

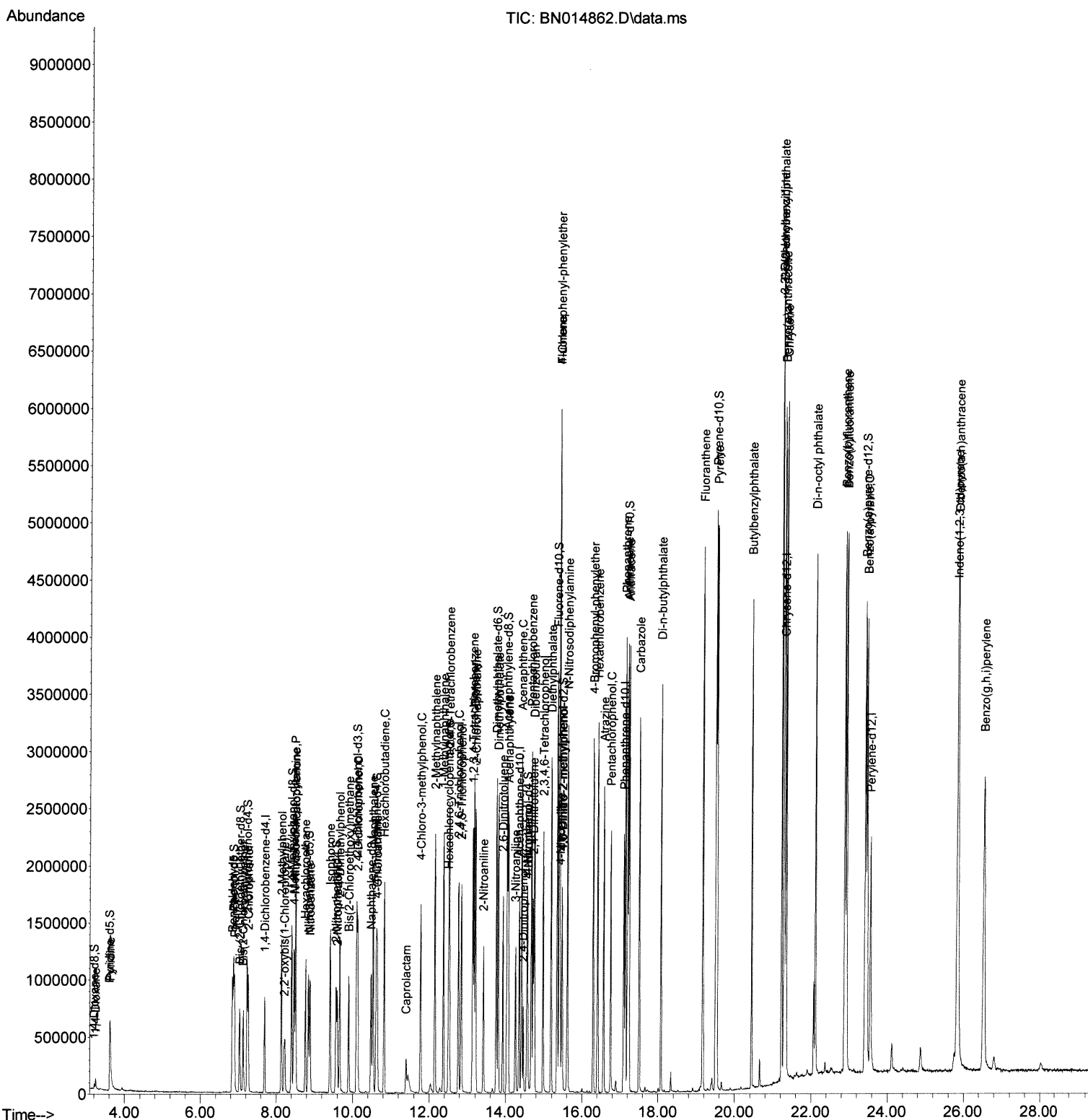
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
 Data File : BN014862.D
 Acq On : 10 Jun 2021 11:51
 Operator : CG/JU
 Sample : PB136905BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 SLCS905

Manual Integrations
 APPROVED

mohammad
 6/11/2021 2:13:03 PM

Quant Time: Jun 10 12:39:54 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



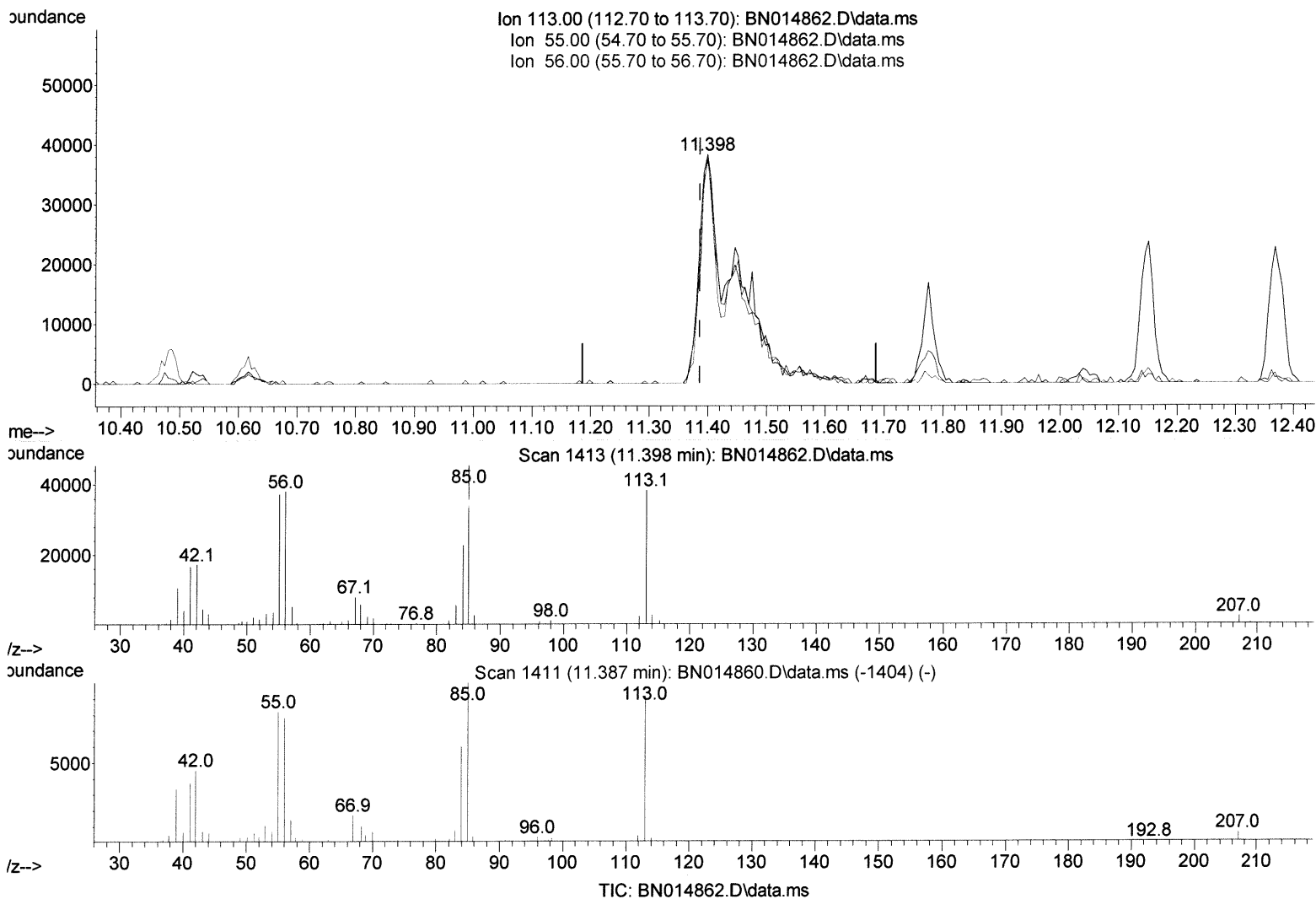
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Manual Integrations
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(34) Caprolactam

11.398min (+ 0.012) 17.08 ng/ul

response 76050

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	97.43
56.00	73.20	99.54#
0.00	0.00	0.00

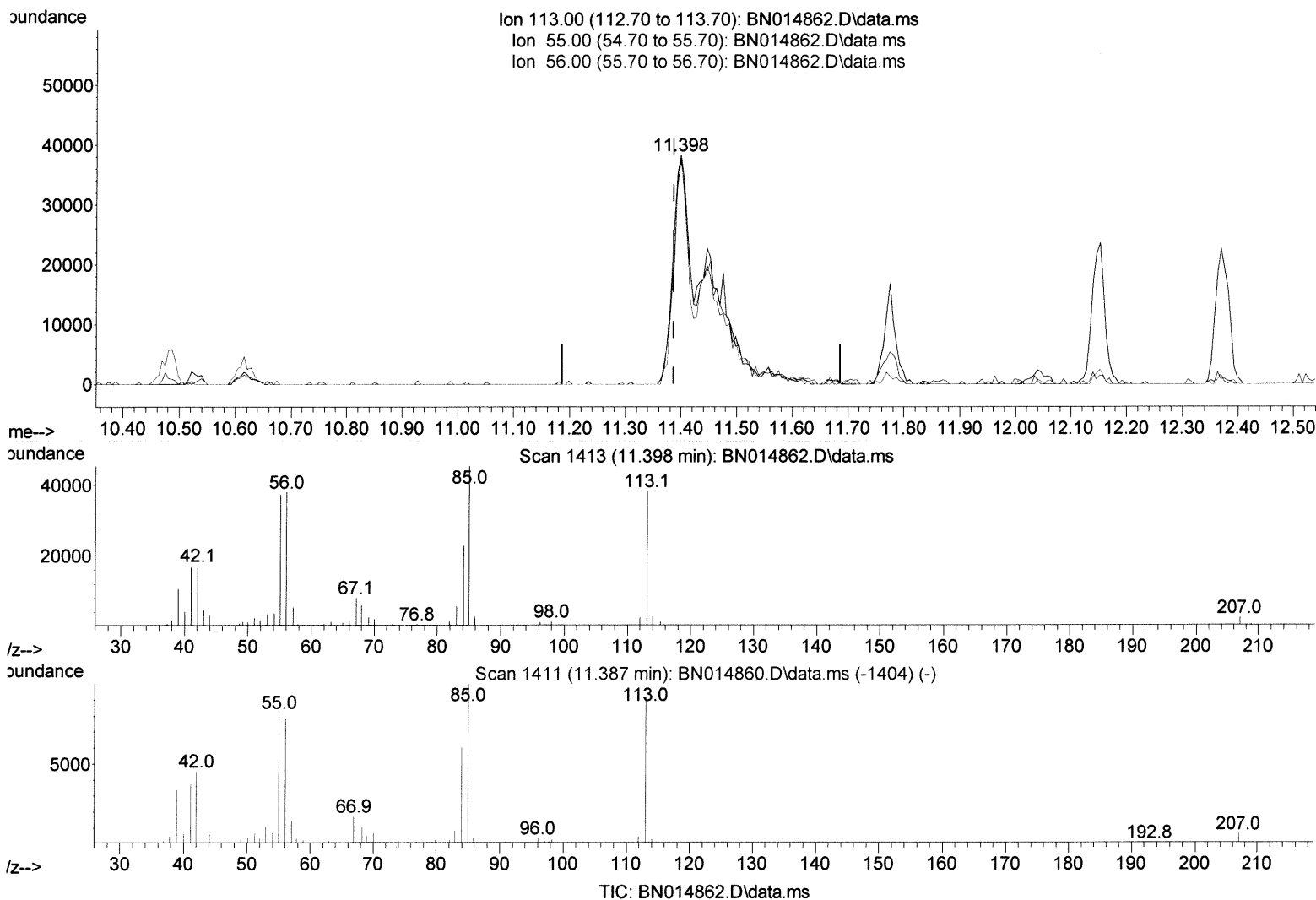
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 Response via : Initial Calibration



(34) Caprolactam

11.398min (+ 0.012) 34.28 ng/ul m

response 152652

JL 6/14/21

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	97.43
56.00	73.20	99.54#
0.00	0.00	0.00

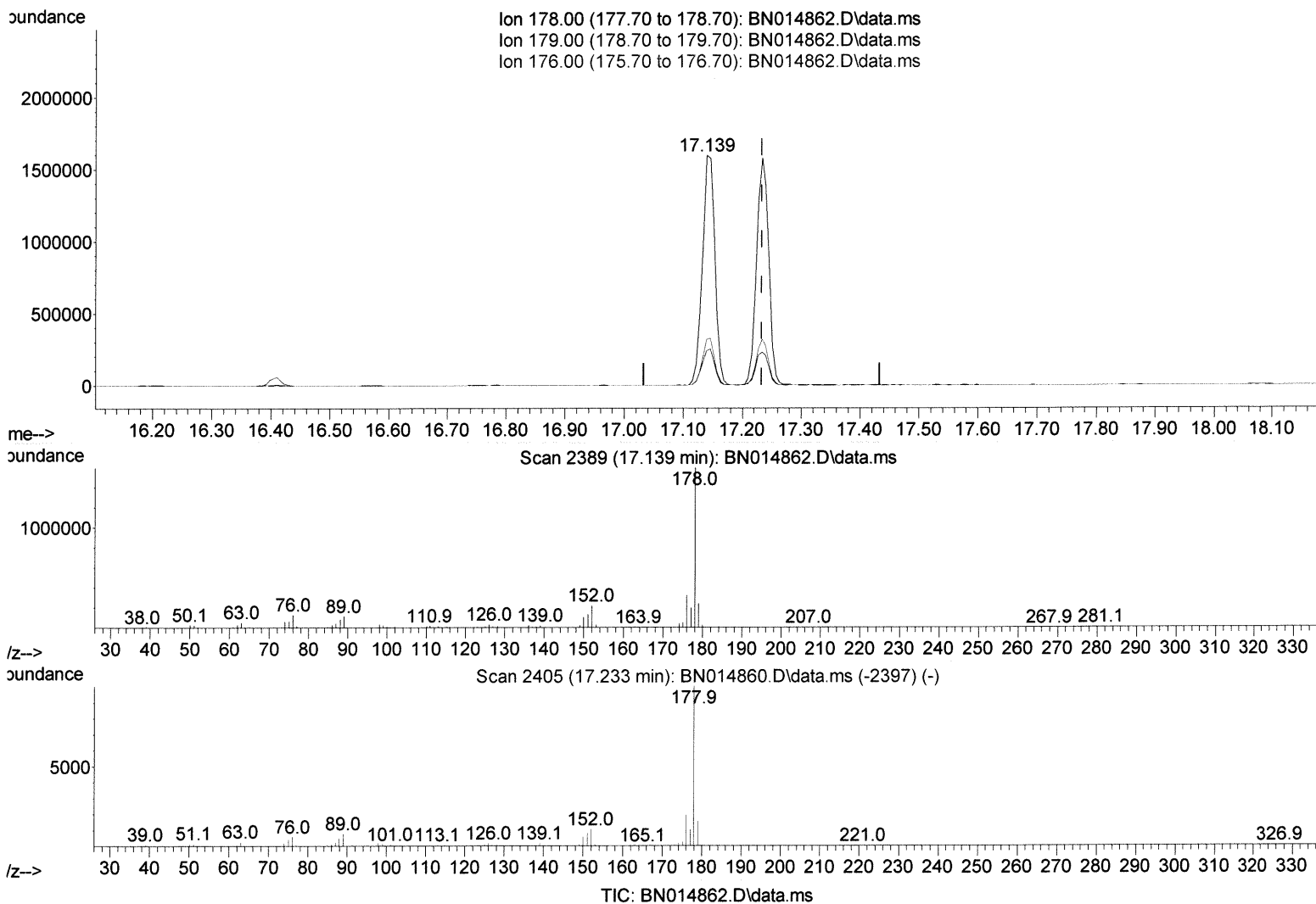
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 Response via : Initial Calibration



(74) Anthracene

17.139min (-0.094) 35.42 ng/ul

response 2329804

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	14.92
176.00	19.10	19.97
0.00	0.00	0.00

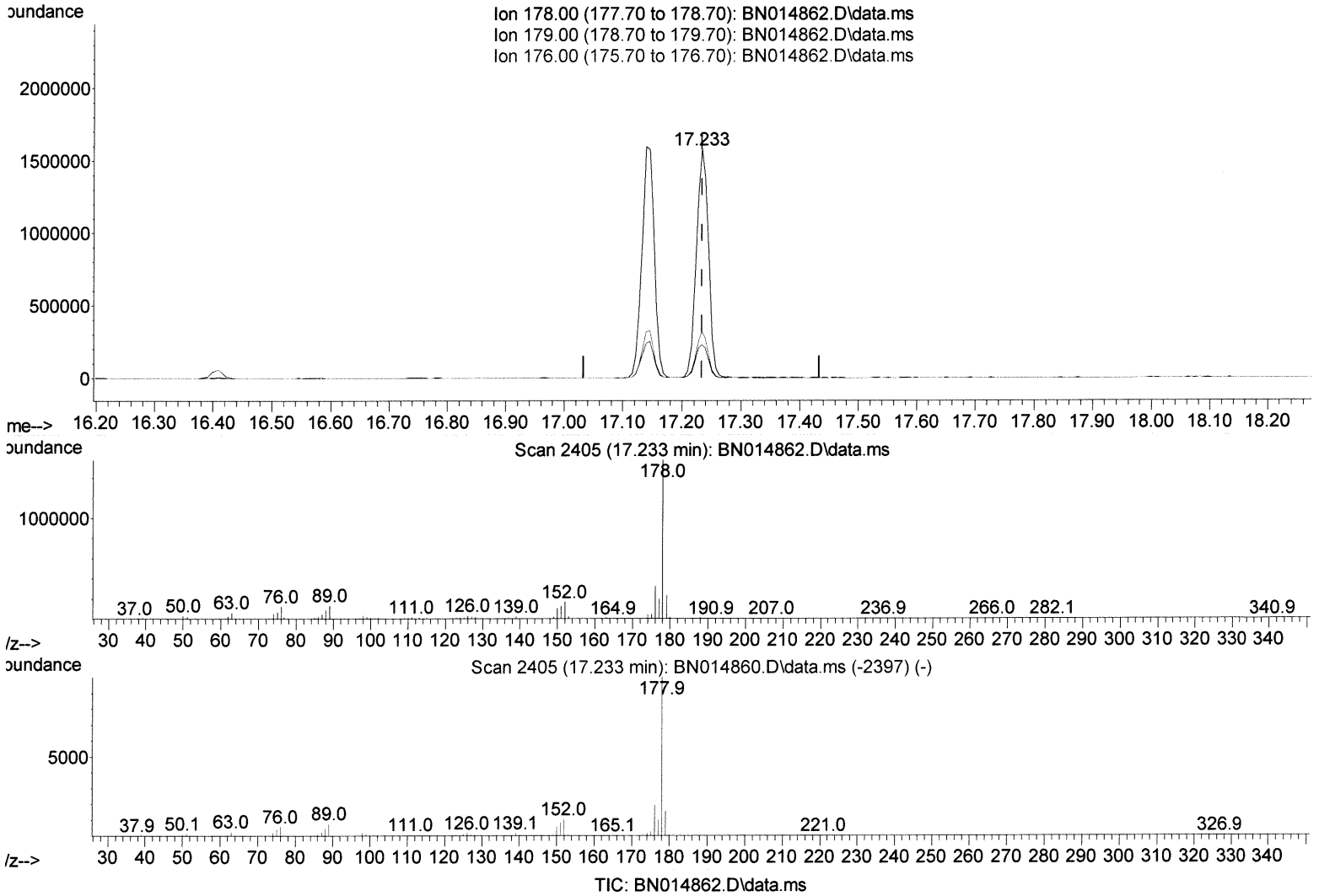
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Response via : Initial Calibration



(74) Anthracene

17.233min (-0.000) 34.37 ng/ul m

response 2261080

JU 6/14/21

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	14.51
176.00	19.10	20.29
0.00	0.00	0.00

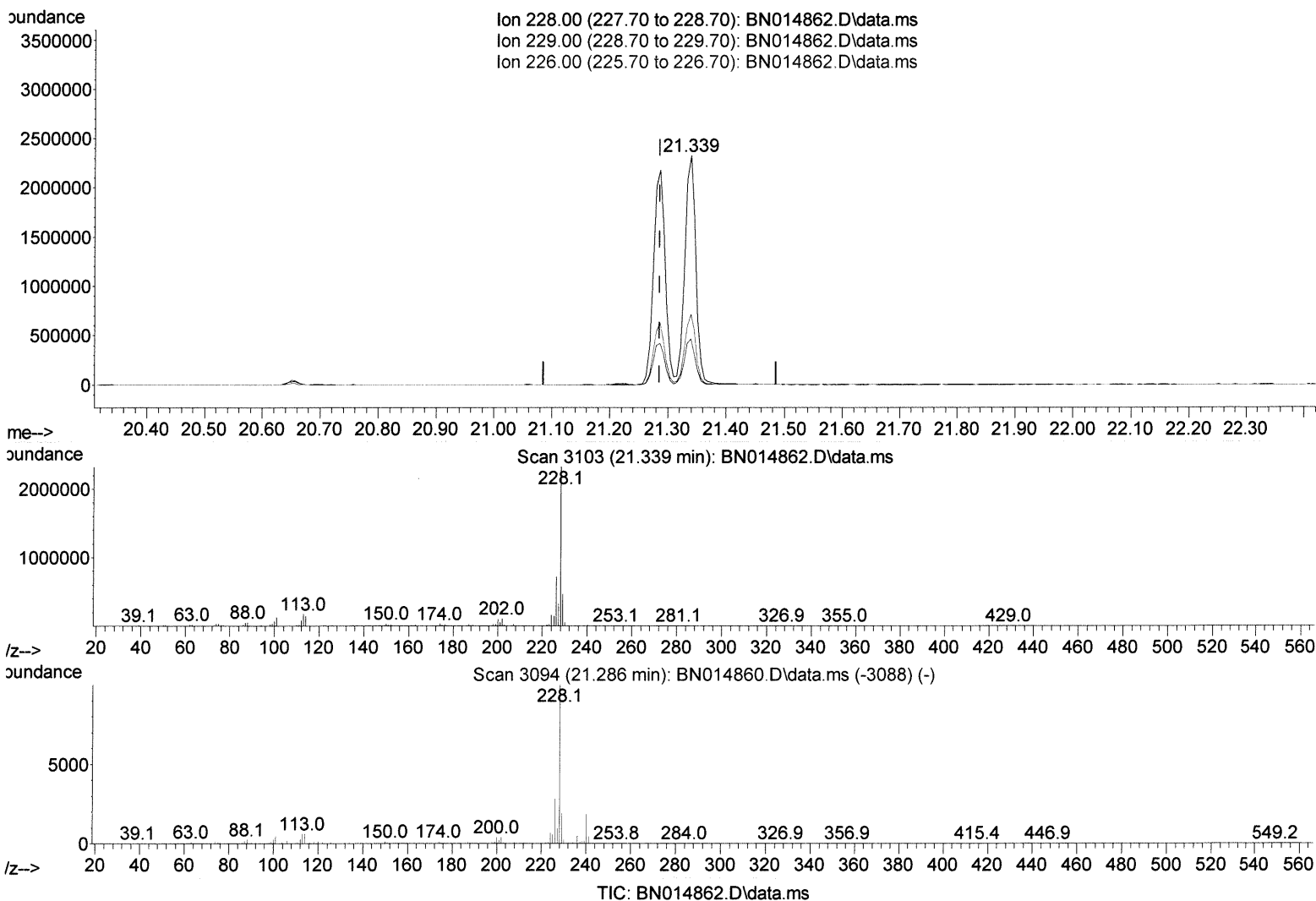
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 Response via : Initial Calibration



(85) Benzo(a)anthracene

21.339min (+ 0.053) 35.58 ng/ul

response 3056503

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.30	19.95
226.00	27.00	30.82
0.00	0.00	0.00

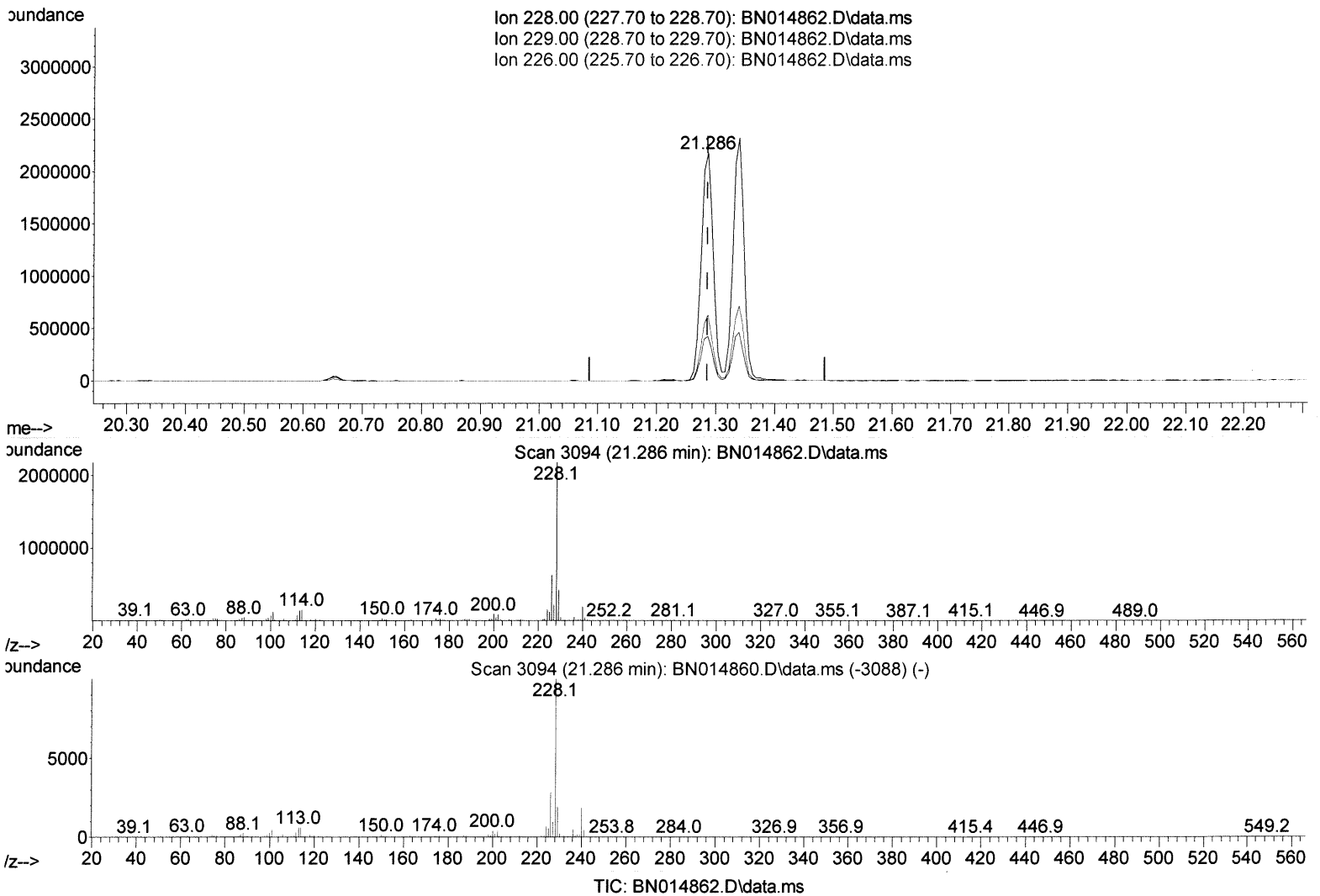
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 Misc :
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Instrument :
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Manual Integrations
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 Response via : Initial Calibration



(85) Benzo(a)anthracene

21.286min (-0.000) 35.34 ng/ul m

response 3035225

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.30	19.39
226.00	27.00	28.83
0.00	0.00	0.00

JU 6/14/21

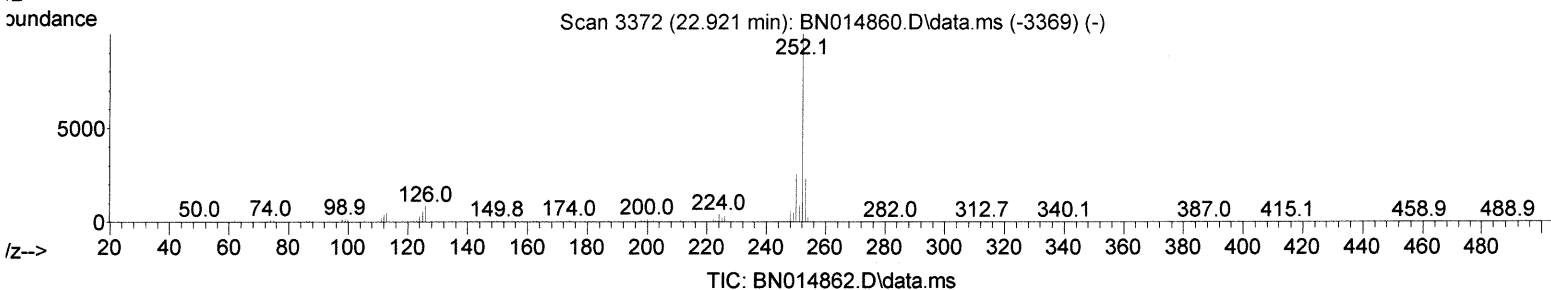
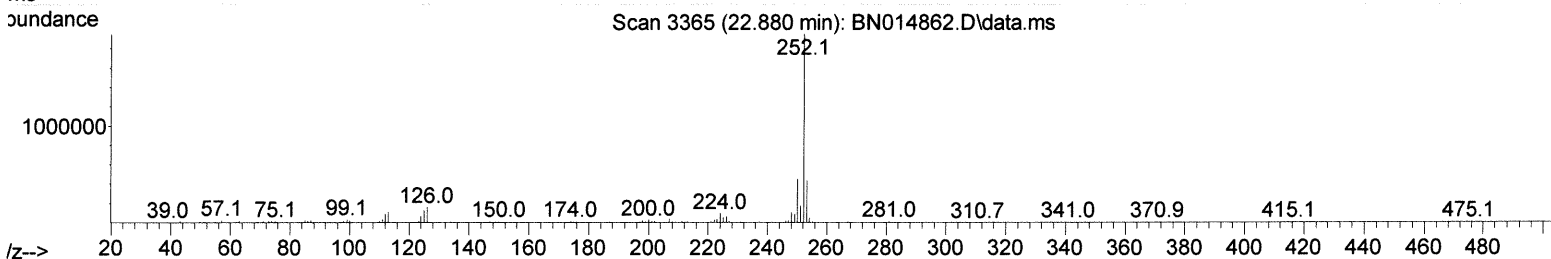
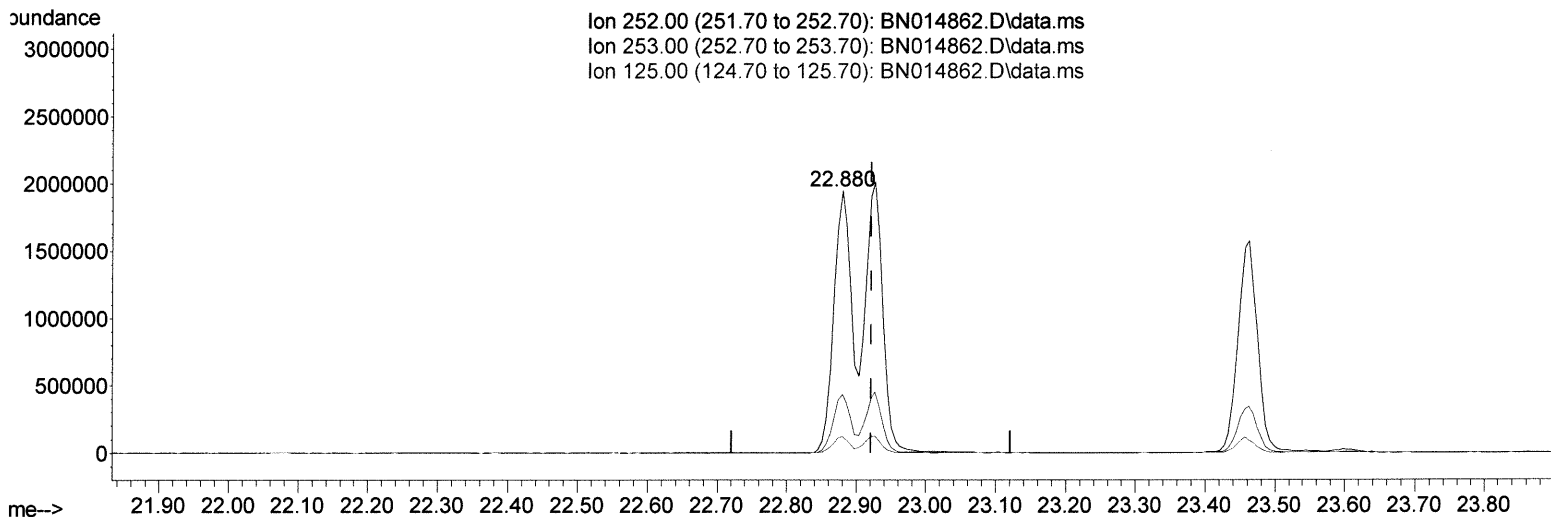
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Operator : CG/JU
Sample : PB136905BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS905

Manual Integrations
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Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.880min (-0.041) 40.87 ng/ul

response 3506679

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	22.37
125.00	6.00	6.32
0.00	0.00	0.00

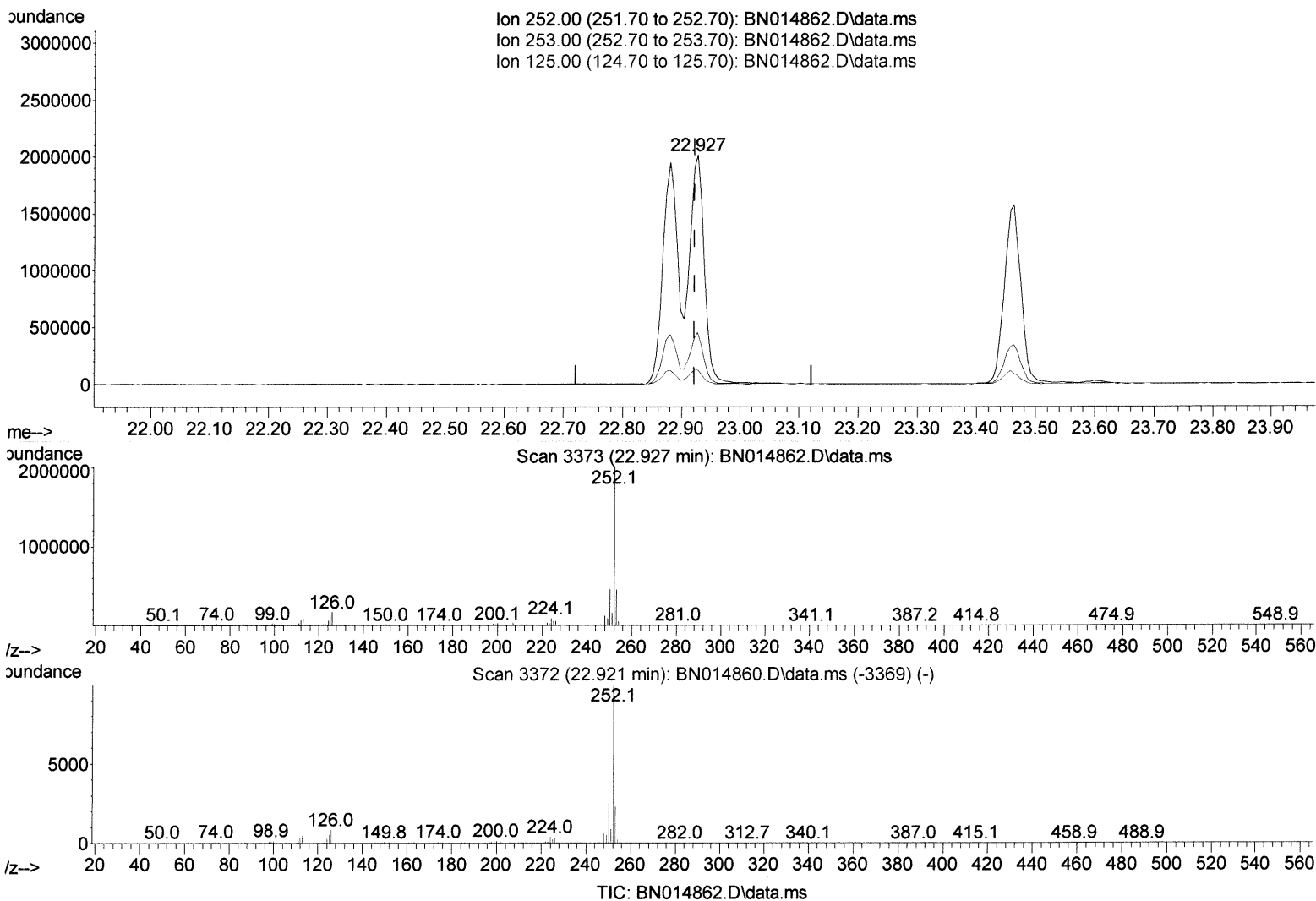
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 Operator : CG/JU
 Sample : PB136905BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
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 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

22.927min (+ 0.006) 39.51 ng/ul m

response 3389383

JU 6/14/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	22.52
125.00	6.00	6.16
0.00	0.00	0.00

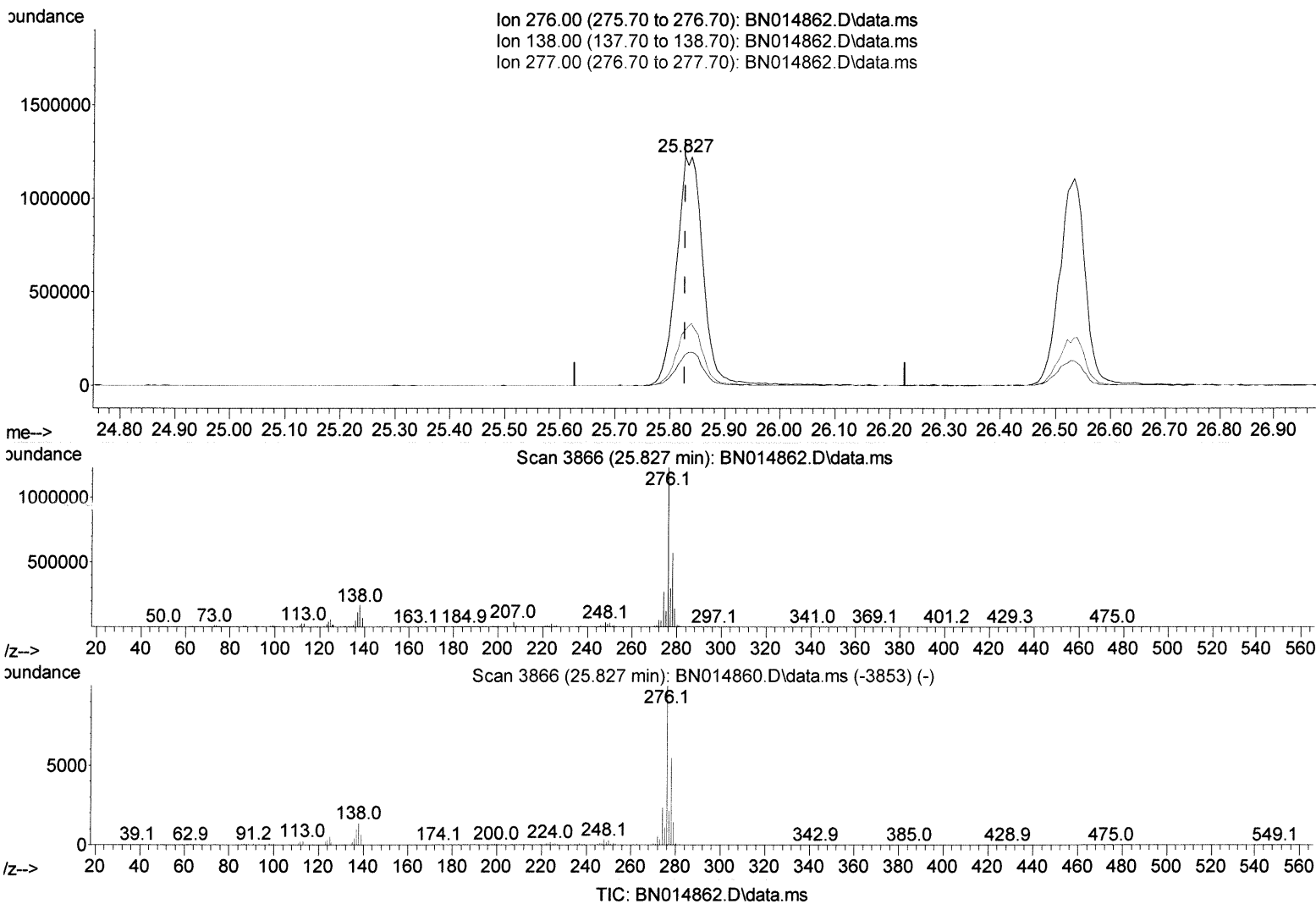
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 Operator : CG/JU
 Sample : PB136905BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS905

Manual Integrations
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 Response via : Initial Calibration



(94) Indeno(1,2,3-cd)pyrene

25.827min (-0.000) 19.27 ng/ul

response 2058104

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.50	13.44
277.00	24.40	24.00
0.00	0.00	0.00

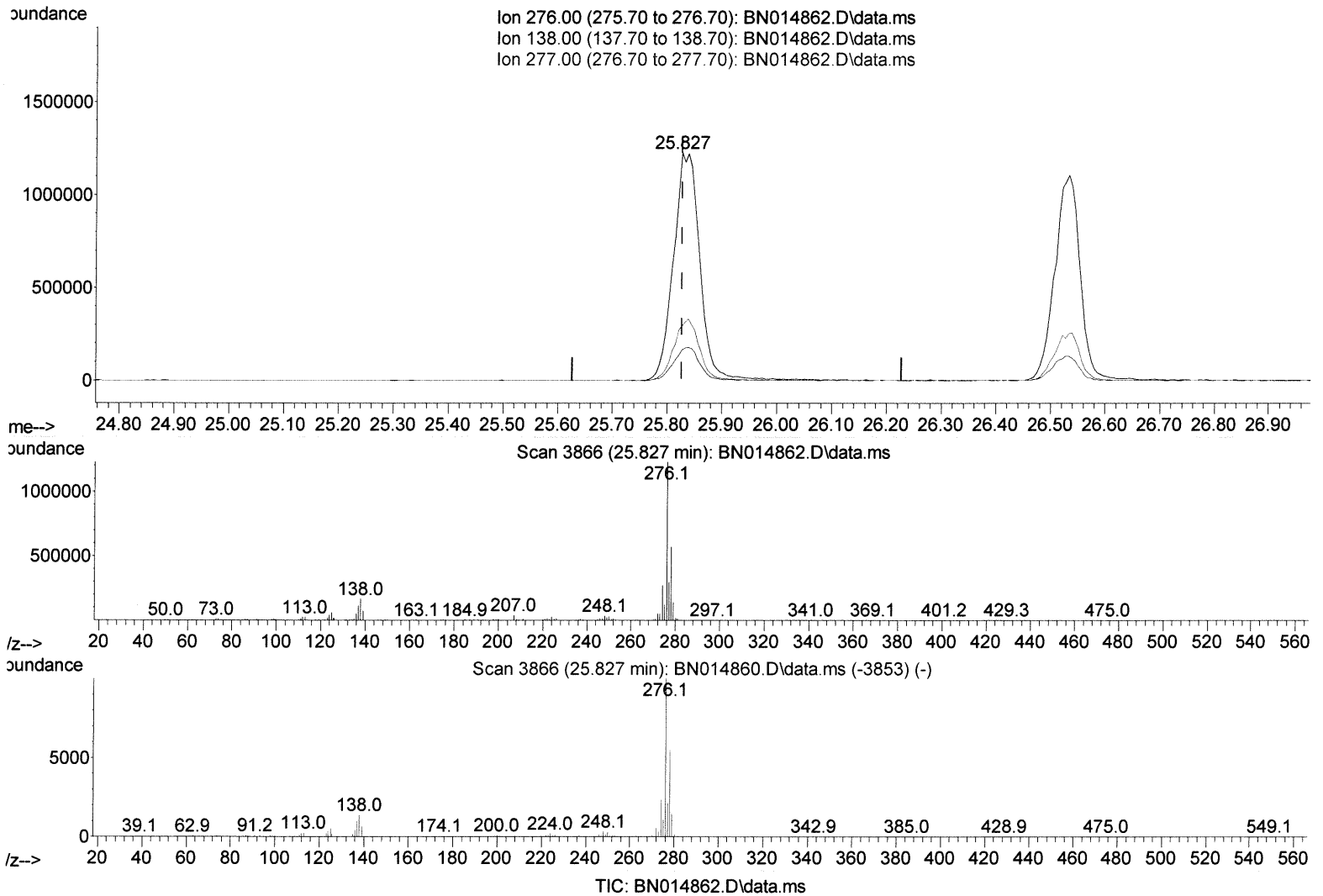
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Acq On : 10 Jun 2021 11:51
Operator : CG/JU
Sample : PB136905BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS905

Manual Integrations
APPROVED

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Quant Time: Jun 10 12:39:54 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



(94) Indeno(1,2,3-cd)pyrene

25.827min (-0.000) 37.73 ng/ul m
response 4028730

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.50	13.44
277.00	24.40	24.00
0.00	0.00	0.00

7/6/19/21

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Manual Integrations
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 Last Update : Thu Jun 10 11:55:23 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	197977	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	778369	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	555202	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1249160	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	1377956	20.000	ng/ul	0.00
88) Perylene-d12	23.556	264	1434873	20.000	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	28462	5.854	ng/uL	0.00
4) Pyridine-d5	3.610	84	328973	26.869	ng/ul	0.00
7) Phenol-d5	6.869	99	615832	31.768	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	293502	30.448	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	448733	37.376	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	498648	33.085	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	231128	39.419	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	248006	39.351	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	528586	36.785	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	568884	33.580	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1677843	38.038	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	1909032	37.427	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	256931	36.666	ng/ul	0.00
60) Fluorene-d10	15.345	176	1401909	36.886	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	272601	39.899	ng/ul	0.00
73) Anthracene-d10	17.198	188	2188212	37.499	ng/ul	0.00
81) Pyrene-d10	19.504	212	2667238	41.052	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	3238875	42.377	ng/ul	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.246	88	62562	10.961	ng/uL#	85
5) Pyridine	3.628	79	317518	24.748	ng/ul	95
6) Benzaldehyde	6.840	77	343780	32.932	ng/ul	92
8) Phenol	6.899	94	551069	27.627	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.122	93	419754	27.265	ng/ul	98
12) 2-Chlorophenol	7.263	128	413194	32.882	ng/ul#	89
13) 2-Methylphenol	8.140	108	416474	28.431	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	262899	27.069	ng/ul	93
16) Acetophenone	8.510	105	737068	29.542	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.498	70	330341	27.488	ng/ul#	93
18) 4-Methylphenol	8.463	108	462828	28.969	ng/ul	96
19) Hexachloroethane	8.763	117	200211	31.823	ng/ul#	88
22) Nitrobenzene	8.887	77	530533	28.993	ng/ul	95
23) Isophorone	9.410	82	986620	28.394	ng/ul	96
25) 2-Nitrophenol	9.598	139	228815	34.164	ng/ul#	89
26) 2,4-Dimethylphenol	9.663	107	485752	23.561	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.898	93	594566	28.161	ng/ul#	97
29) 2,4-Dichlorophenol	10.128	162	452973	32.868	ng/ul	94
30) Naphthalene	10.528	128	1331291	31.468	ng/ul#	96
32) 4-Chloroaniline	10.640	127	517462	28.701	ng/ul	95
33) Hexachlorobutadiene	10.822	225	406473	32.985	ng/ul	89
34) Caprolactam	11.398	113	152652m	34.284	ng/ul	> 74 6/14/21
35) 4-Chloro-3-methylphenol	11.775	107	630874	31.589	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.151	142	994240	31.528	ng/ul	99
37) 1-Methylnaphthalene	12.369	142	968819	31.248	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.522	216	677666	32.282	ng/ul	95
40) Hexachlorocyclopentadiene	12.504	237	307166	22.088	ng/ul	98
41) 2,4,6-Trichlorophenol	12.769	196	421905	35.791	ng/ul	95
42) 2,4,5-Trichlorophenol	12.839	196	454956	35.364	ng/ul	92
43) 1,1'-Biphenyl	13.175	154	1347180	33.919	ng/ul#	95
44) 2-Chloronaphthalene	13.210	162	1100221	34.572	ng/ul	96
45) 2-Nitroaniline	13.416	65	312965	32.287	ng/ul	91
47) Dimethylphthalate	13.804	163	1519775	34.835	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	312721	38.572	ng/ul	97
50) Acenaphthylene	14.069	152	1591571	33.938	ng/ul	96
51) 3-Nitroaniline	14.251	138	273462	34.762	ng/ul	84
52) Acenaphthene	14.410	153	1141878	33.604	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	151956	25.815	ng/ul	97
55) 4-Nitrophenol	14.575	109	333319	24.813	ng/ul#	88
56) Dibenzofuran	14.745	168	1679260	33.221	ng/ul#	87
57) 2,4-Dinitrotoluene	14.716	165	478753	37.054	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.980	232	436291	32.968	ng/ul#	93
59) Diethylphthalate	15.180	149	1530131	36.482	ng/ul	96
61) Fluorene	15.398	166	1278476	33.618	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.398	204	719486	31.978	ng/ul#	85
63) 4-Nitroaniline	15.422	138	279453	34.972	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.480	198	255907	38.286	ng/ul#	93
67) N-Nitrosodiphenylamine	15.616	169	1210191	35.969	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	574894	35.343	ng/ul#	82
69) Hexachlorobenzene	16.410	284	701255	34.461	ng/ul	98
70) Atrazine	16.569	200	498505	35.831	ng/ul	98
71) Pentachlorophenol	16.751	266	384378	32.808	ng/ul	96
72) Phenanthrene	17.139	178	2329804	35.695	ng/ul	98
74) Anthracene	17.233	178	2261080m	34.372	ng/ul	94 6/14/21
75) 1,2,3,4-Tetrachloroben...	13.139	216	709598	34.377	ng/ul	95
76) Pentachlorobenzene	14.669	250	747552	35.016	ng/ul	96
77) Carbazole	17.504	167	2021425	36.461	ng/ul	96
78) Di-n-butylphthalate	18.074	149	2540920	38.895	ng/ul	99
80) Fluoranthene	19.168	202	2962717	38.670	ng/ul	96
82) Pyrene	19.533	202	2964502	37.626	ng/ul	97
83) Butylbenzylphthalate	20.439	149	1155354	43.642	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.221	252	949348	36.542	ng/ul	98
85) Benzo(a)anthracene	21.286	228	3035225m	35.337	ng/ul	94 6/14/21
86) Bis(2-ethylhexyl)phtha...	21.227	149	1566629	41.055	ng/ul	99
87) Chrysene	21.339	228	3056503	35.336	ng/ul	97
89) Di-n-octyl phthalate	22.109	149	3096154	48.772	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	3506679	40.722	ng/ul	95
91) Benzo(k)fluoranthene	22.927	252	3389383m	39.506	ng/ul	94 6/14/21
93) Benzo(a)pyrene	23.462	252	3001971	38.521	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.827	276	4028730m	37.731	ng/ul	94 6/14/21
95) Dibenzo(a,h)anthracene	25.850	278	3331077	37.696	ng/ul	100
96) Benzo(g,h,i)perylene	26.533	276	3515979	37.206	ng/ul	95

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

Instrument :

BNA_N

ClientSampleId :

SLCS905

Manual Integrations

APPROVED

mohammad

6/11/2021 2:13:03 PM