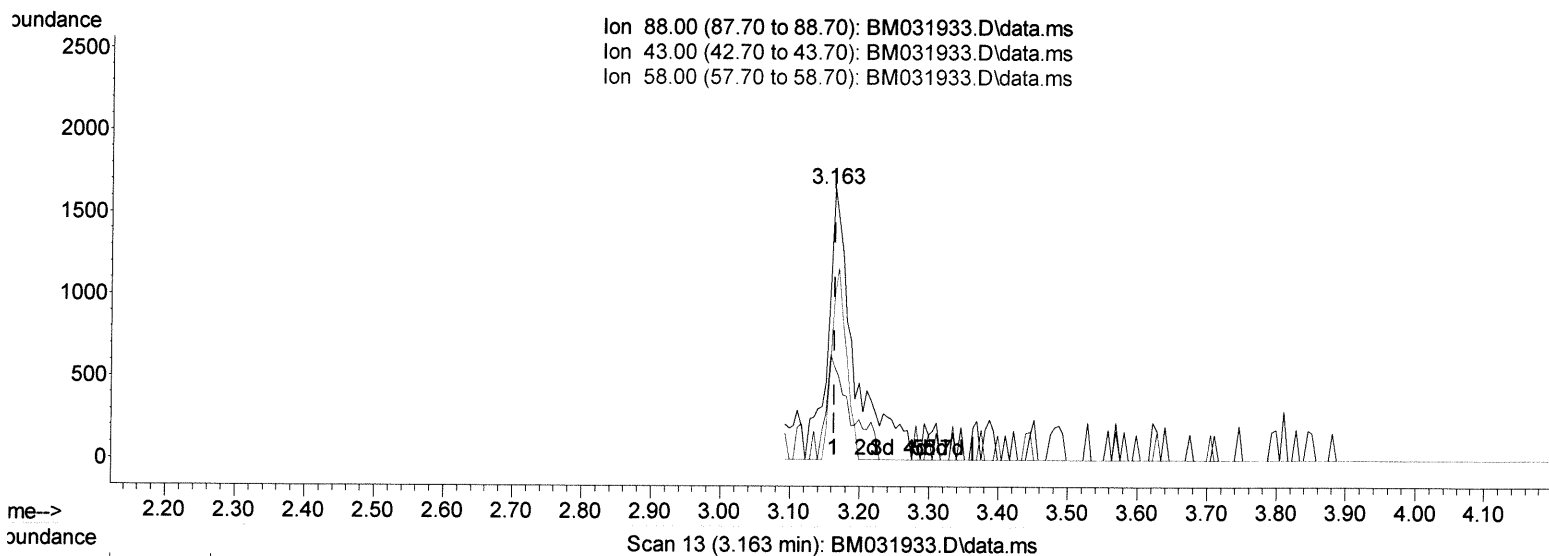
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
 Data File : BM031933.D
 Acq On : 28 Aug 2021 15:36
 Operator : CG/JU
 Sample : SST00518
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations
 APPROVED

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(2) 1,4-Dioxane

3.163min (-0.000) 2.06 ng/uL

response 3434

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	39.40	34.30
58.00	80.10	59.83#
0.00	0.00	0.00

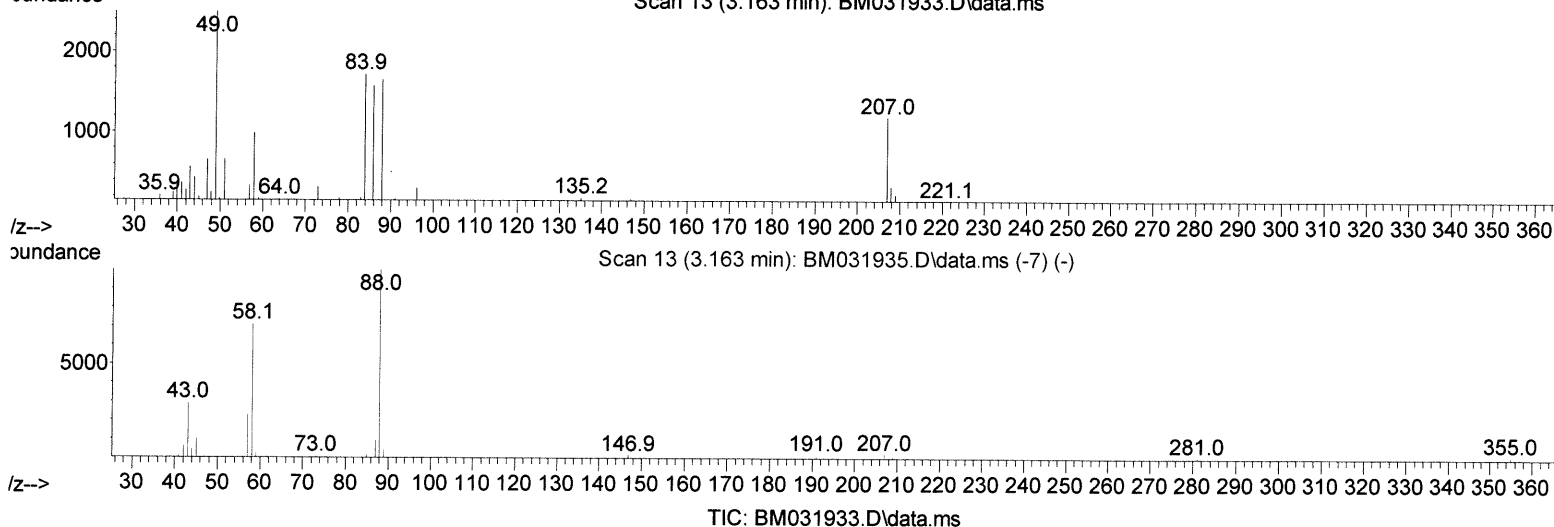
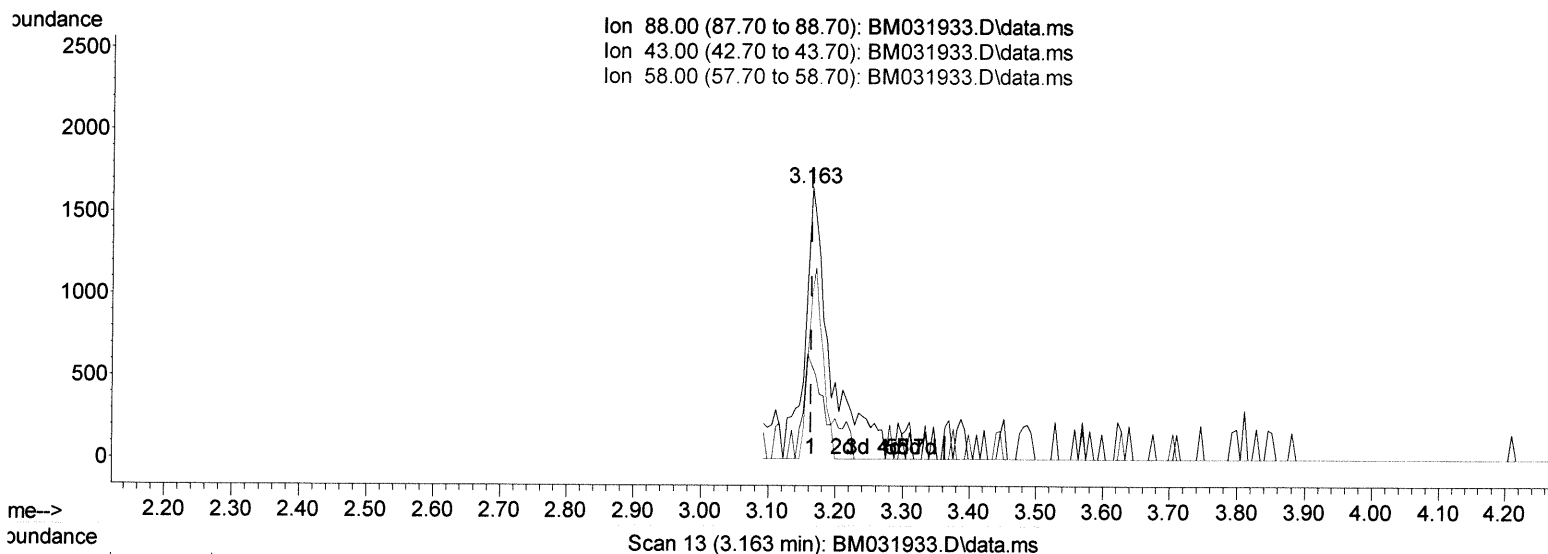
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(2) 1,4-Dioxane

3.163min (-0.000) 2.65 ng/uL m

response 4428

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	39.40	34.30
58.00	80.10	59.83#
0.00	0.00	0.00

34 8/31/21

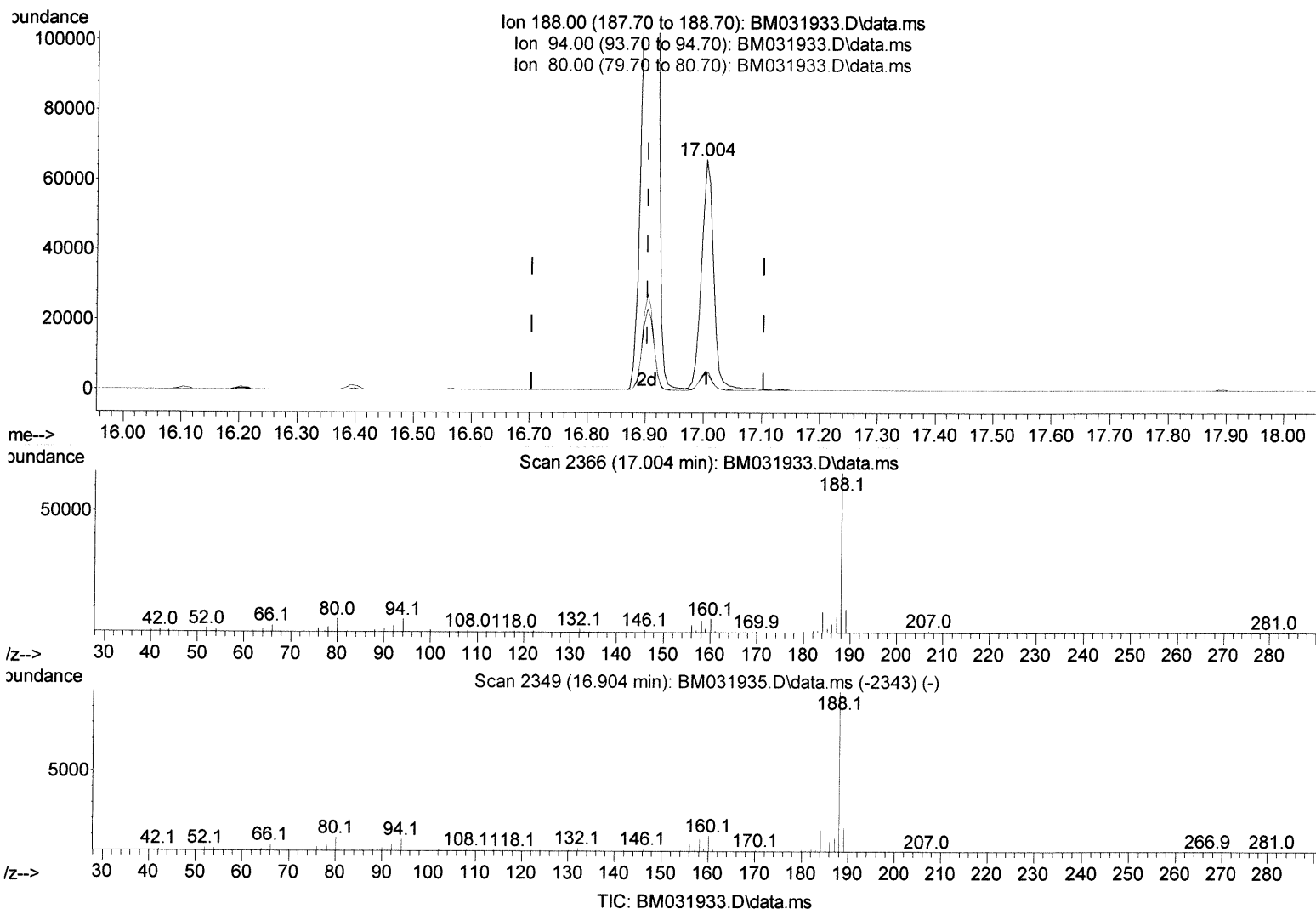
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(64) Phenanthrene-d10 (I)

17.004min (+ 0.100) 20.00 ng/ul

response 93215

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.60	8.24
80.00	10.20	8.30
0.00	0.00	0.00

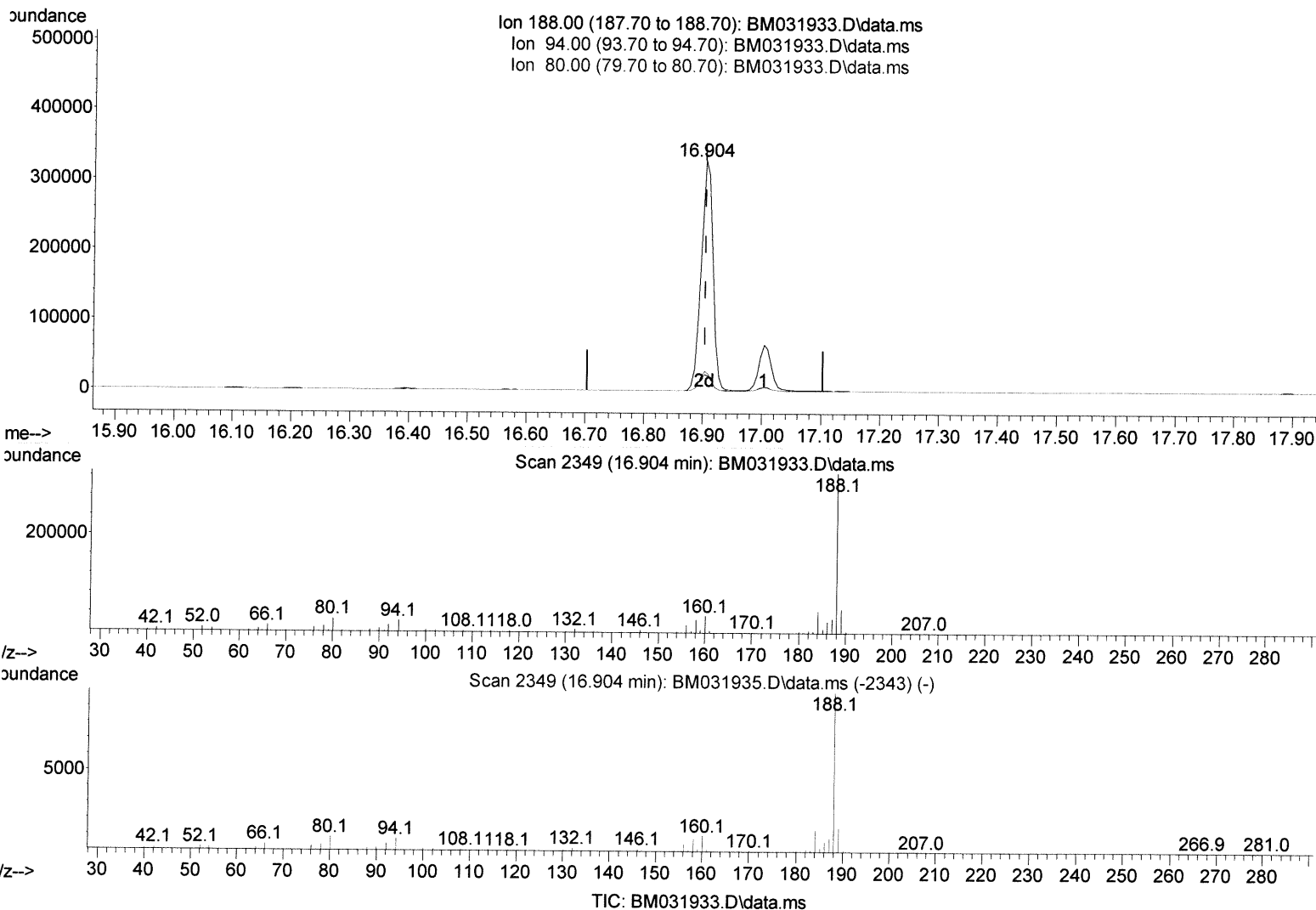
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(64) Phenanthrene-d10 (I)

16.904min (-0.000) 20.00 ng/ul m

response 455411

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.60	7.07#
80.00	10.20	8.32
0.00	0.00	0.00

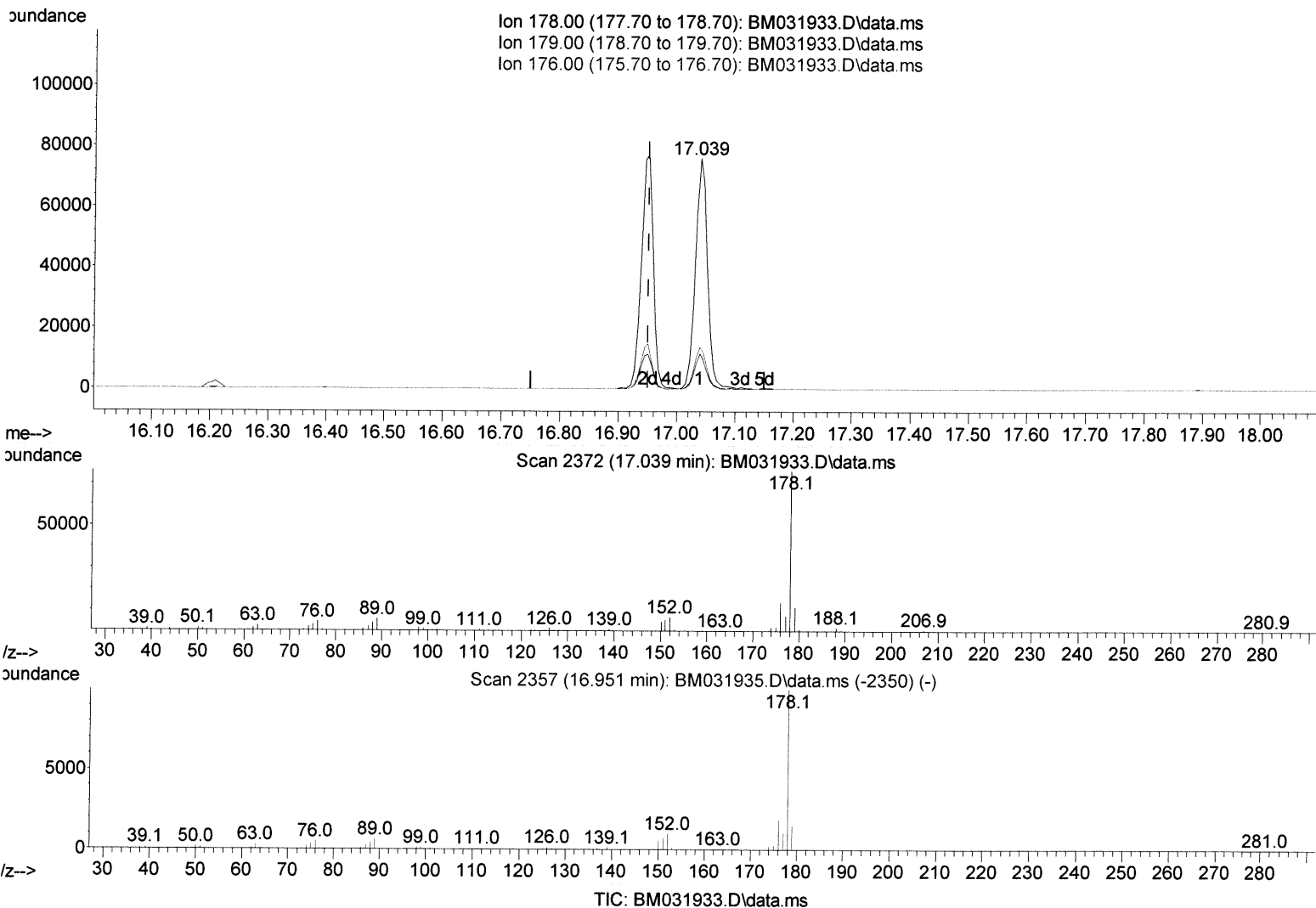
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(72) Phenanthrene

17.039min (+ 0.088) 4.51 ng/ul

response 109509

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	15.15
176.00	19.00	18.02
0.00	0.00	0.00

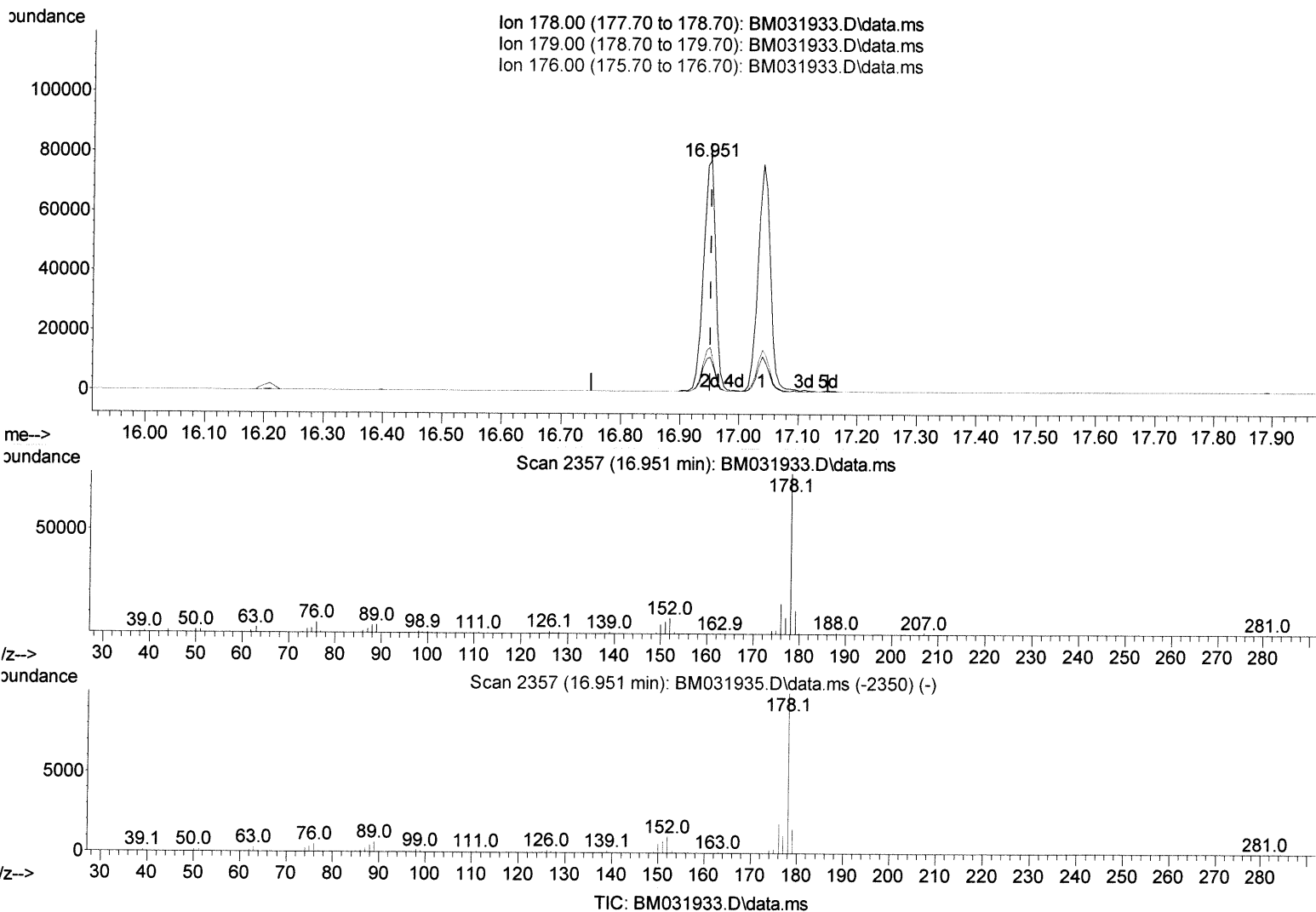
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(72) Phenanthrene

16.951min (-0.000) 4.49 ng/ul m

response 109091

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	14.73
176.00	19.00	19.04
0.00	0.00	0.00

ju 8/31/21

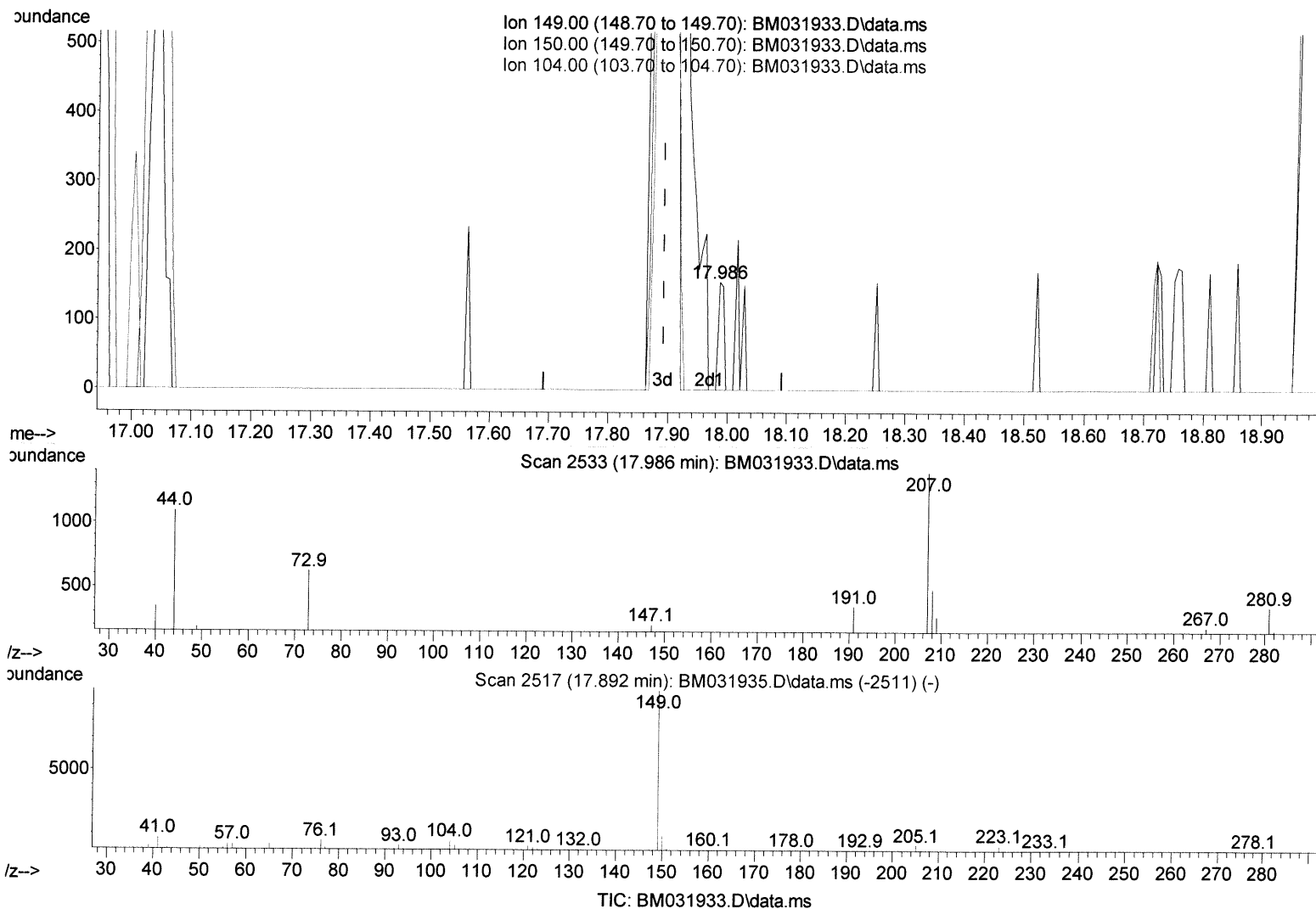
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(78) Di-n-butylphthalate

17.986min (+ 0.094) 0.00 ng/ul

response 108

Ion	Exp%	Act%
149.00	100.00	100.00
150.00	9.10	0.00#
104.00	5.10	0.00#
0.00	0.00	0.00

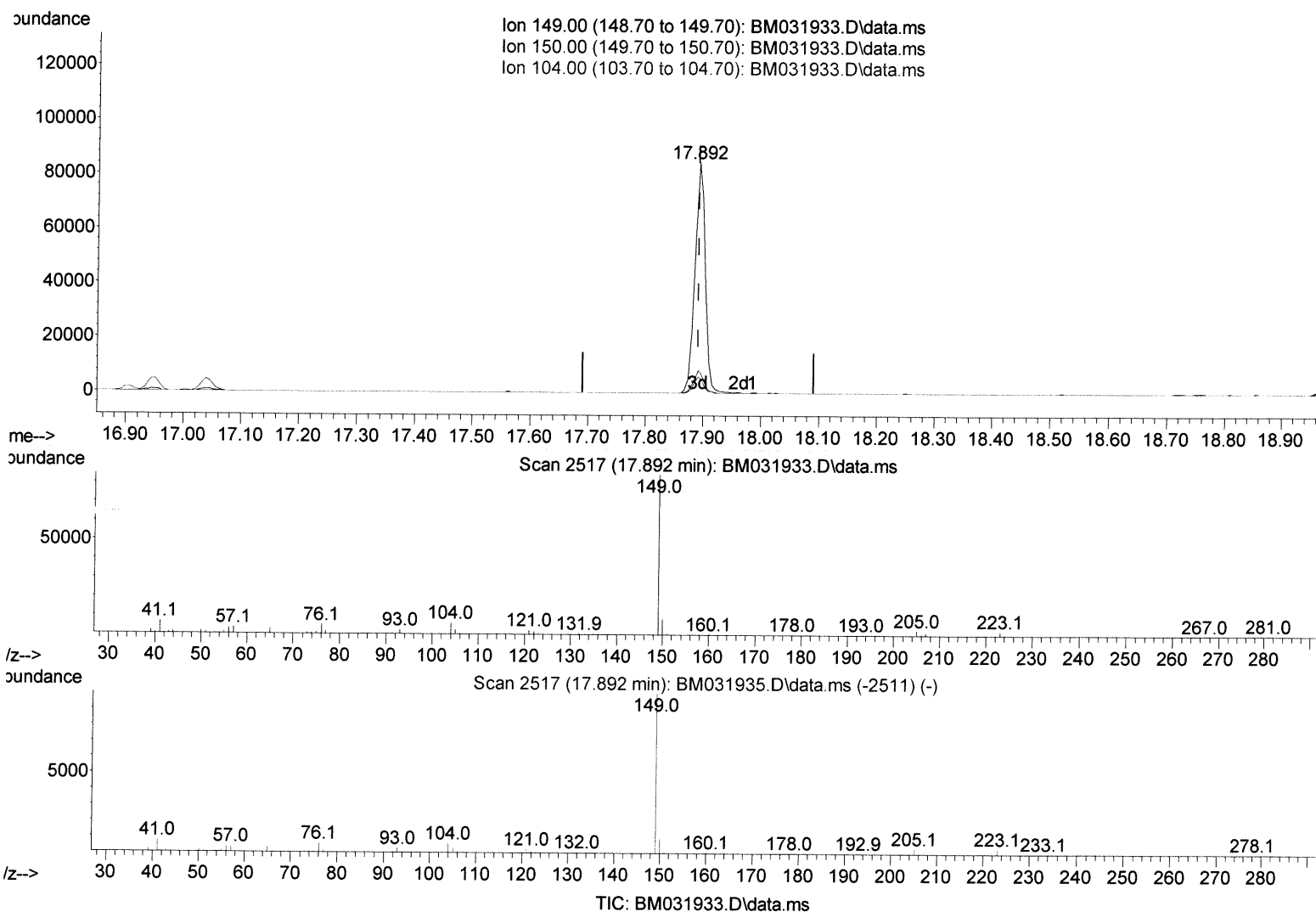
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(78) Di-n-butylphthalate

17.892min (-0.000) 4.15 ng/ul m

response 103915

Ion	Exp%	Act%
149.00	100.00	100.00
150.00	9.10	9.87
104.00	5.10	7.06#
0.00	0.00	0.00

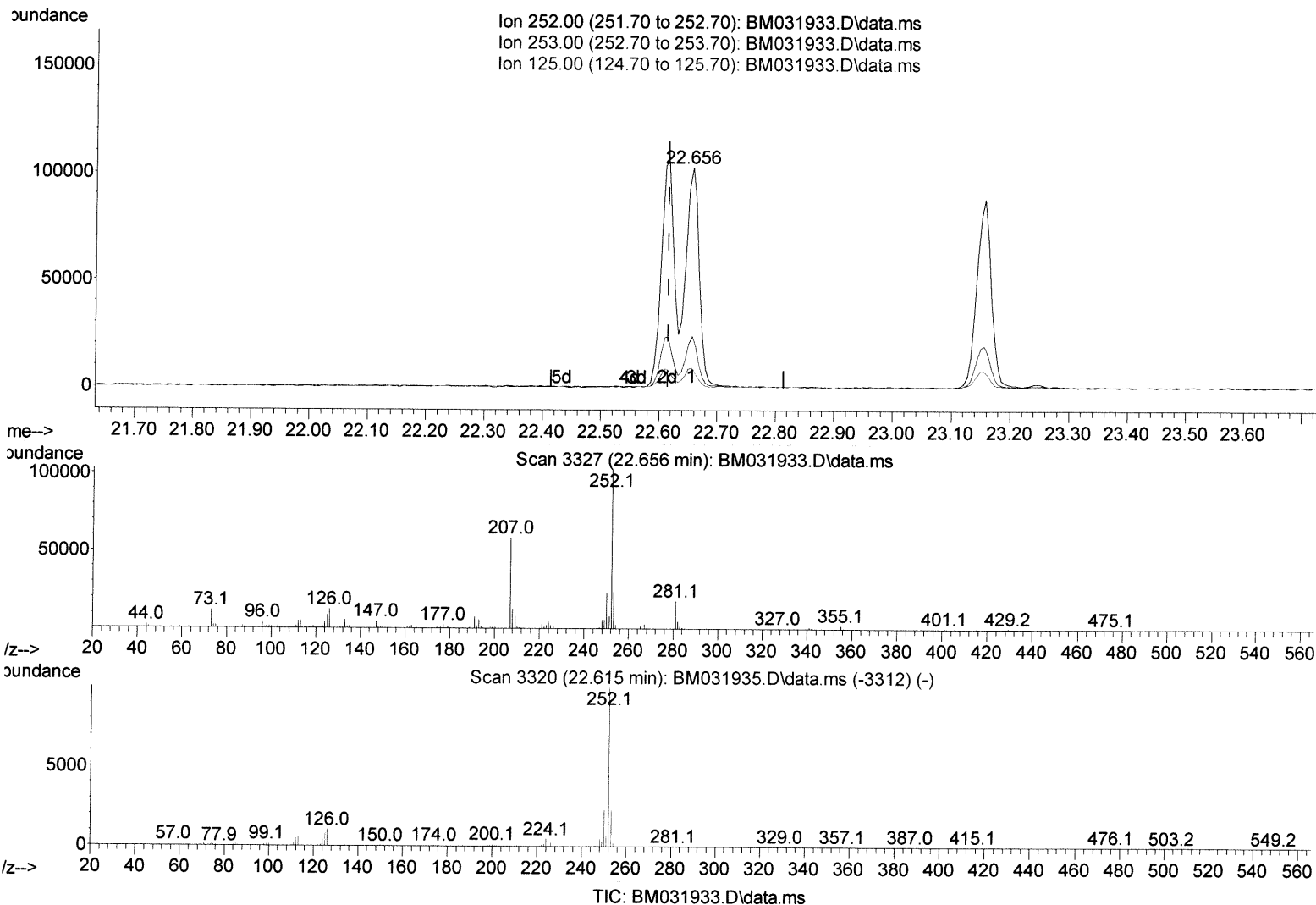
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(90) Benzo(b)fluoranthene

22.656min (+ 0.041) 4.15 ng/ul

response 162765

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	23.33
125.00	9.60	8.69
0.00	0.00	0.00

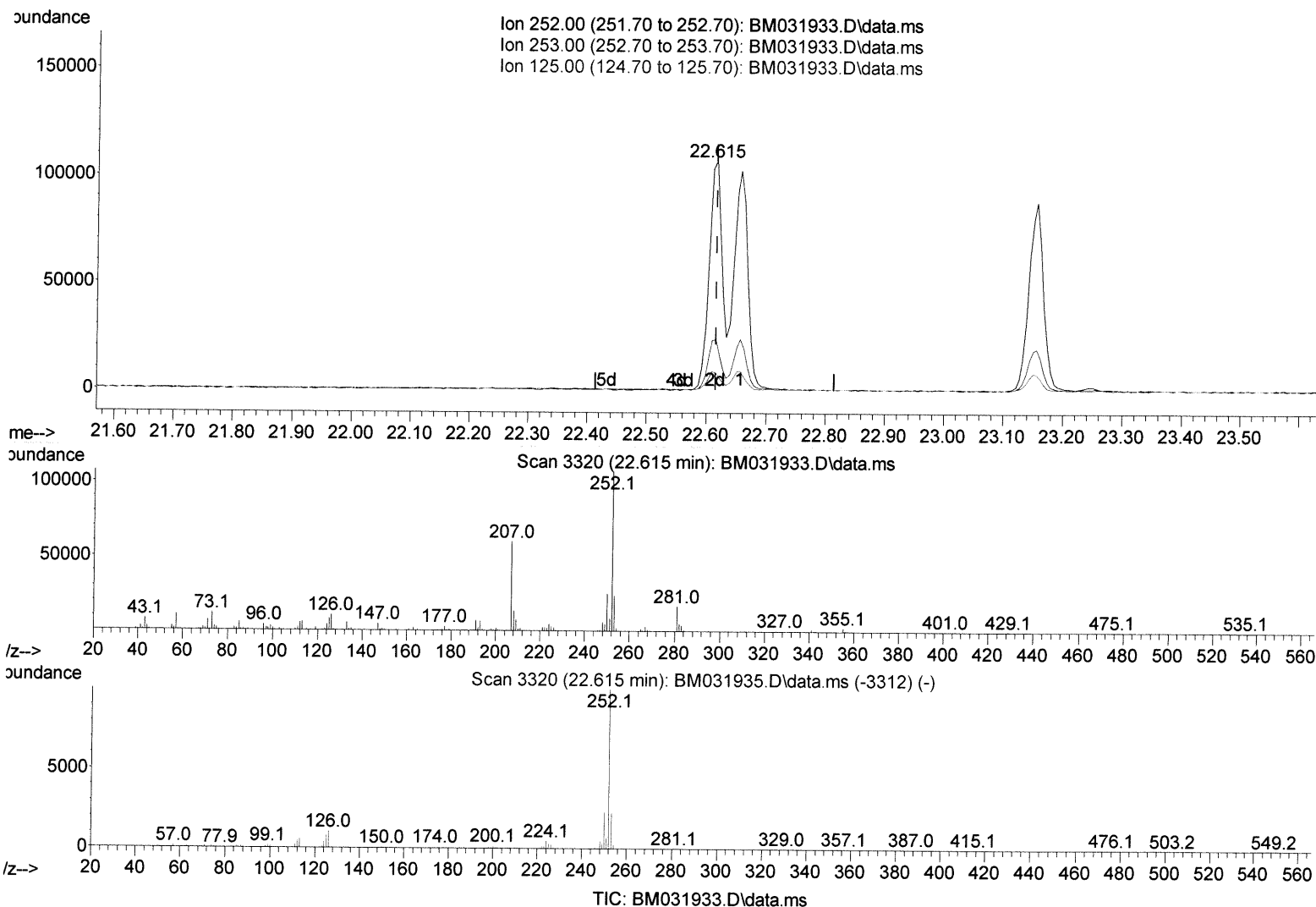
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(90) Benzo(b)fluoranthene

22.615min (-0.000) 4.17 ng/ul m

response 163718

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.14
125.00	9.60	7.58#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	63230	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	262353	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	200145	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	455411m	20.000	ng/ul	> 0.00
79) Chrysene-d12	21.109	240	537061	20.000	ng/ul	# 0.00
88) Perylene-d12	23.244	264	609431	20.000	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	2679	1.656	ng/uL	0.00
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	7.051	132	16093	3.797	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.663	128	7470	3.828	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	8782	4.113	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	18403	4.479	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.574	166	64491	4.603	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	73111	4.131	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.151	176	57879	4.691	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.004	188	92690	4.368	ng/ul	0.00
81) Pyrene-d10	19.309	212	106971	3.611	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.109	264	133840	4.255	ng/ul	0.00

Target Compounds						
2) 1,4-Dioxane	3.163	88	4428m	2.654	ng/uL	Qvalue
12) 2-Chlorophenol	7.081	128	16443	3.872	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.316	70	14032	4.054	ng/ul	91
19) Hexachloroethane	8.563	117	7279	4.074	ng/ul	93
22) Nitrobenzene	8.704	77	21275	4.240	ng/ul	96
23) Isophorone	9.228	82	35827	4.092	ng/ul#	96
25) 2-Nitrophenol	9.404	139	9074	3.964	ng/ul#	88
26) 2,4-Dimethylphenol	9.475	107	20011	4.215	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.710	93	22003	3.971	ng/ul	93
29) 2,4-Dichlorophenol	9.933	162	17615	4.420	ng/ul	97
30) Naphthalene	10.316	128	58340	4.422	ng/ul	97
33) Hexachlorobutadiene	10.592	225	12718	4.695	ng/ul	97
35) 4-Chloro-3-methylphenol	11.580	107	17582	4.353	ng/ul	98
36) 2-Methylnaphthalene	11.939	142	44531	4.734	ng/ul	99
37) 1-Methylnaphthalene	12.163	142	45826	4.806	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.316	216	24405	4.020	ng/ul#	91
41) 2,4,6-Trichlorophenol	12.574	196	15428	4.028	ng/ul	97
42) 2,4,5-Trichlorophenol	12.651	196	16109	3.968	ng/ul	99
43) 1,1'-Biphenyl	12.974	154	61631	4.226	ng/ul#	98
44) 2-Chloronaphthalene	13.016	162	48907	4.285	ng/ul	95
45) 2-Nitroaniline	13.245	65	11665	3.637	ng/ul	97
47) Dimethylphthalate	13.621	163	65683	4.785	ng/ul	98
48) 2,6-Dinitrotoluene	13.751	165	10936	4.136	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	13.868	152	68234	4.127	ng/ul	99
52) Acenaphthene	14.215	153	51781	4.293	ng/ul	97
56) Dibenzofuran	14.557	168	77661	4.572	ng/ul	100
57) 2,4-Dinitrotoluene	14.551	165	16439	4.460	ng/ul#	63
58) 2,3,4,6-Tetrachlorophenol	14.792	232	14556	4.312	ng/ul#	90
59) Diethylphthalate	15.004	149	63378	4.652	ng/ul	96
61) Fluorene	15.210	166	63268	4.522	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.210	204	33664	4.781	ng/ul	98
67) N-Nitrosodiphenylamine	15.433	169	54186	3.991	ng/ul	94
68) 4-Bromophenyl-phenylether	16.104	248	19646	4.096	ng/ul	94
69) Hexachlorobenzene	16.209	284	24083	4.424	ng/ul	98
72) Phenanthrene	16.951	178	109091m	4.489	ng/ul	99
74) Anthracene	17.039	178	109509	4.386	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.933	216	25264	3.578	ng/ul	99
76) Pentachlorobenzene	14.468	250	26658	3.859	ng/ul	97
78) Di-n-butylphthalate	17.892	149	103915m	4.154	ng/ul	93
80) Fluoranthene	18.974	202	129328	3.541	ng/ul#	94
82) Pyrene	19.339	202	140752	3.718	ng/ul#	100
83) Butylbenzylphthalate	20.262	149	45963	4.351	ng/ul	98
85) Benzo(a)anthracene	21.092	228	146116	3.802	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	21.044	149	72520	4.261	ng/ul	98
87) Chrysene	21.144	228	140767	4.170	ng/ul	97
90) Benzo(b)fluoranthene	22.615	252	163718m	4.266	ng/ul	98
91) Benzo(k)fluoranthene	22.656	252	162765	4.371	ng/ul	93
93) Benzo(a)pyrene	23.156	252	151851	4.631	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.350	276	200073	4.568	ng/ul#	95
95) Dibenzo(a,h)anthracene	25.362	278	165474	4.909	ng/ul#	95
96) Benzo(g,h,i)perylene	25.997	276	170058			

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