Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049889.D
Acq On : 19 Aug 2021 9:09
Operator : CG/JU
Sample : SSTD00522
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 11:59:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 19 11:48:04 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005422

Manual Integrations APPROVED
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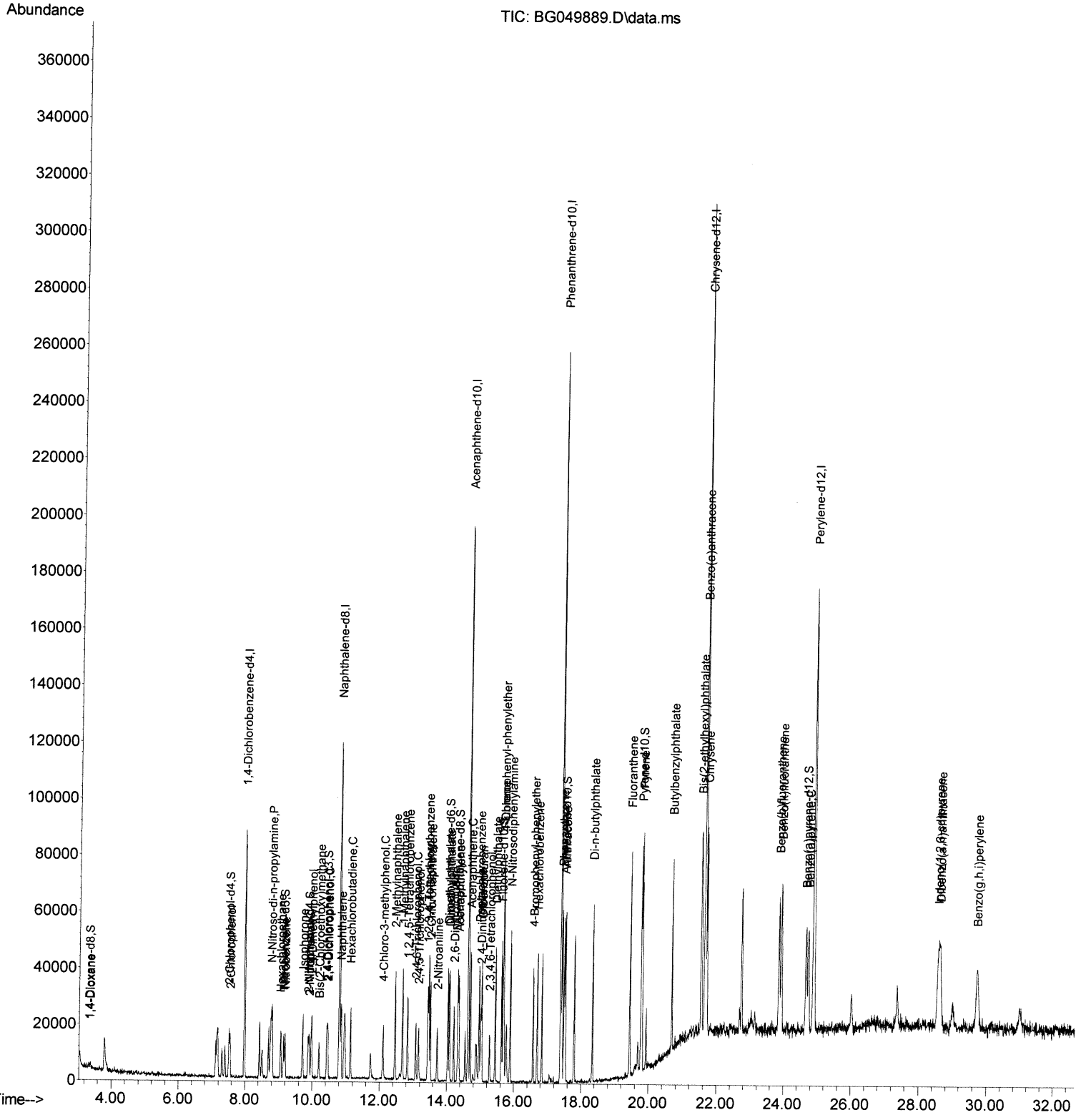

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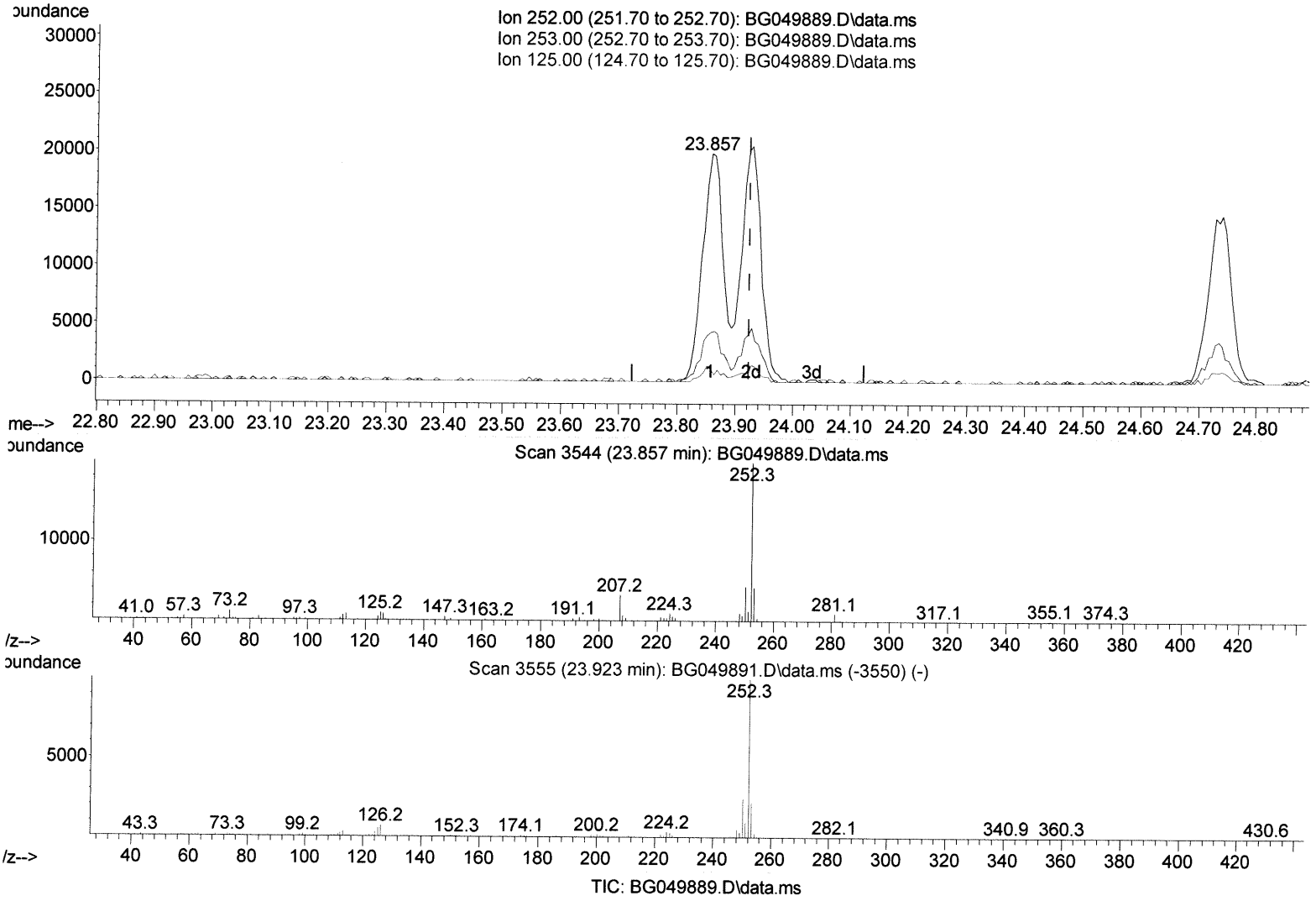

(91) Benzo(k)fluoranthene

23.857min (-0.066) 4.93 ng/ul

response 49107

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.57
125.00	5.10	5.42
0.00	0.00	0.00

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mohammad
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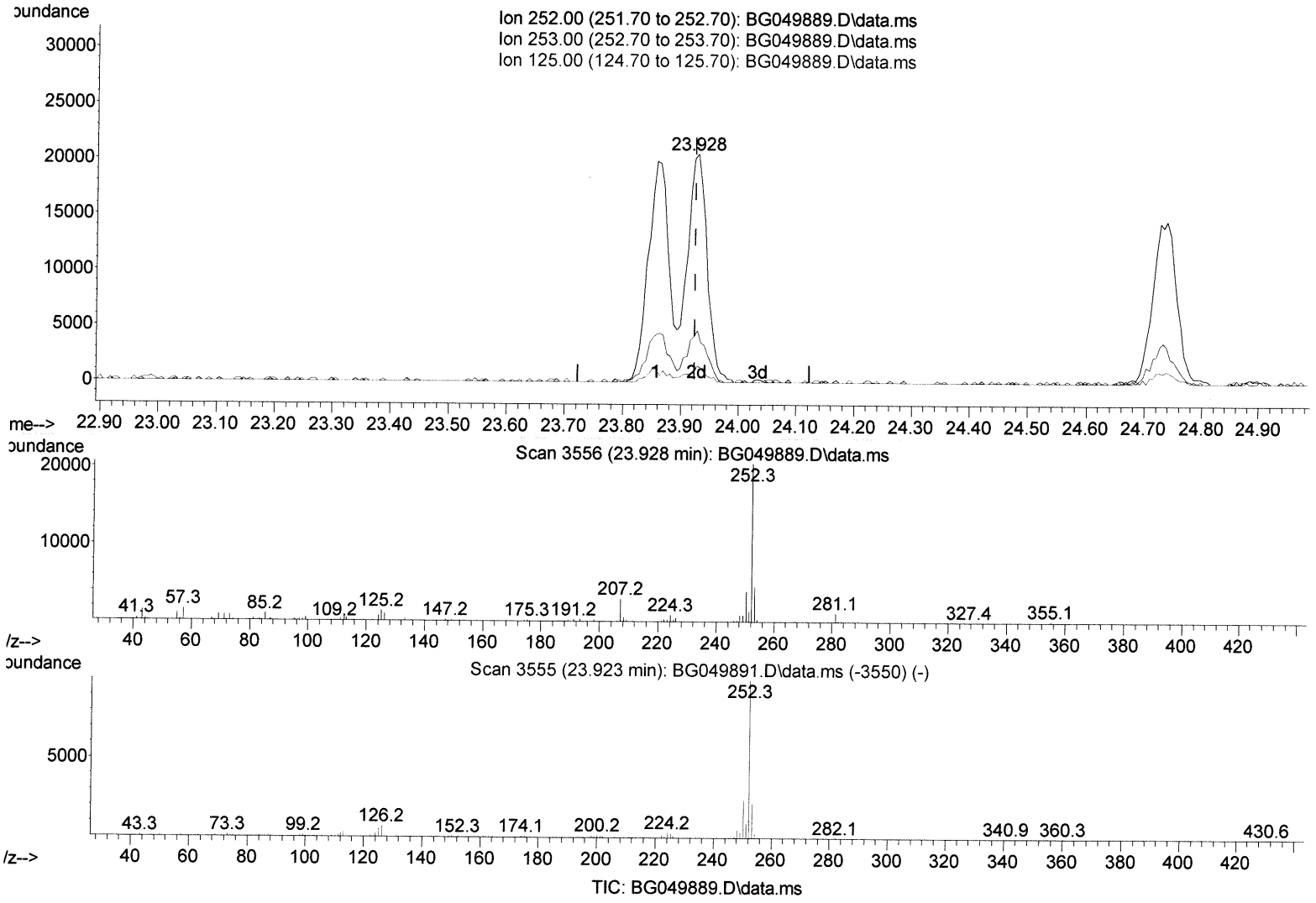

(91) Benzo(k)fluoranthene

23.928min (+ 0.004) 4.82 ng/ul m

response 48021

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.62
125.00	5.10	7.08#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
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Sample : SSTD00522
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 11:59:28 2021
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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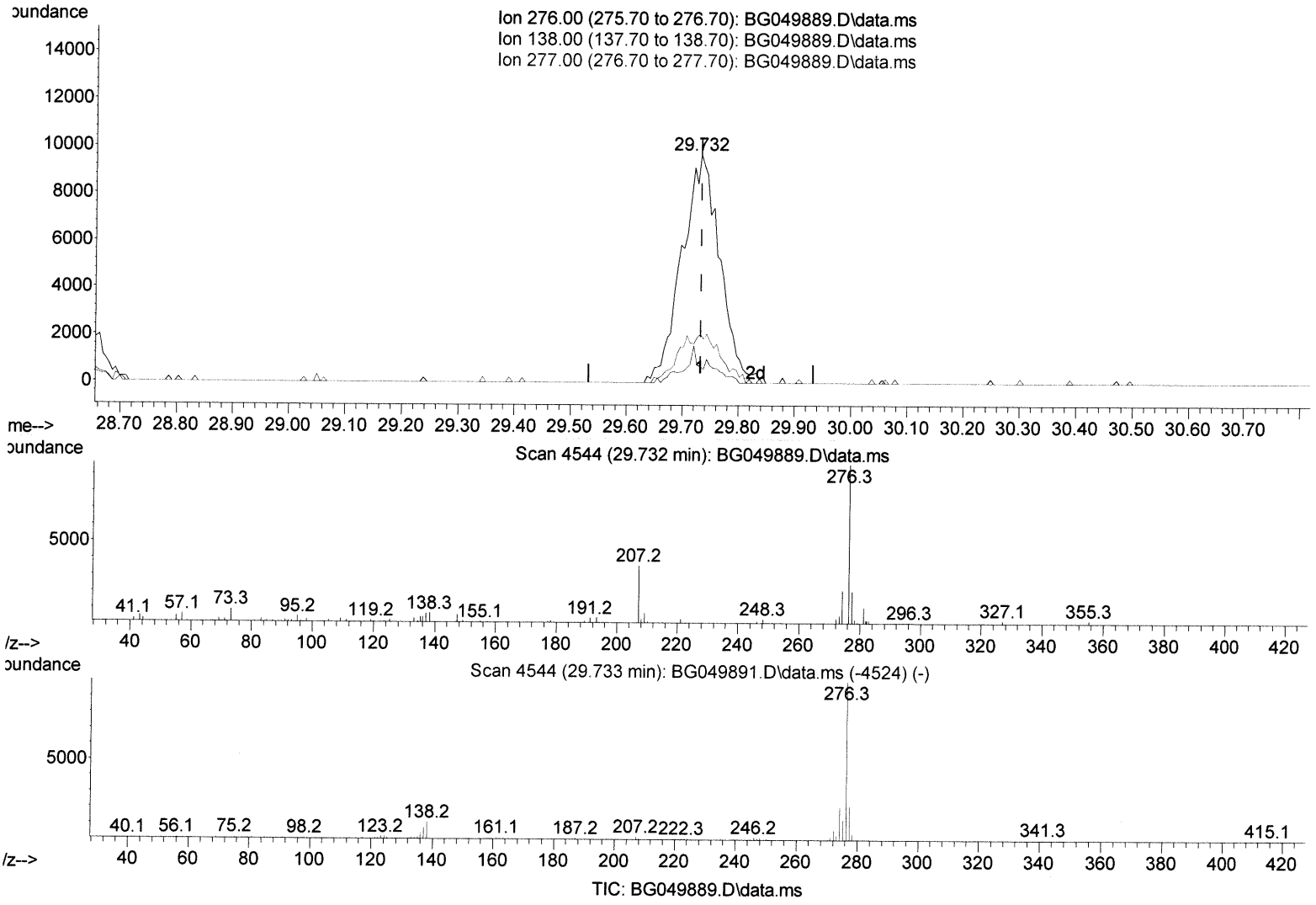

(96) Benzo(g,h,i)perylene

29.732min (-0.001) 4.37 ng/ul

response 42294

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	7.19#
277.00	21.70	21.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049889.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 11:59:28 2021
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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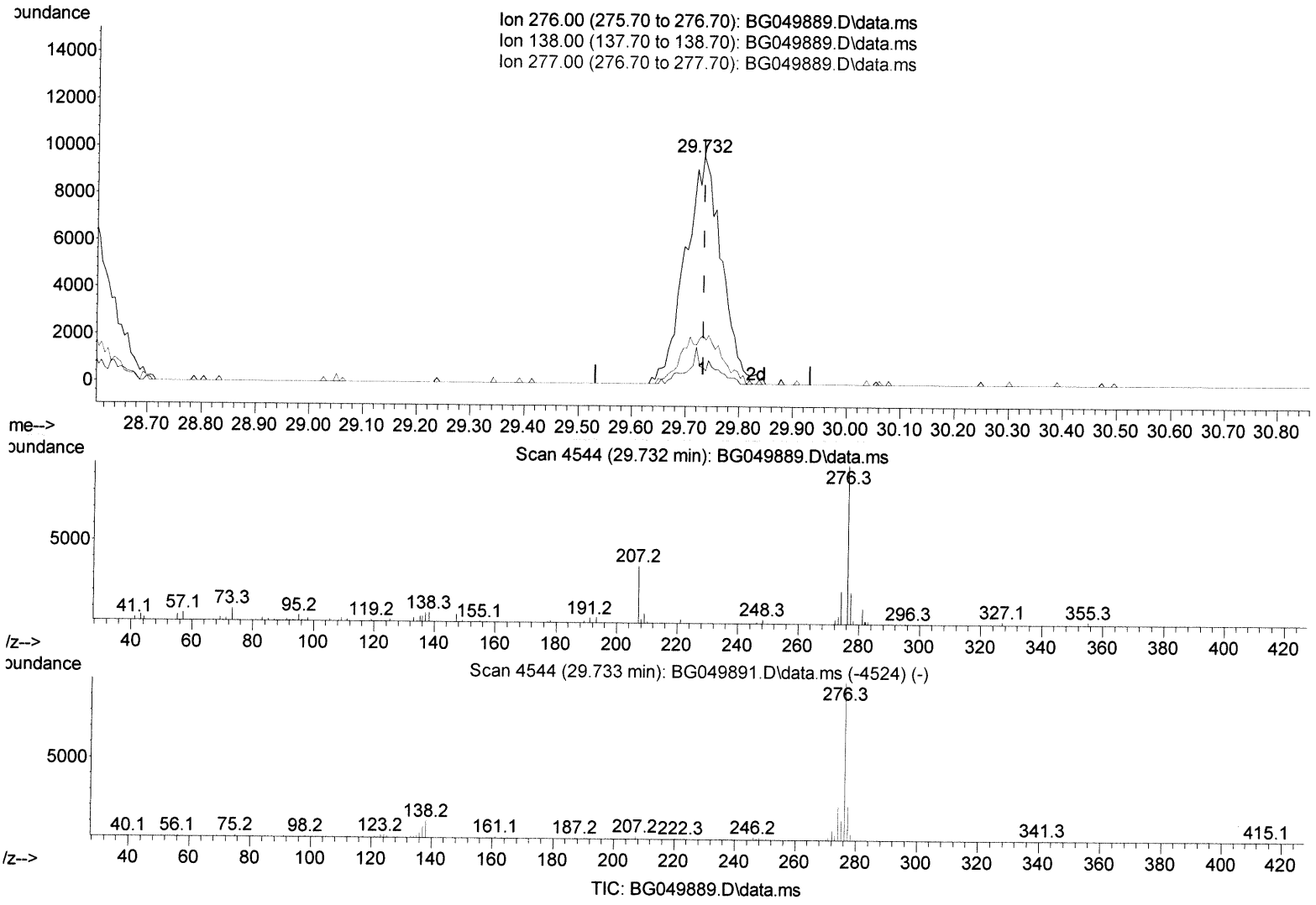

(96) Benzo(g,h,i)perylene

29.732min (-0.001) 4.71 ng/ul m JE 8/20/21

response 45553

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	7.19#
277.00	21.70	21.23
0.00	0.00	0.00

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	23749	20.000	ng/ul	0.00
20) Naphthalene-d8	10.798	136	100975	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	71981	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.390	188	159823	20.000	ng/ul	0.00
79) Chrysene-d12	21.660	240	164588	20.000	ng/ul	0.00
88) Perylene-d12	24.891	264	161734	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	741	1.637	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	7.515	132	6806	4.455	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.148	128	3758	4.817	ng/ul	0.00
24) 2-Nitrophenol-d4	9.876	143	3927	4.183	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	7201	4.345	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.035	166	24513	4.470	ng/ul	0.00
49) Acenaphthylene-d8	14.329	160	28543	4.426	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.627	176	20681	4.407	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.489	188	34146	4.782	ng/ul	0.00
81) Pyrene-d10	19.775	212	40318	4.468	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.668	264	40582	4.814	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.379	88	1310	2.667	ng/uL#	79
12) 2-Chlorophenol	7.544	128	7067	4.739	ng/ul#	72
17) N-Nitroso-di-n-propyla...	8.784	70	6038	4.447	ng/ul	97
19) Hexachloroethane	9.060	117	3153	4.570	ng/ul	89
22) Nitrobenzene	9.195	77	9305	4.356	ng/ul#	89
23) Isophorone	9.718	82	17593	4.606	ng/ul#	95
25) 2-Nitrophenol	9.911	139	4127	4.547	ng/ul#	79
26) 2,4-Dimethylphenol	9.970	107	8872	4.250	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.199	93	8418	4.238	ng/ul#	95
29) 2,4-Dichlorophenol	10.458	162	6219	4.016	ng/ul	97
30) Naphthalene	10.845	128	24161	4.741	ng/ul#	96
33) Hexachlorobutadiene	11.127	225	5837	4.508	ng/ul#	75
35) 4-Chloro-3-methylphenol	12.097	107	7902	4.253	ng/ul#	80
36) 2-Methylnaphthalene	12.461	142	16265	4.224	ng/ul#	76
37) 1-Methylnaphthalene	12.684	142	17258	4.505	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.837	216	9219	4.111	ng/ul	93
41) 2,4,6-Trichlorophenol	13.078	196	5623	4.069	ng/ul#	74
42) 2,4,5-Trichlorophenol	13.160	196	5887	4.287	ng/ul	90
43) 1,1'-Biphenyl	13.465	154	23204	4.531	ng/ul#	87
44) 2-Chloronaphthalene	13.512	162	17884	4.441	ng/ul	97
45) 2-Nitroaniline	13.724	65	5851	4.192	ng/ul#	78
47) Dimethylphthalate	14.082	163	25741	4.824	ng/ul#	96
48) 2,6-Dinitrotoluene	14.211	165	4992	4.522	ng/ul#	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.358	152	26408	4.449	ng/ul	97
52) Acenaphthene	14.699	153	19627	4.575	ng/ul	98
56) Dibenzofuran	15.040	168	26352	4.517	ng/ul	93
57) 2,4-Dinitrotoluene	15.010	165	6639	4.122	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.269	232	4456	3.920	ng/ul#	85
59) Diethylphthalate	15.445	149	26377	4.817	ng/ul	96
61) Fluorene	15.686	166	24229	4.899	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.674	204	11935	4.561	ng/ul	92
67) N-Nitrosodiphenylamine	15.892	169	20000	4.643	ng/ul	94
68) 4-Bromophenyl-phenylether	16.573	248	8083	4.500	ng/ul	98
69) Hexachlorobenzene	16.696	284	9786	4.839	ng/ul#	91
72) Phenanthrene	17.431	178	38402	4.826	ng/ul	100
74) Anthracene	17.525	178	39430	4.913	ng/ul#	92
75) 1,2,3,4-Tetrachloroben...	13.436	216	9534	4.208	ng/uL	93
76) Pentachlorobenzene	14.958	250	11248	4.743	ng/uL#	88
78) Di-n-butylphthalate	18.341	149	45085	4.944	ng/ul	97
80) Fluoranthene	19.446	202	48705	4.370	ng/ul	99
82) Pyrene	19.804	202	52035	4.746	ng/ul	98
83) Butylbenzylphthalate	20.679	149	19395	4.444	ng/ul	98
85) Benzo(a)anthracene	21.643	228	48091	4.642	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.531	149	27394	4.523	ng/ul	97
87) Chrysene	21.707	228	45305	4.649	ng/ul	98
90) Benzo(b)fluoranthene	23.857	252	49107	4.870	ng/ul#	98
91) Benzo(k)fluoranthene	23.928	252	48021m	4.821	ng/ul	JU 8/20/21
93) Benzo(a)pyrene	24.738	252	41403	4.683	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.574	276	53232	4.595	ng/ul#	99
95) Dibenzo(a,h)anthracene	28.633	278	44938	4.604	ng/ul#	97
96) Benzo(g,h,i)perylene	29.732	276	45553m	4.708	ng/ul	JU 8/20/21

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