Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052521\
Data File : BN014719.D
Acq On : 24 May 2021 19:50
Operator : CG/JU
Sample : SSTD00556
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 25 01:47:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 25 01:17:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD005056

Manual Integrations APPROVED
mohammad
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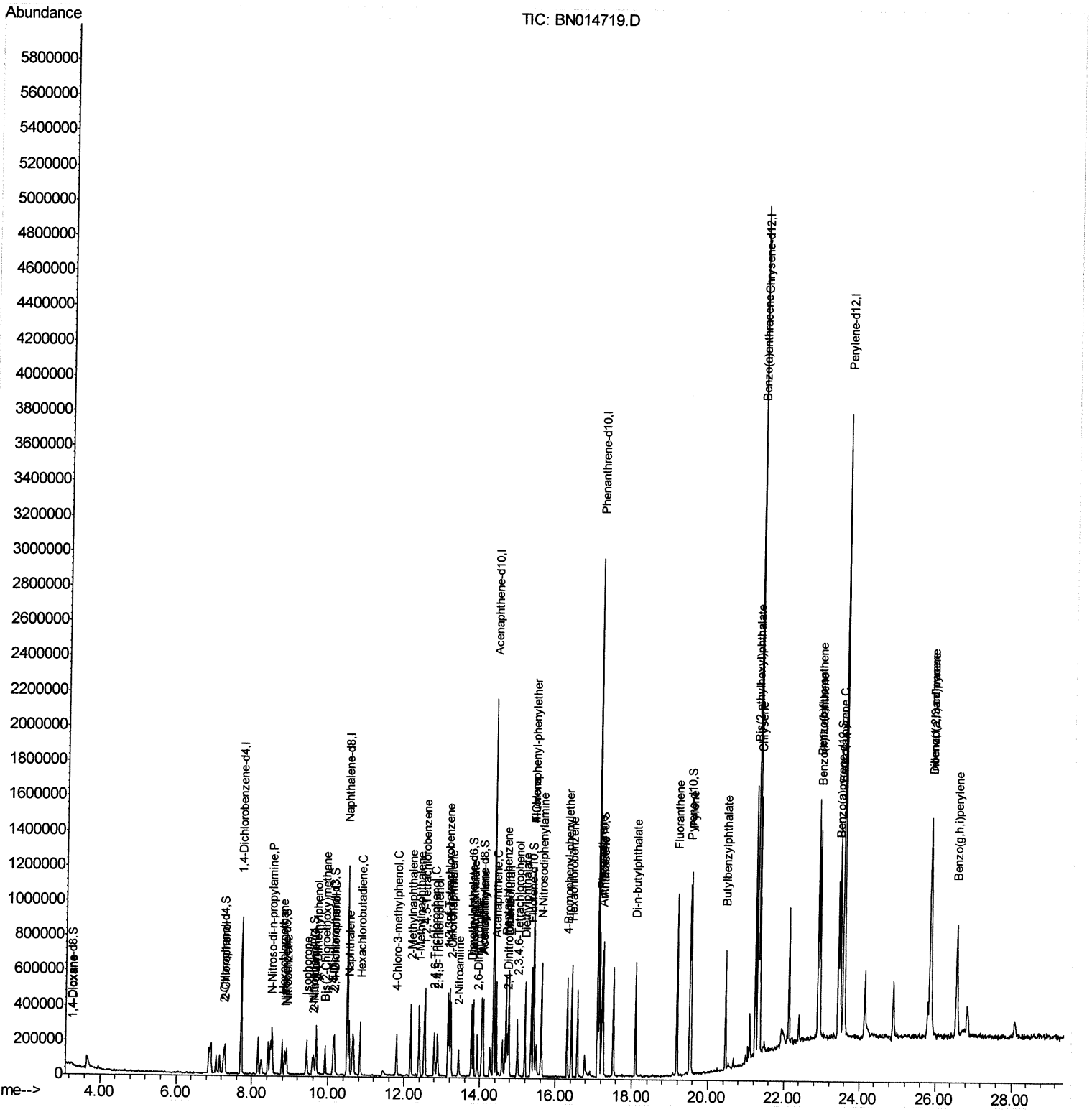

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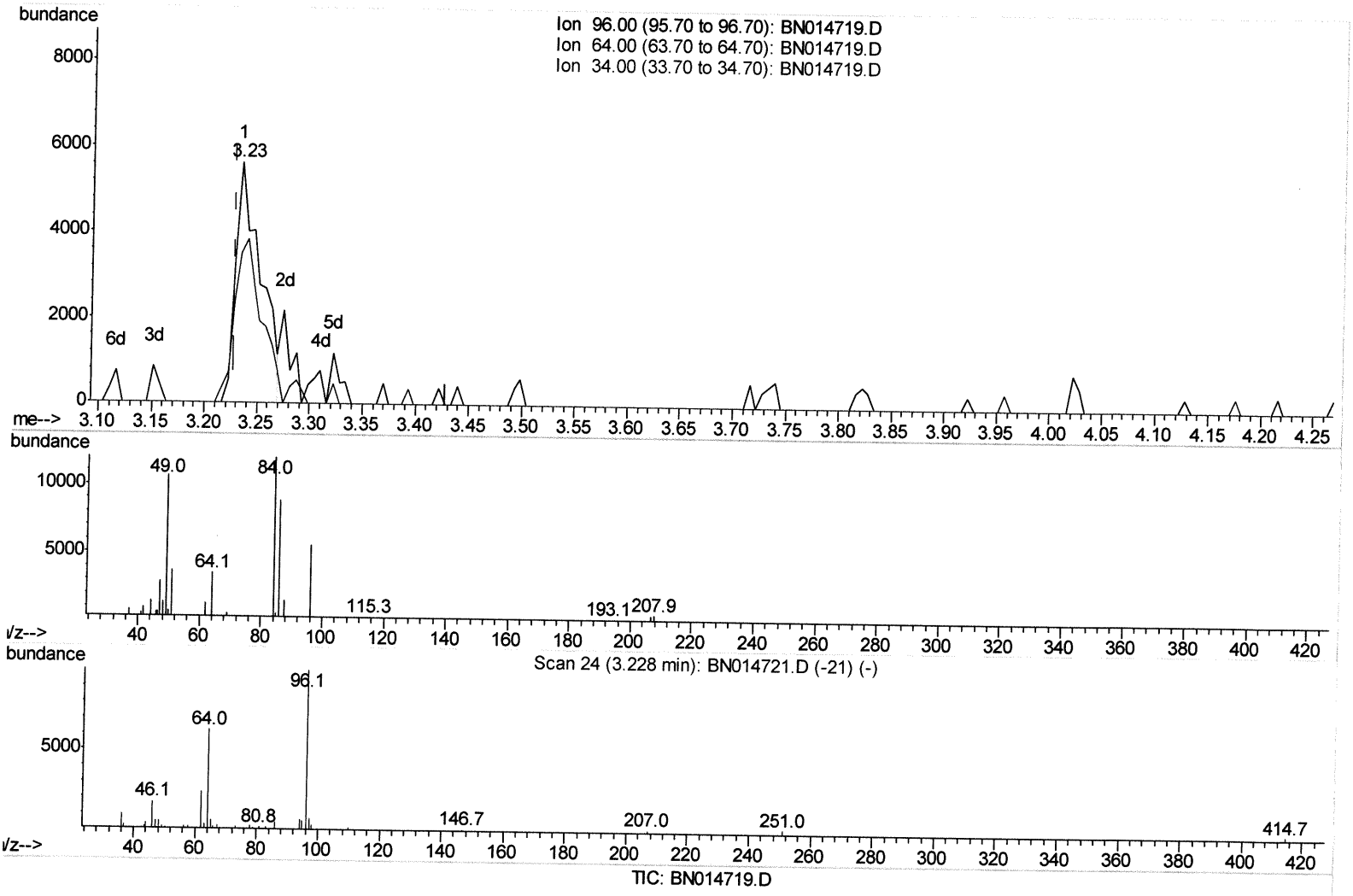

Scan 24 (3.228 min): BN014721.D (-21) (-)

TIC: BN014719.D

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

3.234min (+0.006) 1.55ng/uL

response 9220

Ion	Exp%	Act%
96.00	100	100
64.00	64.30	62.28
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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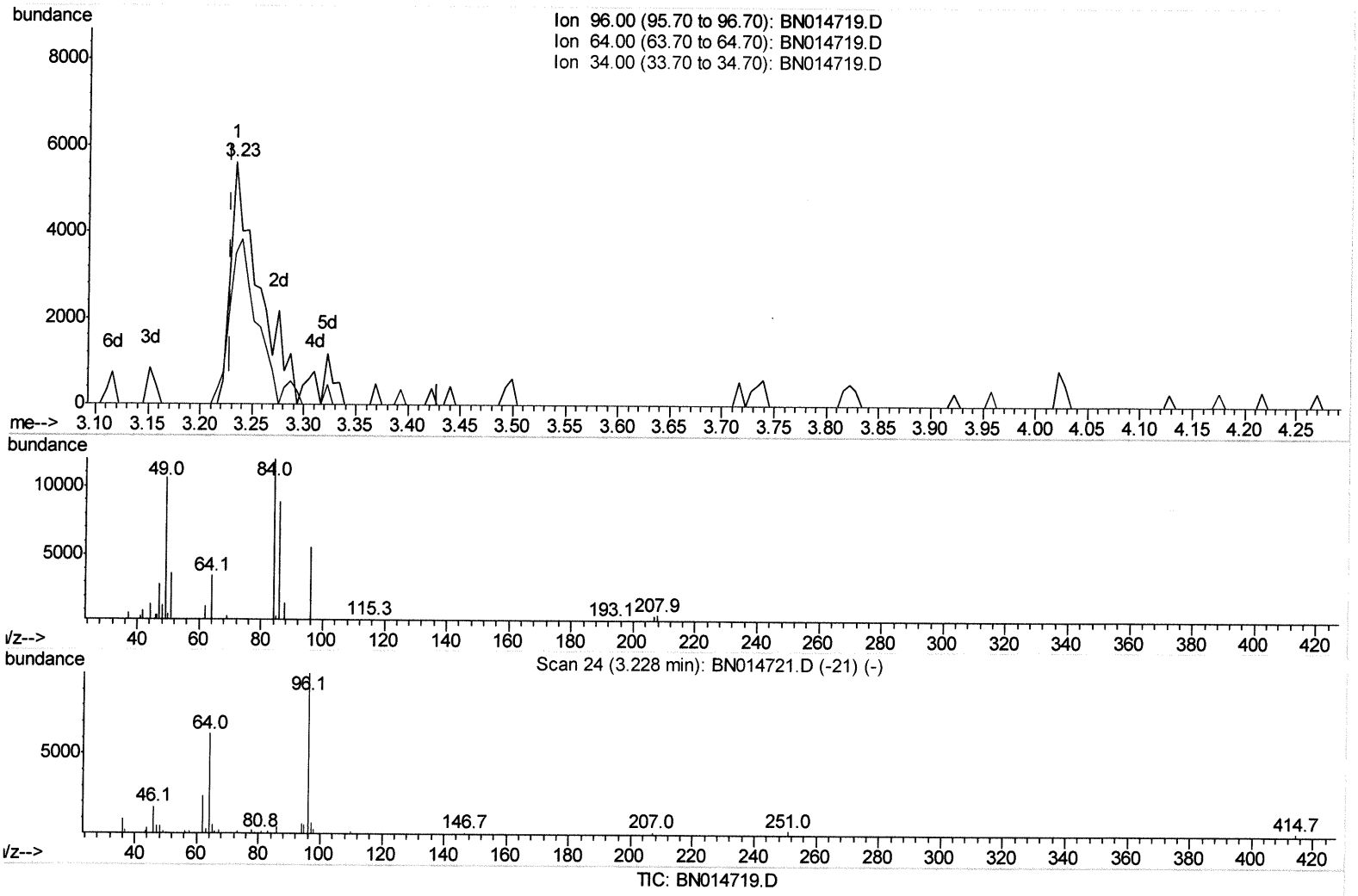

Scan 24 (3.228 min): BN014721.D (-21) (-)

TIC: BN014719.D

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

3.234min (+0.006) 1.80ng/uL m

response 10669 JU 5/27/21

Ion	Exp%	Act%
96.00	100	100
64.00	64.30	62.28
34.00	0.00	0.00
0.00	0.00	0.00

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Acq On : 24 May 2021 19:50
Operator : CG/JU
Sample : SSTD00556
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 25 01:19:39 2021
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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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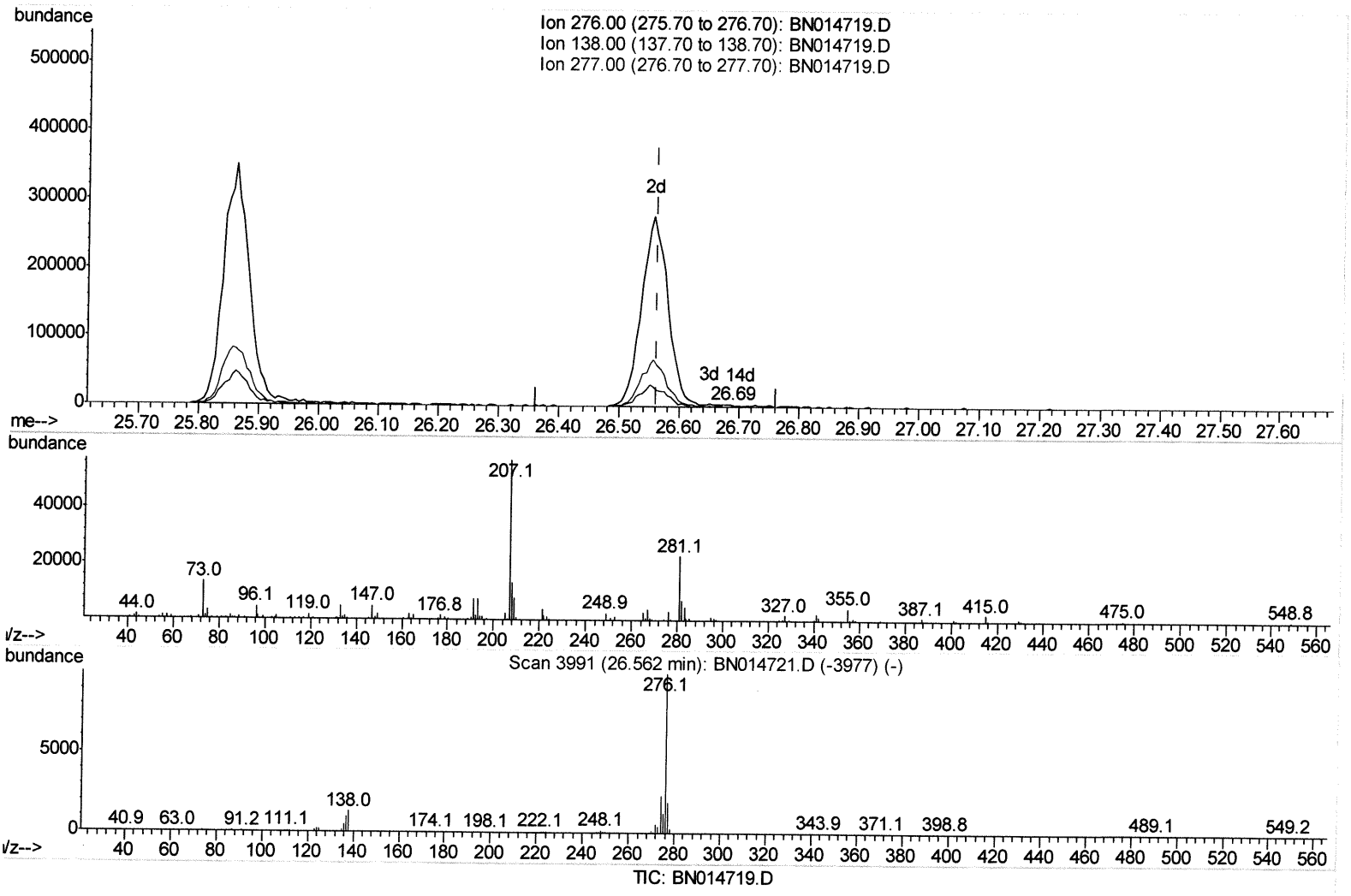

TIC: BN014719.D

(96) Benzo(g,h,i)perylene

26.686min (+0.123) 0.01ng/ul

response 1811

Ion	Exp%	Act%
276.00	100	100
138.00	12.80	12.63
277.00	19.60	17.11
0.00	0.00	0.00

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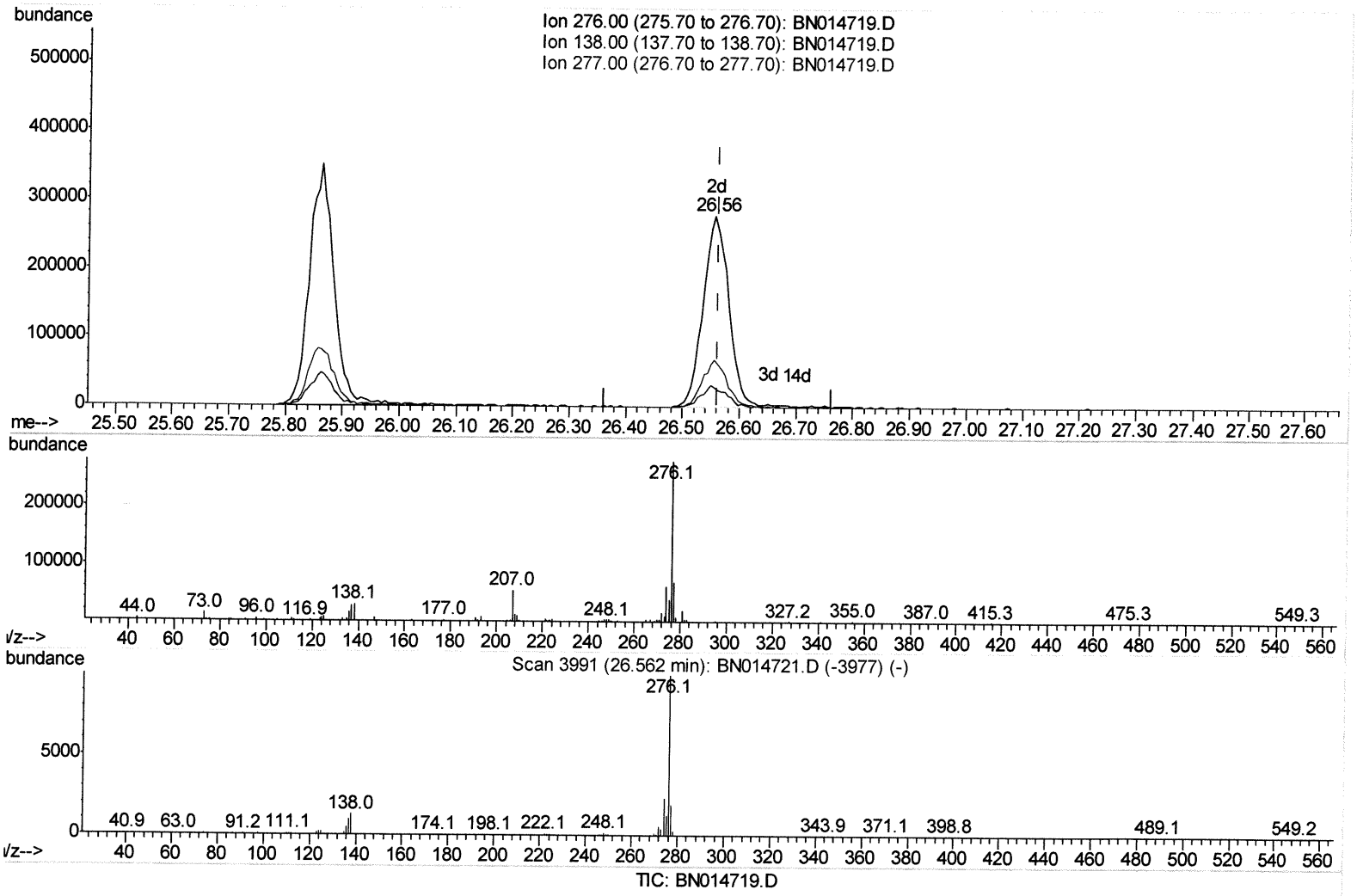

(96) Benzo(g,h,i)perylene

26.556min (-0.006) 4.94ng/ul m JU 5/27/21

response 853881

Ion	Exp%	Act%
276.00	100	100
138.00	12.80	10.38
277.00	19.60	24.91#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	226081	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	869059	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	690558	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1687912	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	2347628	20.00	ng/ul	0.00
88) Perylene-d12	23.58	264	2724305	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	10669m>	1.80	ng/uL	>0.00 >JU 5/27/21
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	0.00	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	7.25	132	58818	3.96	ng/ul	0.00
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	8.86	128	28229	4.49	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	29852	4.85	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.13	165	69655	5.26	ng/ul	0.01
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	13.77	166	253437	5.07	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	299721	4.98	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.36	176	238476	5.39	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	17.22	188	403378	5.12	ng/ul	0.00
81) Pyrene-d10	19.52	212	520525	4.57	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.43	264	708653	4.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	13651	2.256	ng/uL#	72
12) 2-Chlorophenol	7.28	128	65755	4.137	ng/ul#	86
17) N-Nitroso-di-n-propylamine	8.51	70	56924	5.084	ng/ul#	91
19) Hexachloroethane	8.79	117	34561	5.173	ng/ul#	88
22) Nitrobenzene	8.91	77	89225	5.371	ng/ul#	95
23) Isophorone	9.43	82	162514	5.817	ng/ul	96
25) 2-Nitrophenol	9.62	139	30707	4.226	ng/ul#	73
26) 2,4-Dimethylphenol	9.68	107	107639	6.654	ng/ul	94
27) Bis(2-Chloroethoxy)methane	9.92	93	105106	5.522	ng/ul	97
29) 2,4-Dichlorophenol	10.16	162	67393	4.957	ng/ul	90
30) Naphthalene	10.55	128	232977	4.837	ng/ul	96
33) Hexachlorobutadiene	10.84	225	70633	7.957	ng/ul	98
35) 4-Chloro-3-methylphenol	11.80	107	98760	7.349	ng/ul	99
36) 2-Methylnaphthalene	12.17	142	174679	5.322	ng/ul	92
37) 1-Methylnaphthalene	12.39	142	160604	4.914	ng/ul#	84
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	134532	5.756	ng/ul#	85
41) 2,4,6-Trichlorophenol	12.79	196	62215	4.605	ng/ul	84
42) 2,4,5-Trichlorophenol	12.87	196	68111	4.543	ng/ul	99
43) 1,1'-Biphenyl	13.19	154	246033	4.332	ng/ul	98
44) 2-Chloronaphthalene	13.23	162	193867	4.367	ng/ul	97
45) 2-Nitroaniline	13.43	65	42806	4.159	ng/ul	87
47) Dimethylphthalate	13.82	163	258688	4.981	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2,6-Dinitrotoluene	13.93	165	36964	4.058	ng/ul#	95
50) Acenaphthylene	14.08	152	272872	4.261	ng/ul	99
52) Acenaphthene	14.43	153	211552	4.529	ng/ul	93
56) Dibenzofuran	14.76	168	319830	4.920	ng/ul	92
57) 2,4-Dinitrotoluene	14.73	165	61402	4.667	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.00	232	69490	5.892	ng/ul	94
59) Diethylphthalate	15.19	149	243183	4.578	ng/ul	96
61) Fluorene	15.42	166	251499	4.773	ng/ul	90
62) 4-Chlorophenyl-phenylether	15.42	204	153061	5.899	ng/ul	98
67) N-Nitrosodiphenylamine	15.63	169	230117	4.382	ng/ul	93
68) 4-Bromophenyl-phenylether	16.31	248	112221	6.284	ng/ul	95
69) Hexachlorobenzene	16.42	284	142414	6.681	ng/ul	95
72) Phenanthrene	17.16	178	451301	4.579	ng/ul	98
74) Anthracene	17.25	178	461896	4.614	ng/ul	96
75) 1,2,3,4-Tetrachlorobenzene	13.16	216	138210	4.972	ng/uL	96
76) Pentachlorobenzene	14.69	250	147132	5.326	ng/uL	95
78) Di-n-butylphthalate	18.09	149	401130	4.094	ng/ul	98
80) Fluoranthene	19.18	202	615845	4.277	ng/ul	99
82) Pyrene	19.54	202	660477	4.307	ng/ul	99
83) Butylbenzylphthalate	20.46	149	174055	3.457	ng/ul	97
85) Benzo(a)anthracene	21.30	228	724115	4.774	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.24	149	304434	3.710	ng/ul#	97
87) Chrysene	21.35	228	775603	5.275	ng/ul	98
90) Benzo(b)fluoranthene	22.90	252	807340	4.430	ng/ul	95
91) Benzo(k)fluoranthene	22.94	252	855094	4.713	ng/ul	98
93) Benzo(a)pyrene	23.48	252	740501	4.592	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.86	276	1030833	4.823	ng/ul	98
95) Dibenzo(a,h)anthracene	25.87	278	886357	5.024	ng/ul	97
96) Benzo(g,h,i)perylene	26.56	276	853881m>	4.944	ng/ul>	

JU 5/27/21

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