

Instrument :
BNA_N
ClientSampleId :
SLCS853

mohammad
6/11/2021 2:13:23 PM

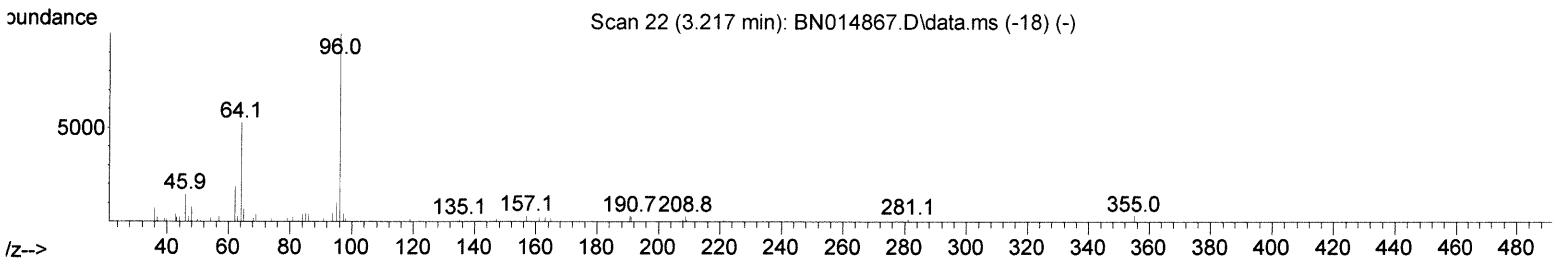
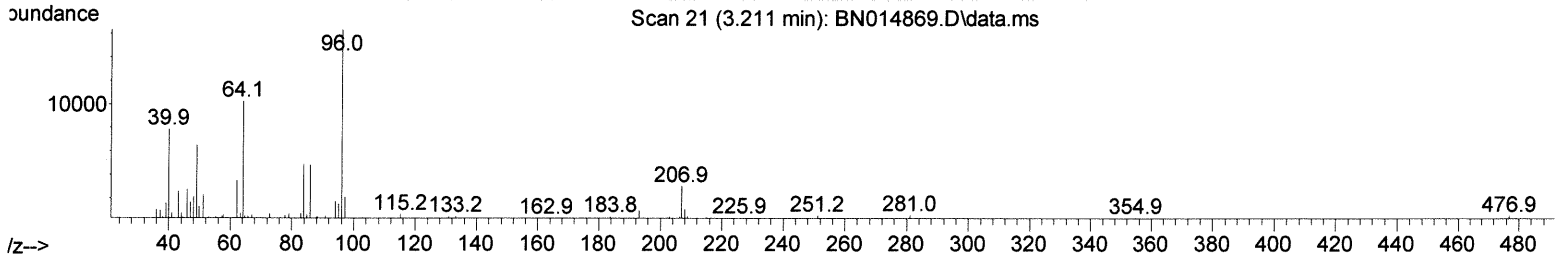
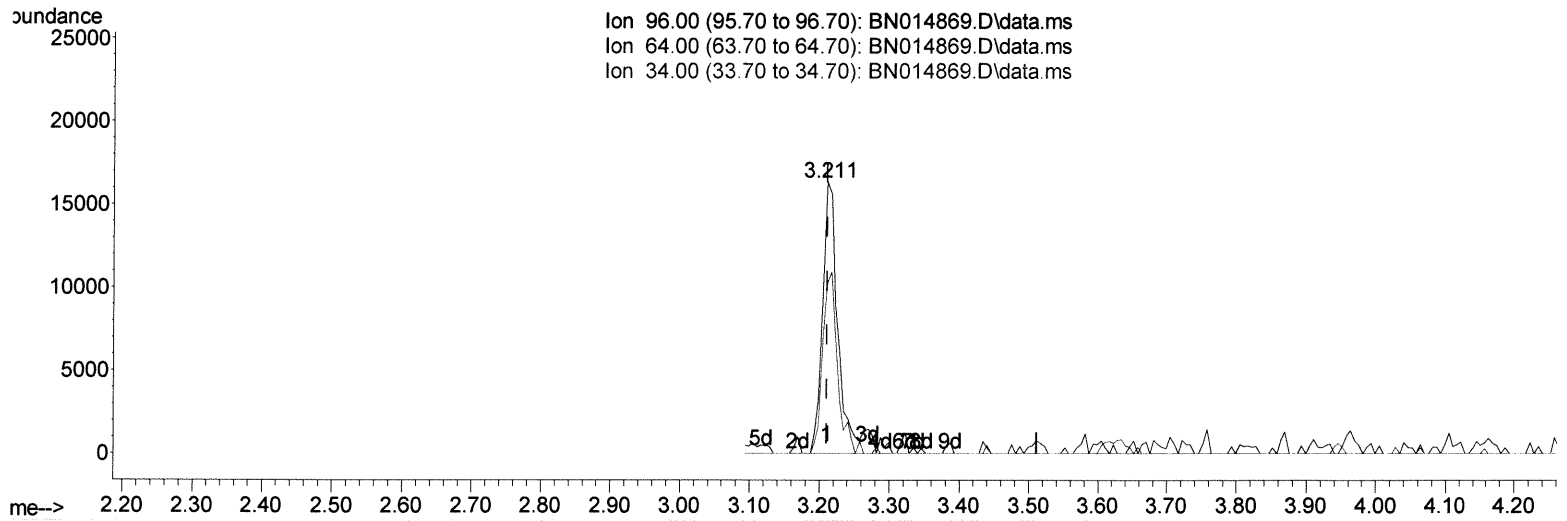
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
 Data File : BN014869.D
 Acq On : 10 Jun 2021 19:38
 Operator : CG/JU
 Sample : PB136853BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jun 11 01:48:12 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



TIC: BN014869.D\data.ms

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

3.211min (-0.000) 6.39 ng/uL

response 22622

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	64.30	62.60
34.00	0.00	0.00
0.00	0.00	0.00

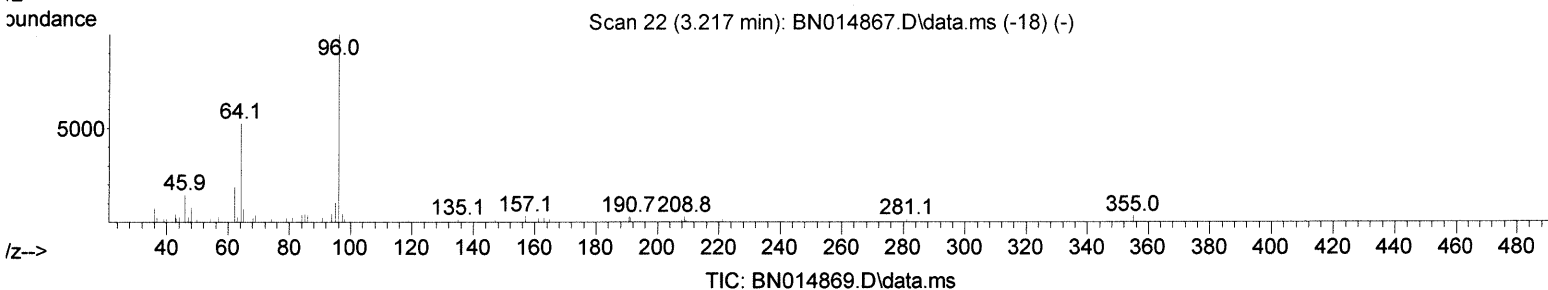
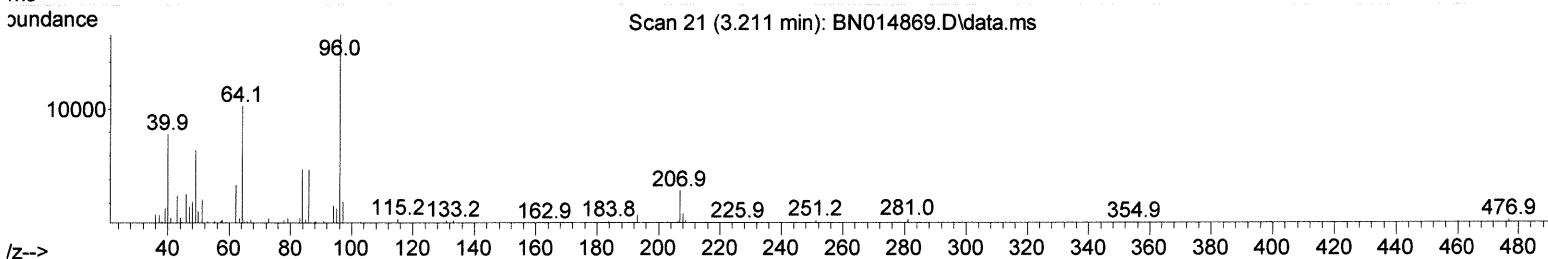
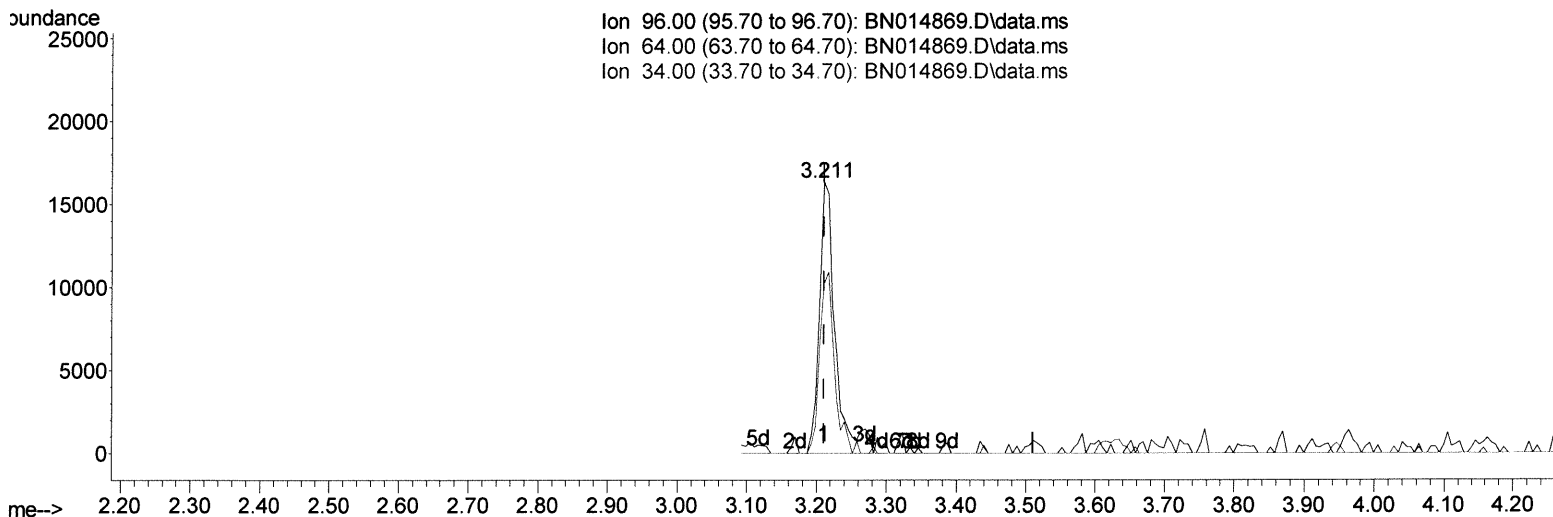
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(3) 1,4-Dioxane-d8 (S)

3.211min (-0.000) 6.89 ng/uL m

response 24363

JY 6/16/21

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	64.30	62.60
34.00	0.00	0.00
0.00	0.00	0.00

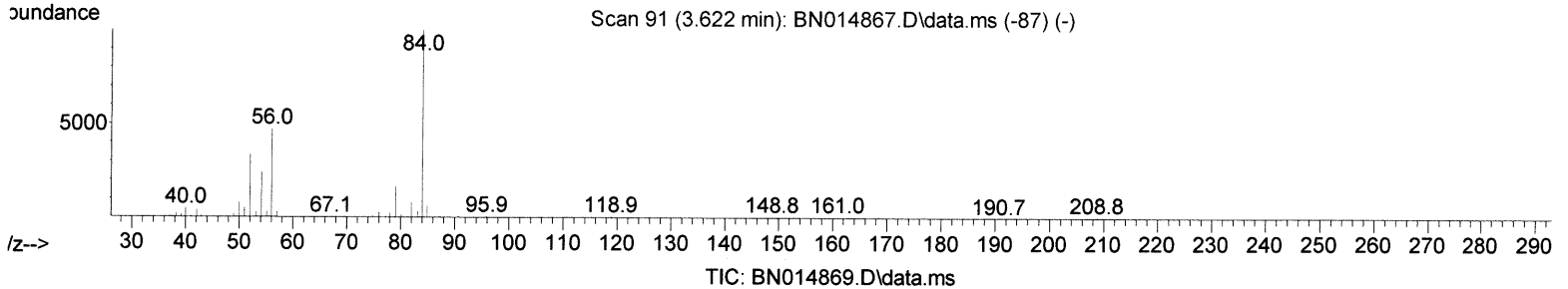
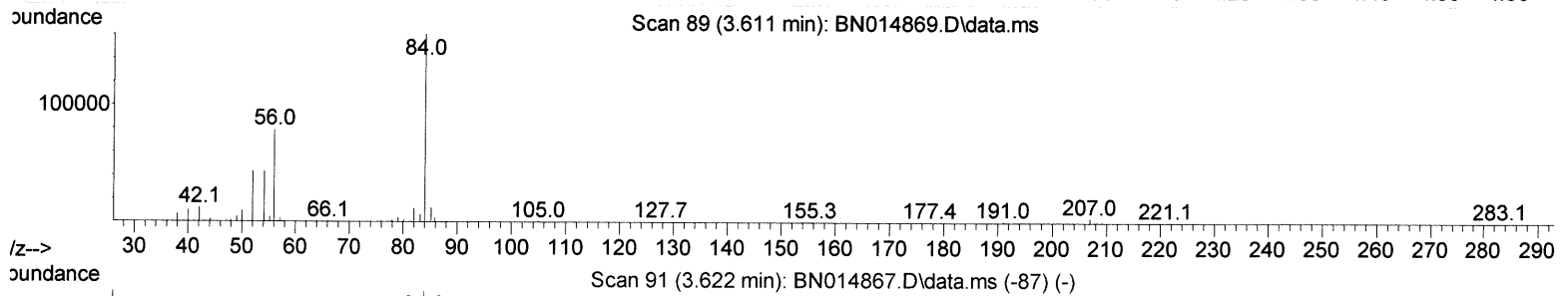
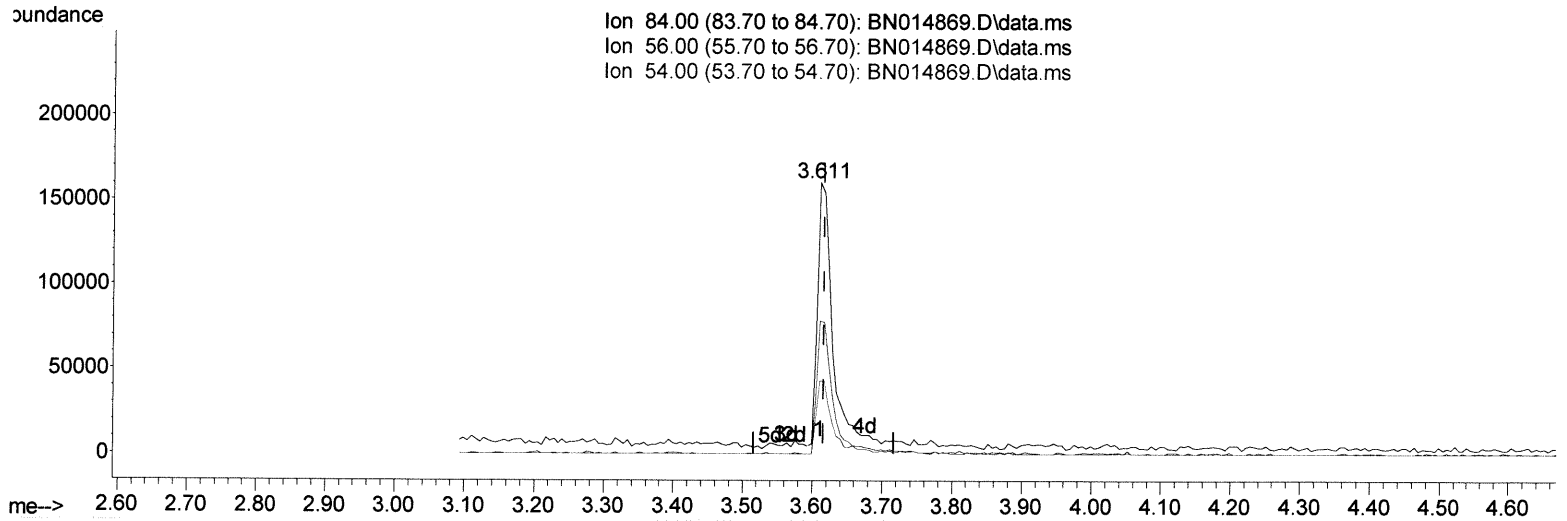
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(4) Pyridine-d5 (S)

3.611min (-0.006) 24.06 ng/ul

response 214431

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	44.70	48.97
54.00	24.70	26.86
0.00	0.00	0.00

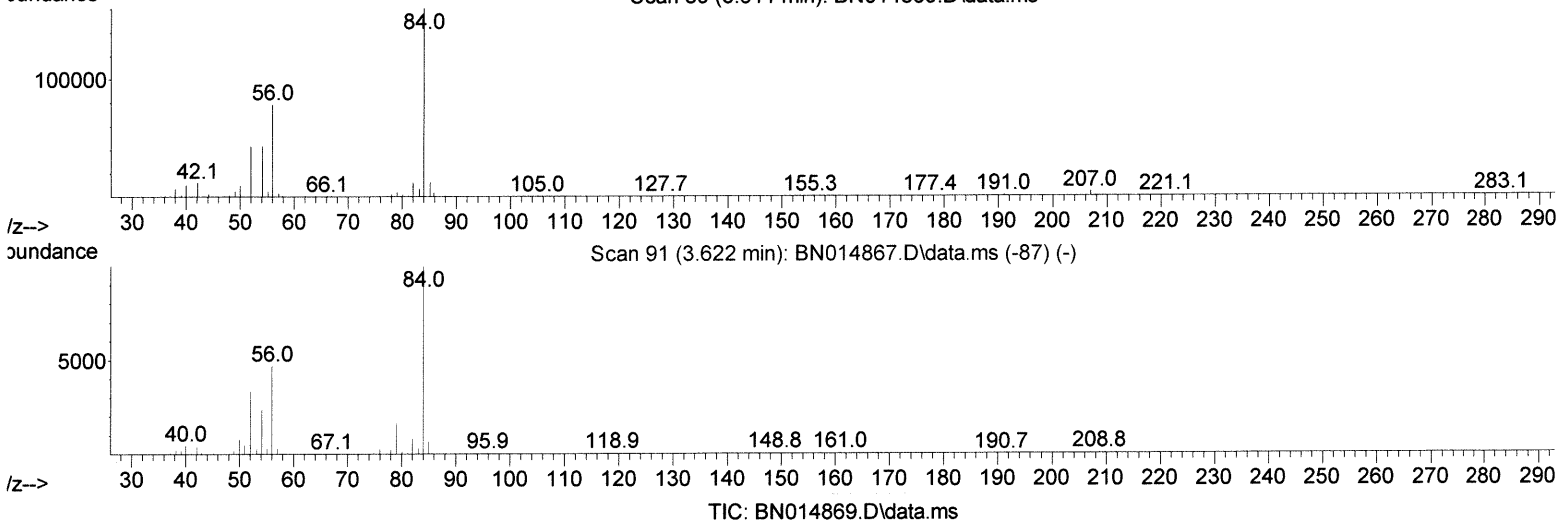
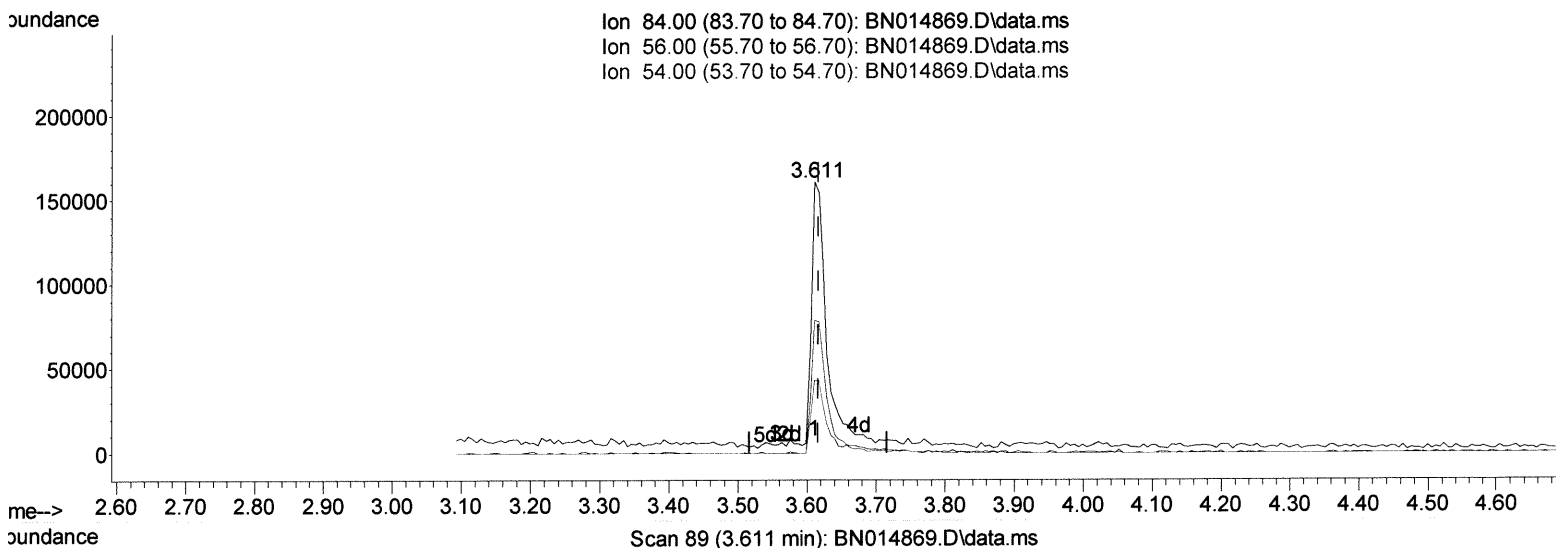
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(4) Pyridine-d5 (S)

3.611min (-0.006) 27.16 ng/ul m *JU 6/14/21*

response 241987

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	44.70	48.97
54.00	24.70	26.86
0.00	0.00	0.00

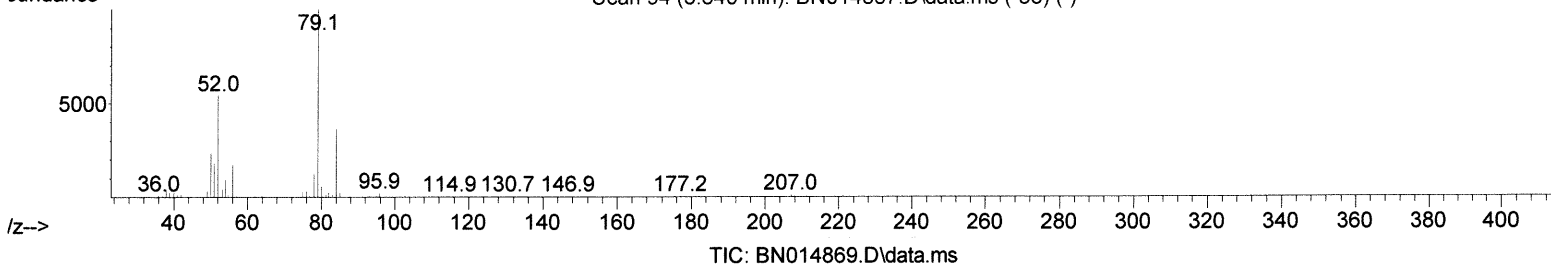
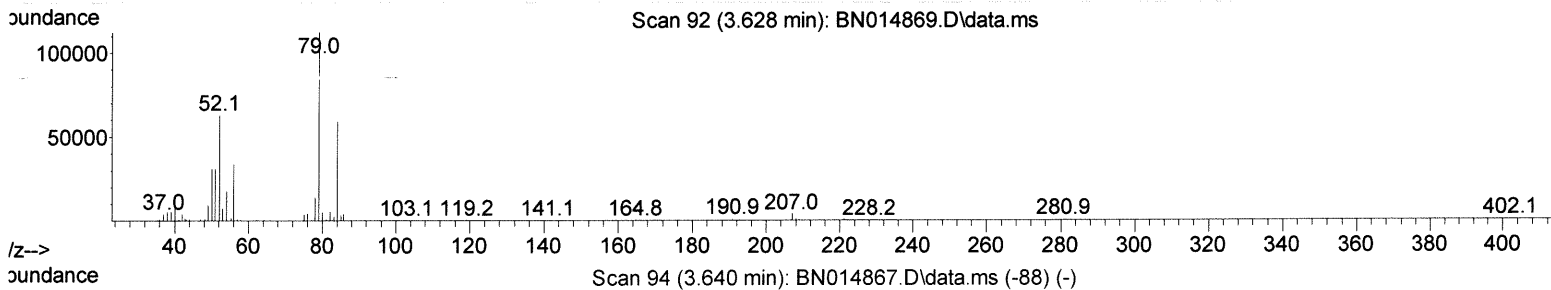
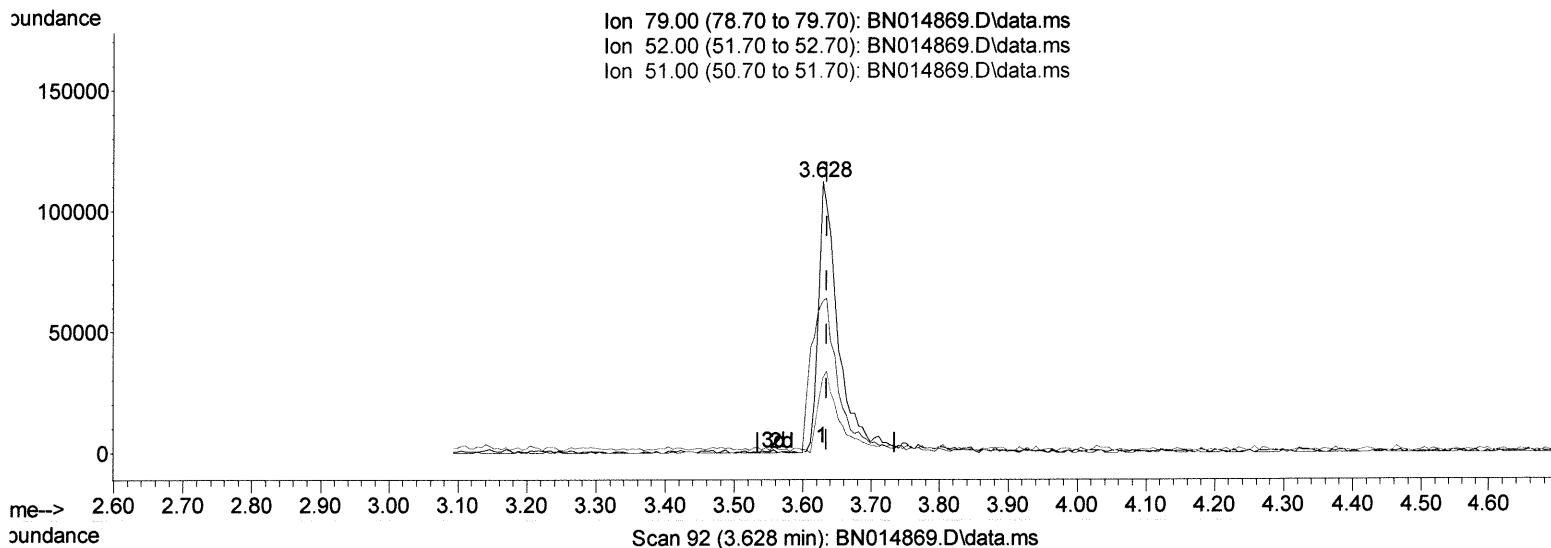
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(5) Pyridine

3.628min (-0.006) 21.87 ng/ul

response 204241

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	57.40	56.06
51.00	27.80	27.56
0.00	0.00	0.00

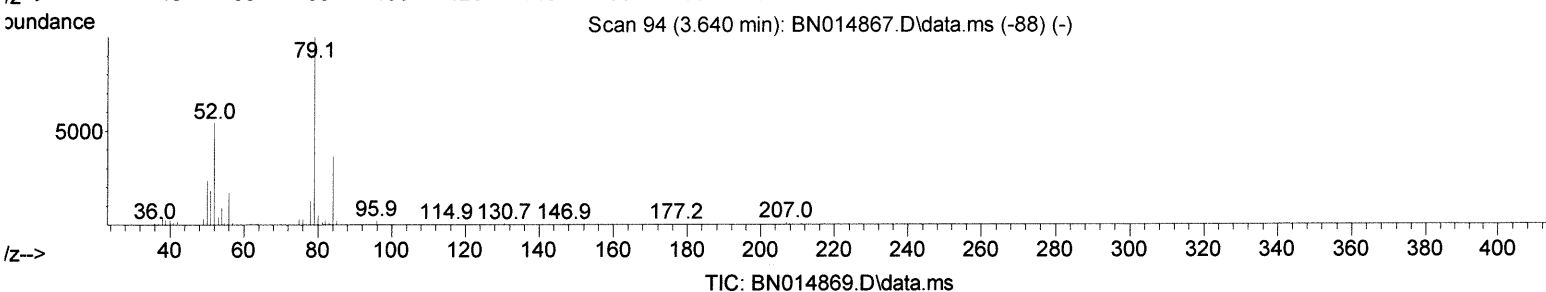
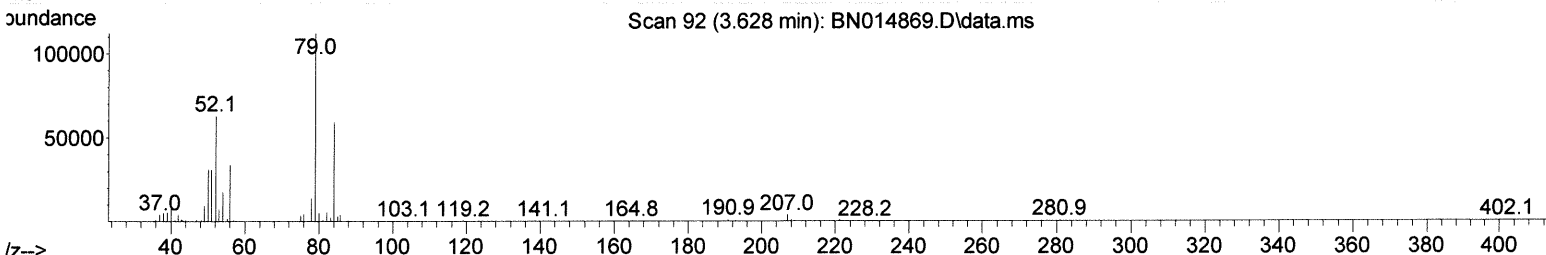
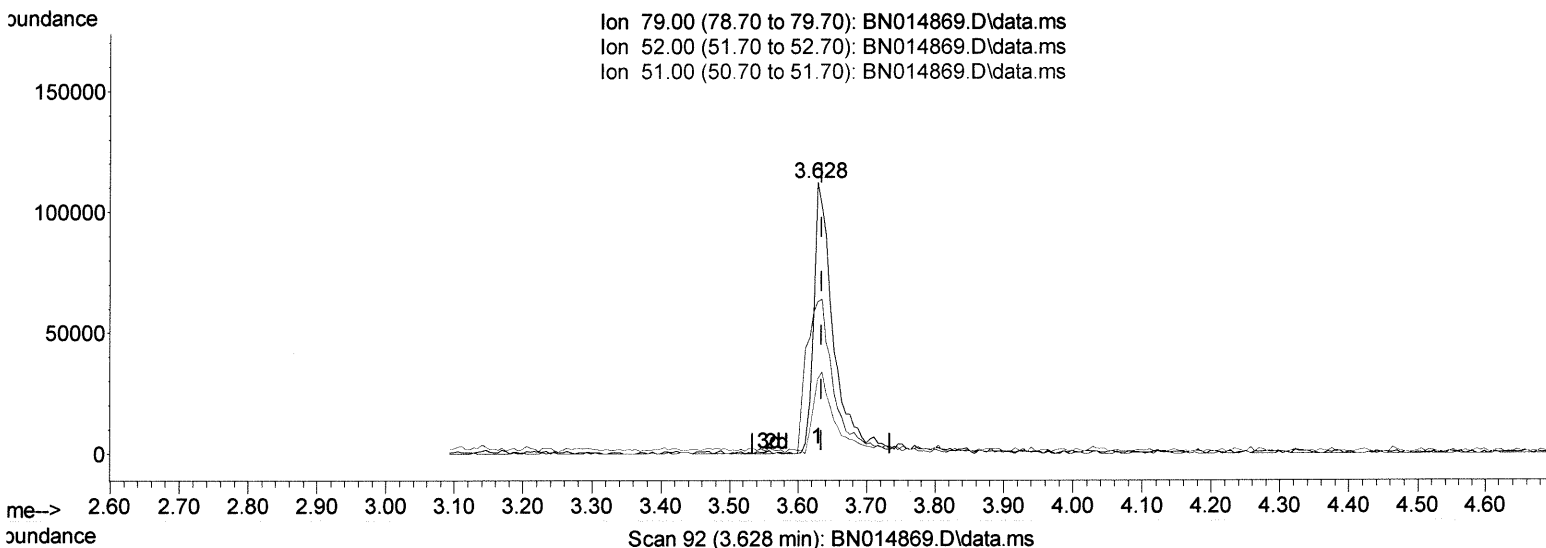
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TIC: BN014869.D\data.ms

(5) Pyridine

3.628min (-0.006) 23.27 ng/ul m

JY 6/14/21

response 217313

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	57.40	56.06
51.00	27.80	27.56
0.00	0.00	0.00

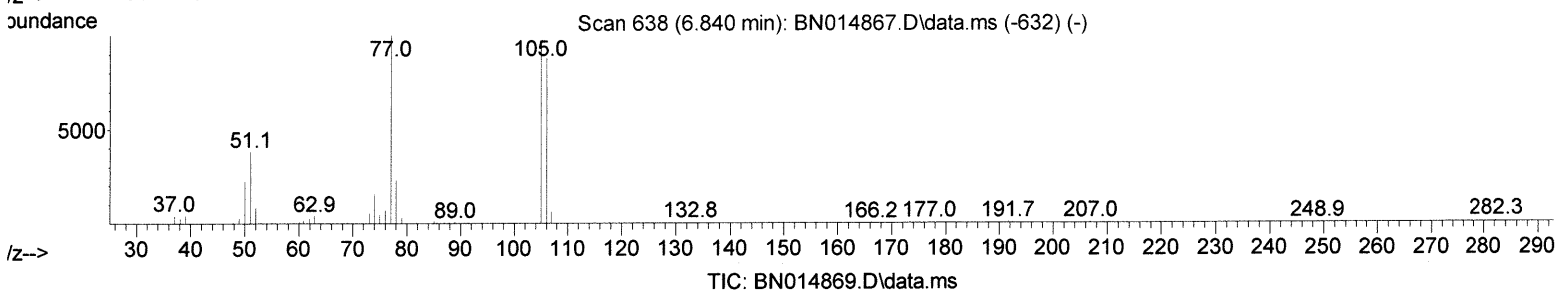
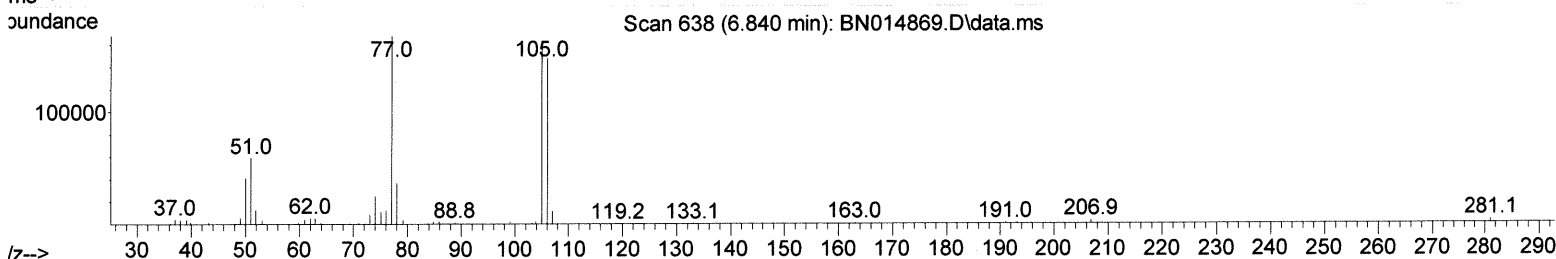
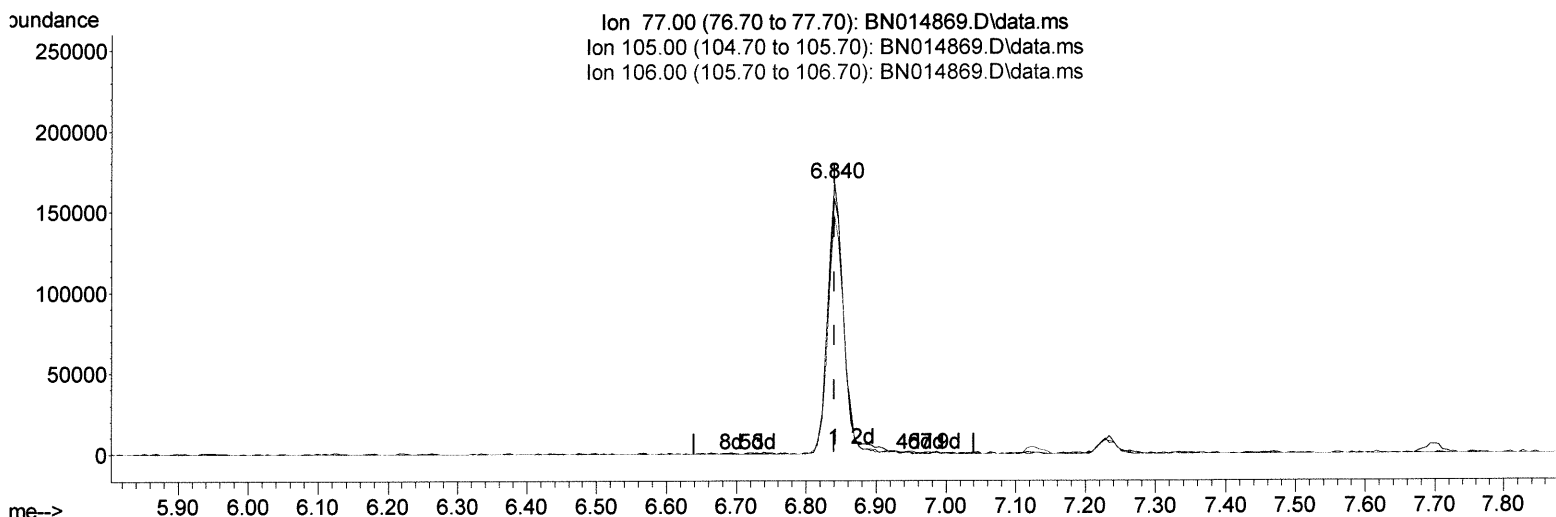
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(6) Benzaldehyde

6.840min (0.000) 32.77 ng/ul

response 248929

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.30	94.20
106.00	87.80	88.09
0.00	0.00	0.00

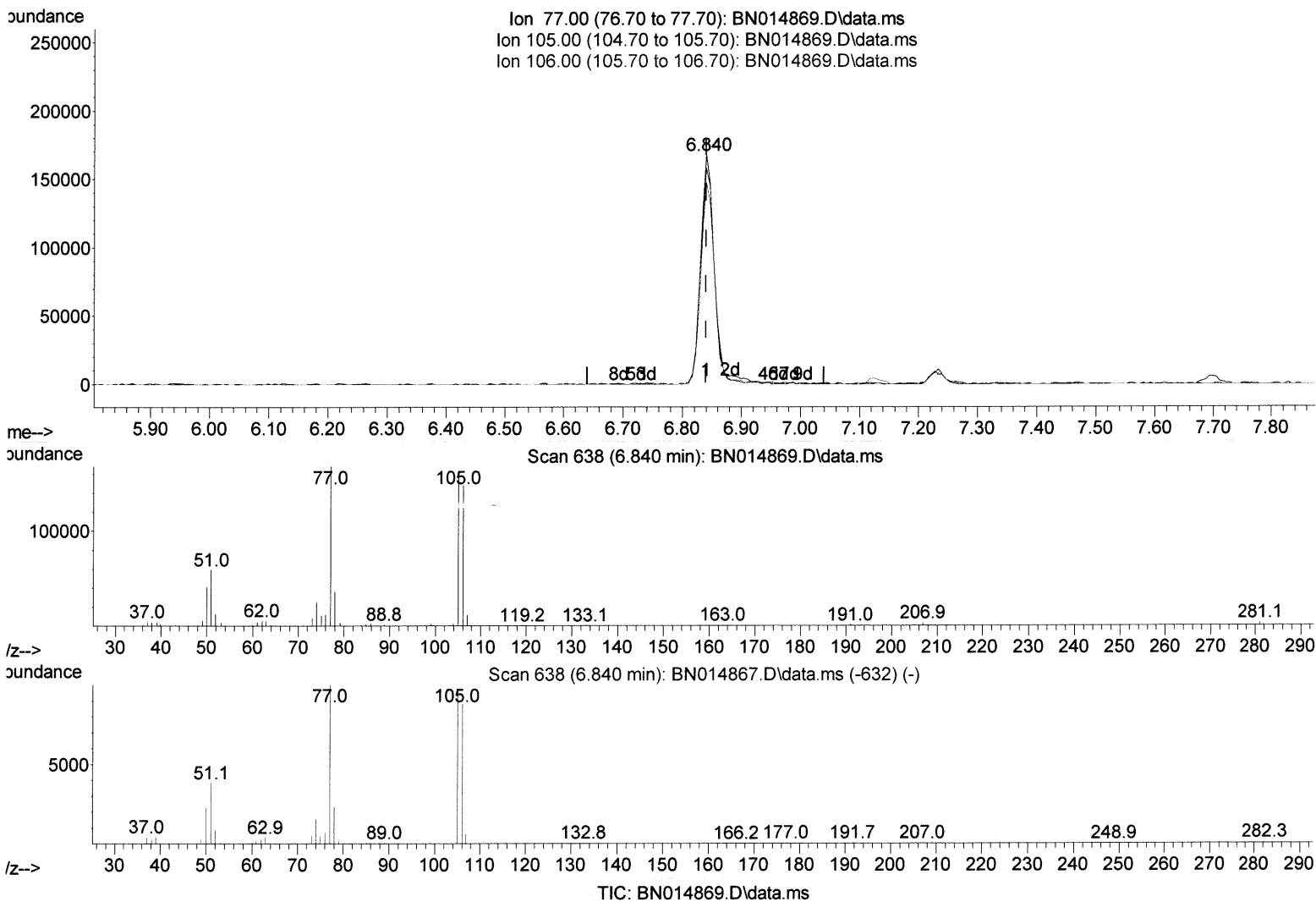
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(6) Benzaldehyde

6.840min (0.000) 34.32 ng/ul m *JU 6/16/21*

response 260742

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	90.30	94.20
106.00	87.80	88.09
0.00	0.00	0.00

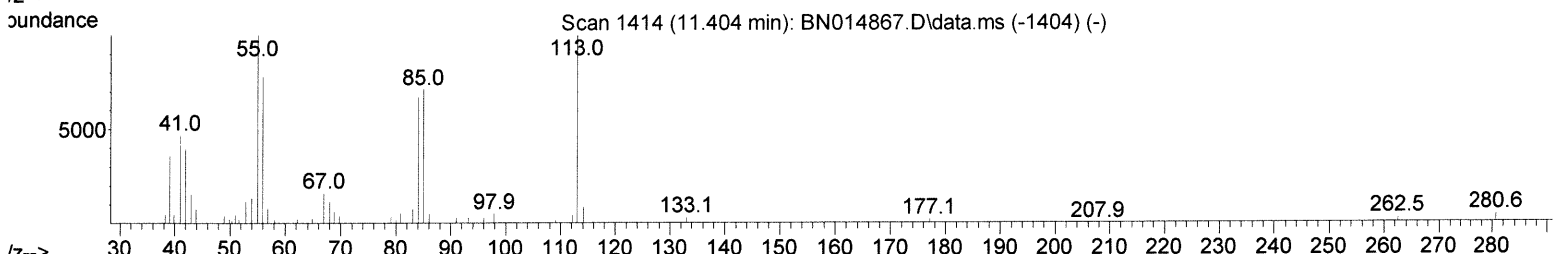
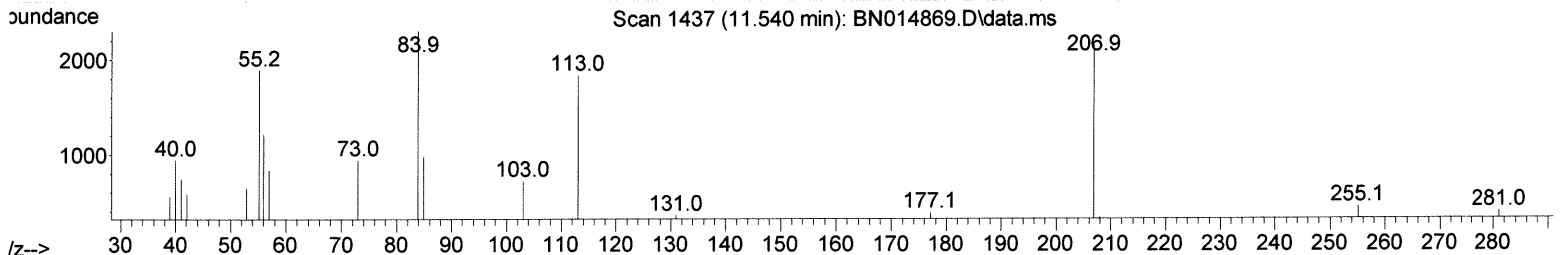
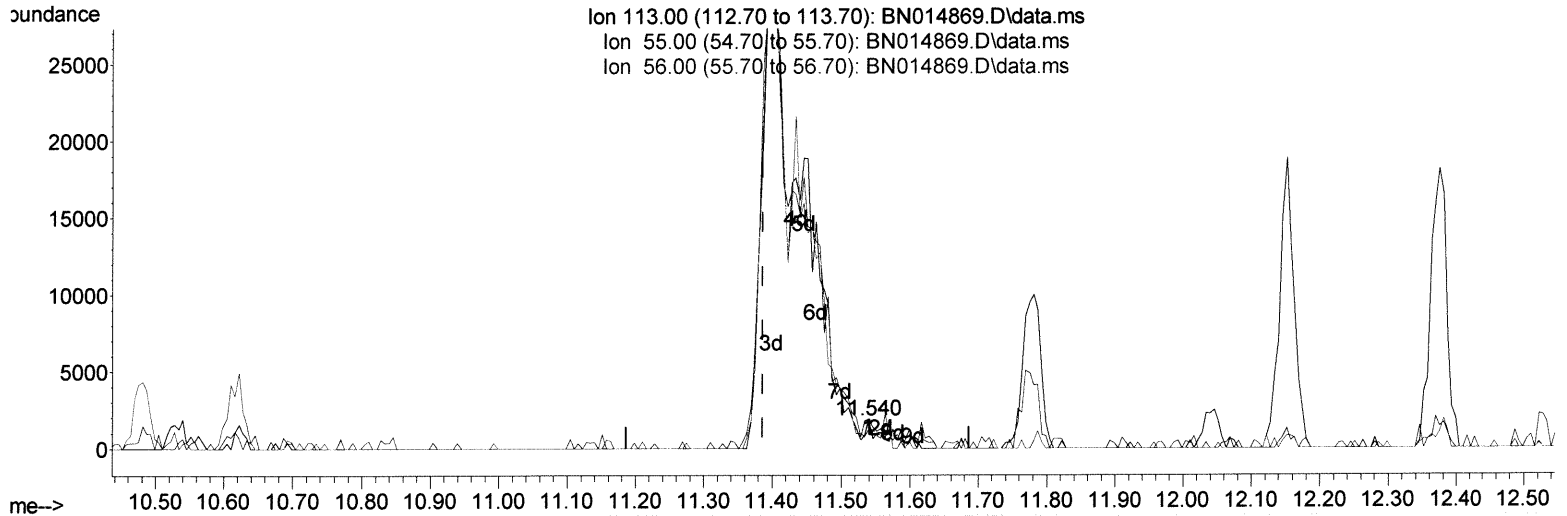
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Manual Integrations
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TIC: BN014869.D\data.ms

(34) Caprolactam

11.540min (+ 0.153) 0.17 ng/ul

response 565

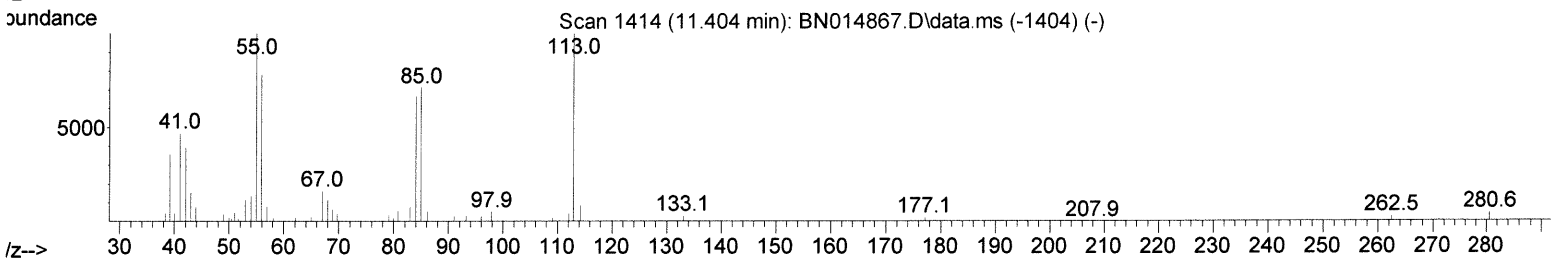
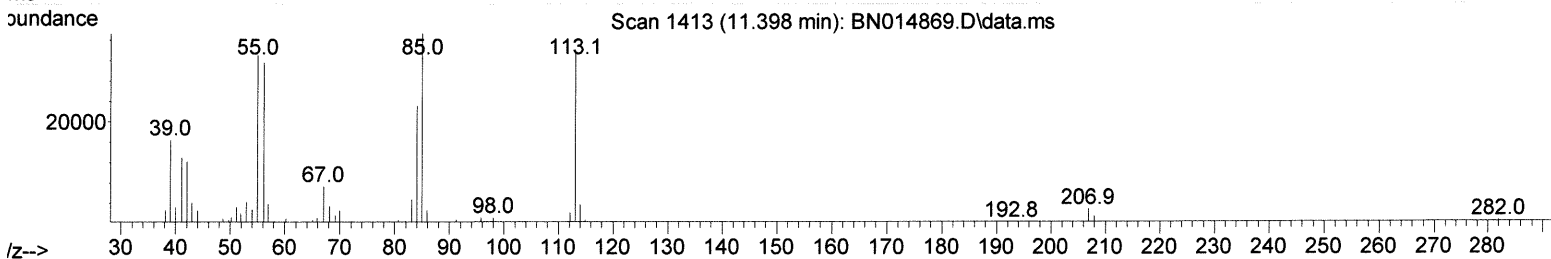
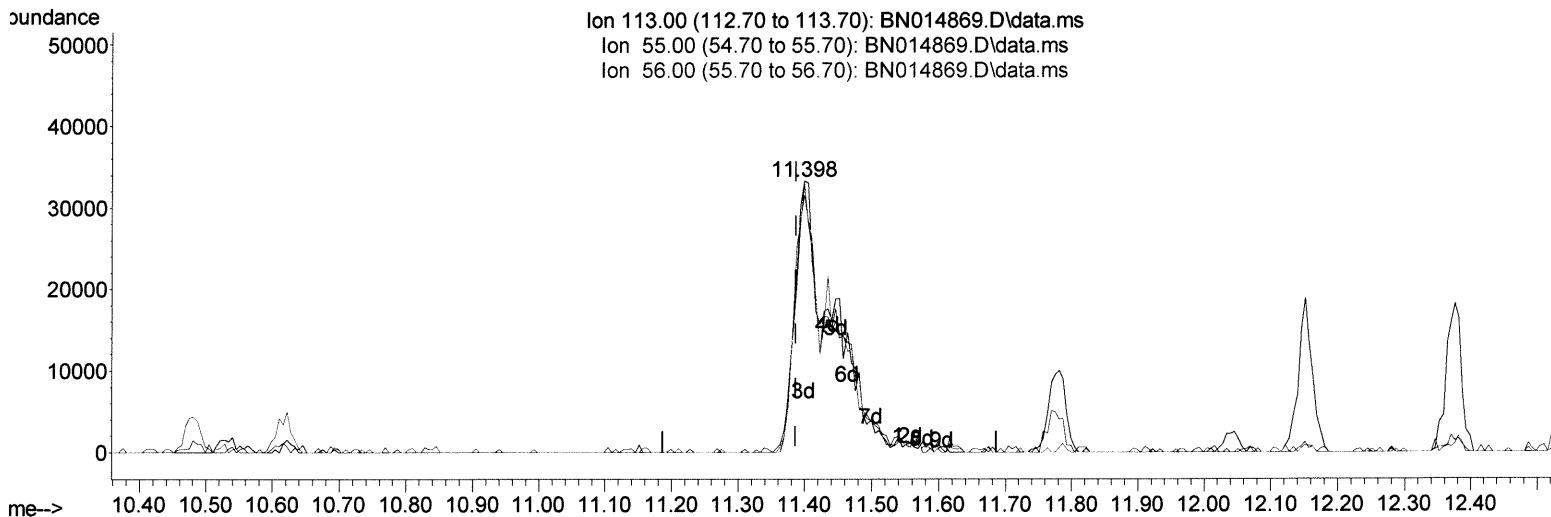
Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	103.11
56.00	73.20	66.52
0.00	0.00	0.00

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TIC: BN014869.D\data.ms

(34) Caprolactam

11.398min (+ 0.012) 38.14 ng/ul m 36 6/10/21

response 127187

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	98.99
56.00	73.20	94.92#
0.00	0.00	0.00

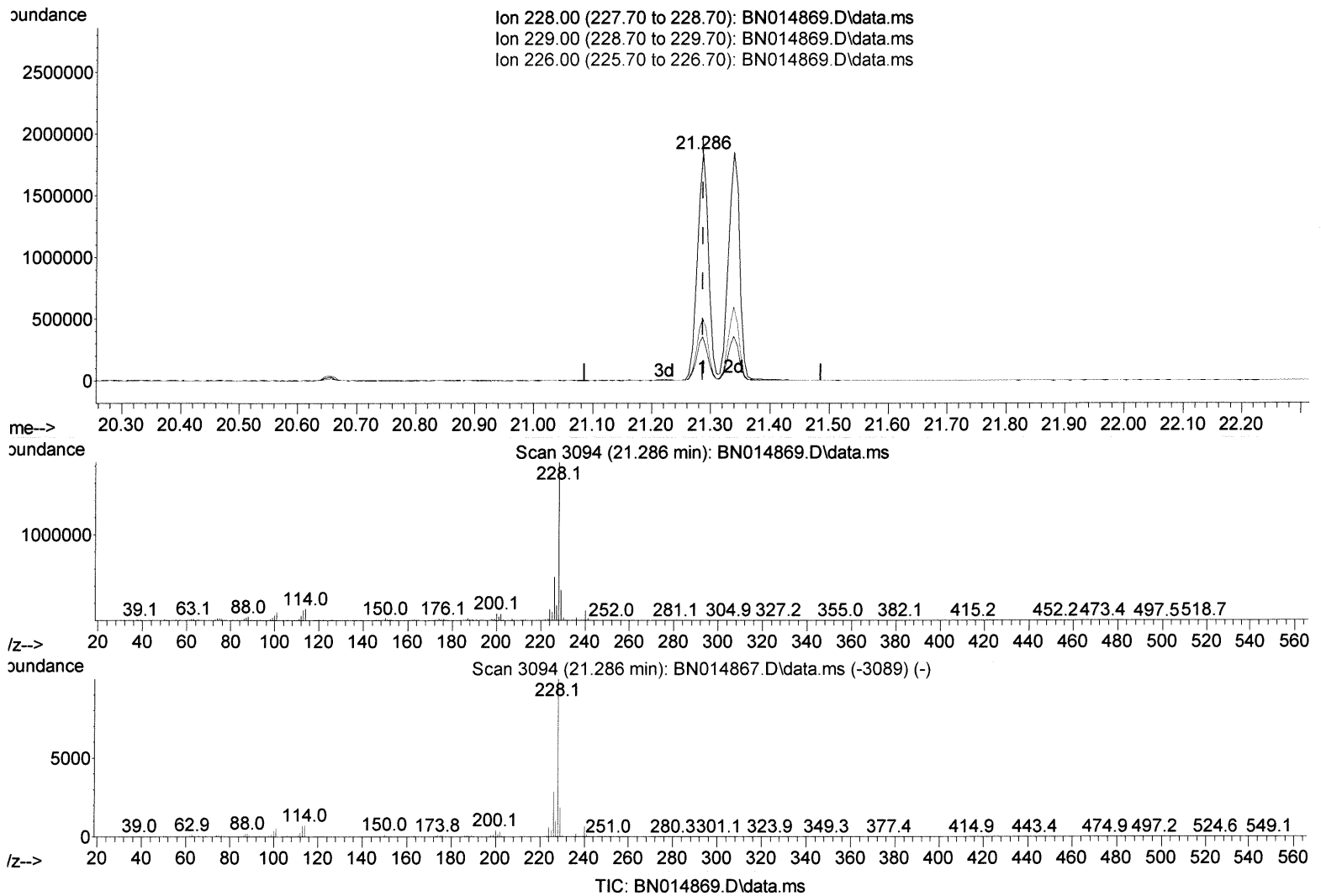
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(85) Benzo(a)anthracene

21.286min (0.000) 37.32 ng/ul

response 2349723

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.30	19.26
226.00	27.00	27.33
0.00	0.00	0.00

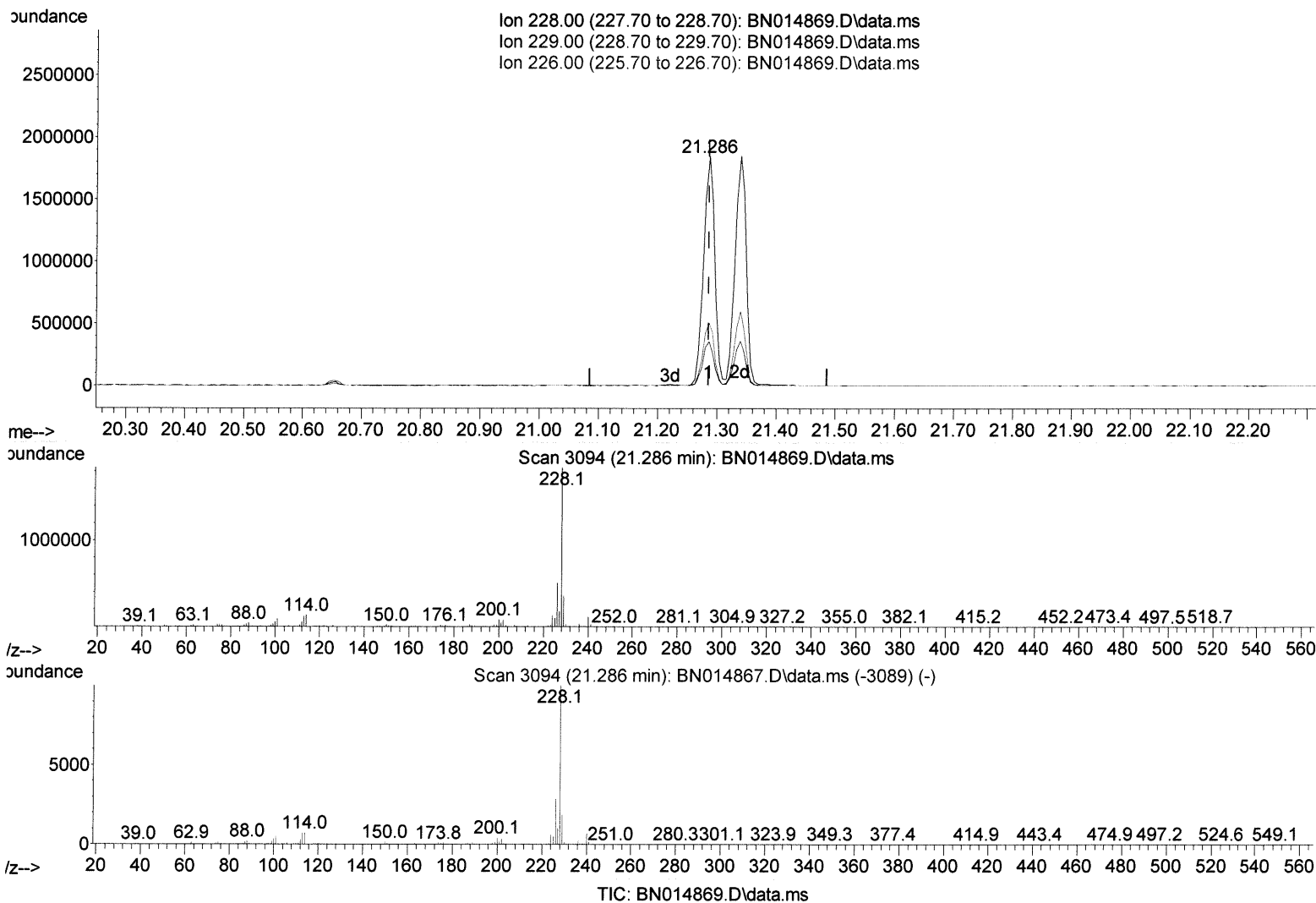
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(85) Benzo(a)anthracene

21.286min (0.000) 38.92 ng/ul m *ju 6/16/21*

response 2450399

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.30	19.26
226.00	27.00	27.33
0.00	0.00	0.00

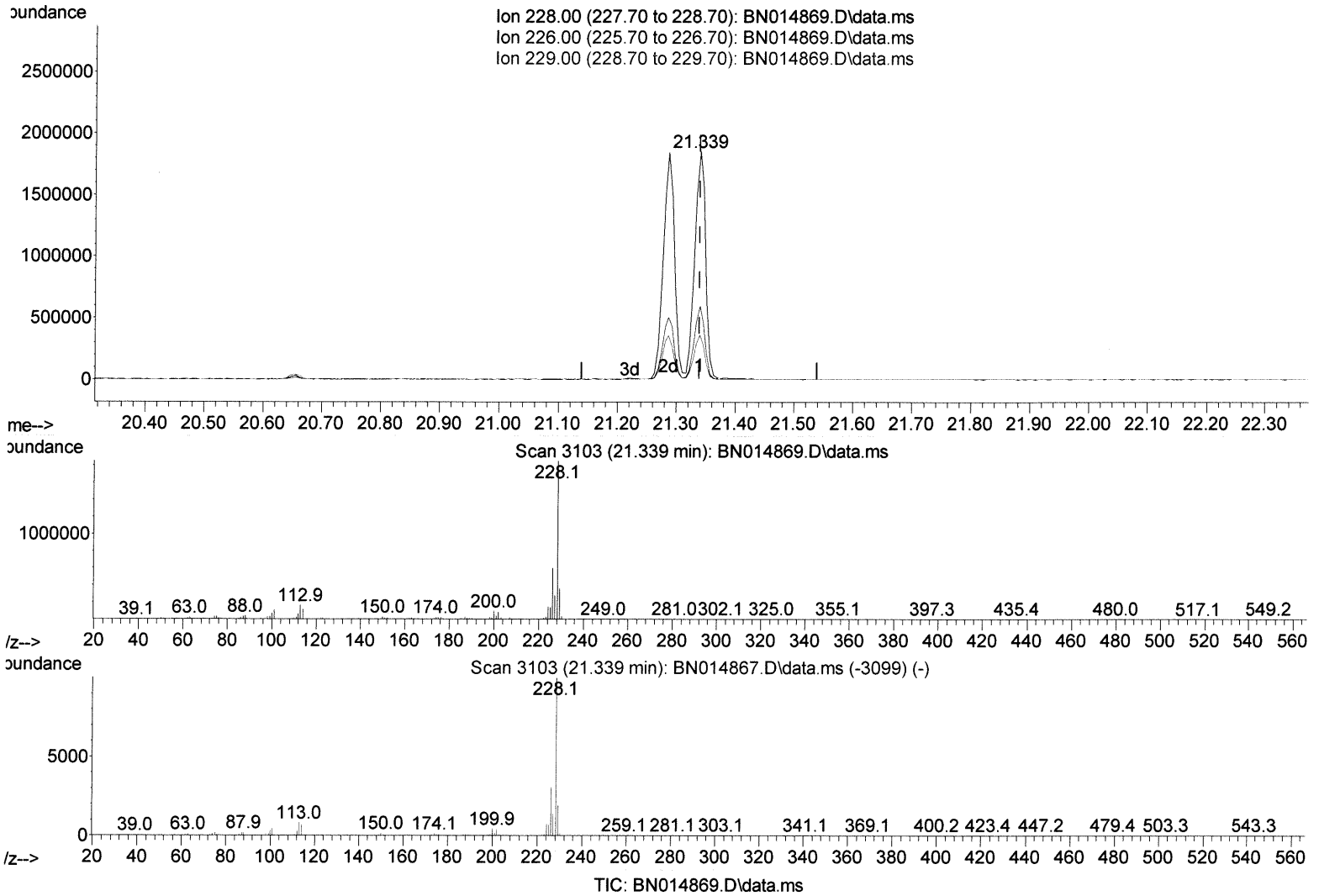
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(87) Chrysene

21.339min (0.000) 36.36 ng/ul

response 2305281

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.70	32.26
229.00	18.50	19.44
0.00	0.00	0.00

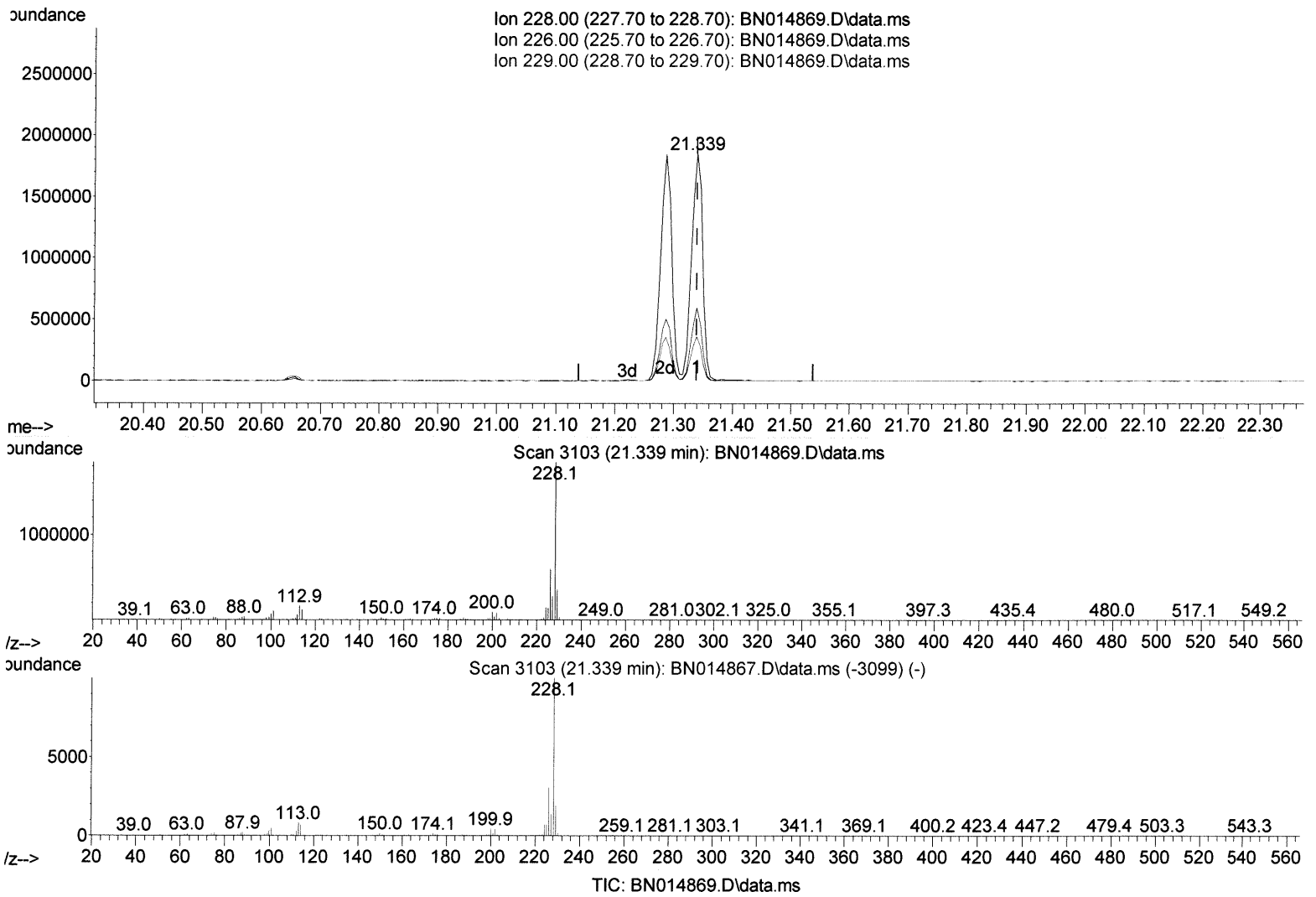
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(87) Chrysene

21.339min (0.000) 38.03 ng/ul m *JU 6/16/21*

response 2411200

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.70	32.26
229.00	18.50	19.44
0.00	0.00	0.00

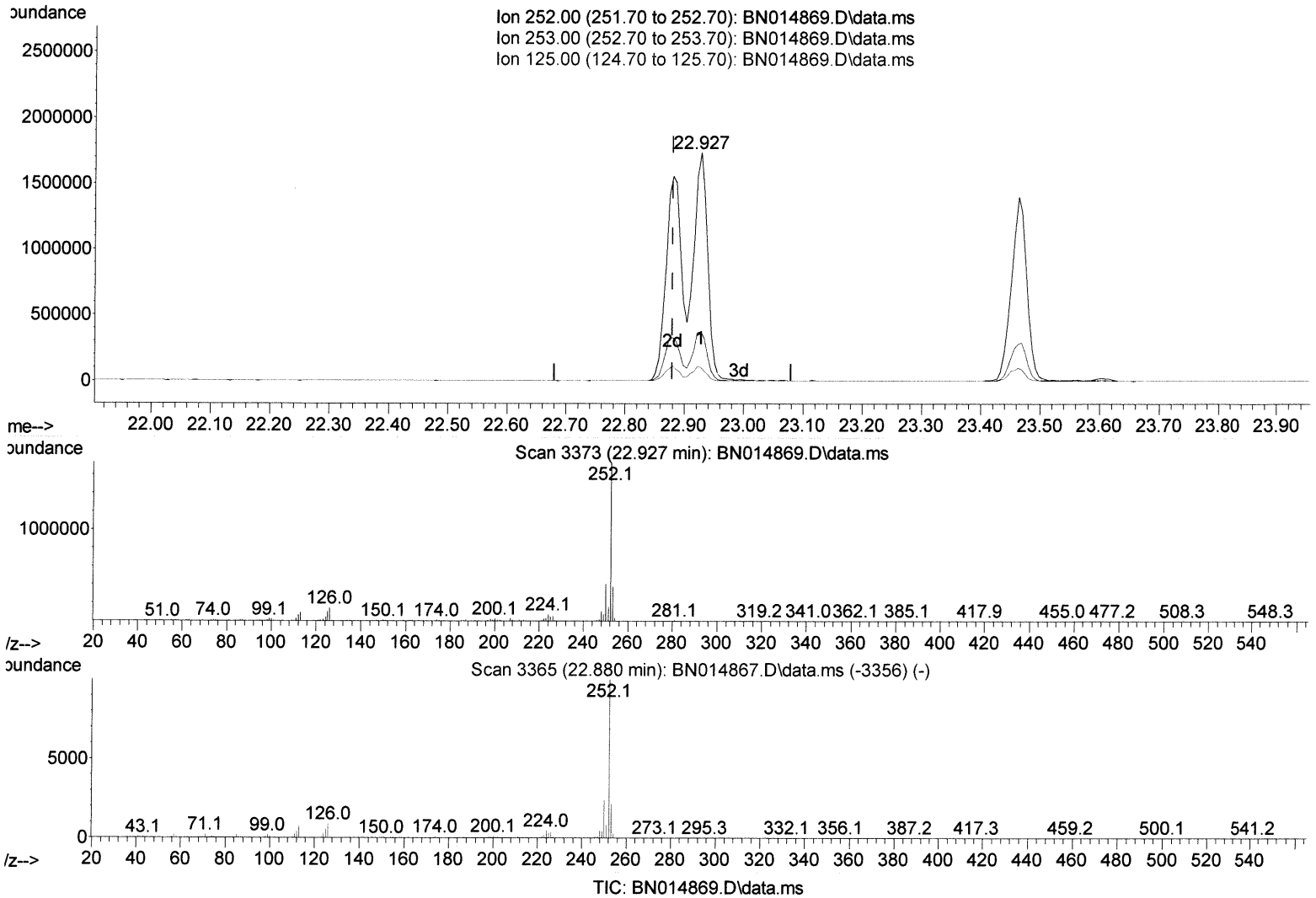
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(90) Benzo(b)fluoranthene

22.927min (+ 0.047) 28.12 ng/ul

response 1954584

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	19.80	21.64
125.00	5.40	5.93
0.00	0.00	0.00

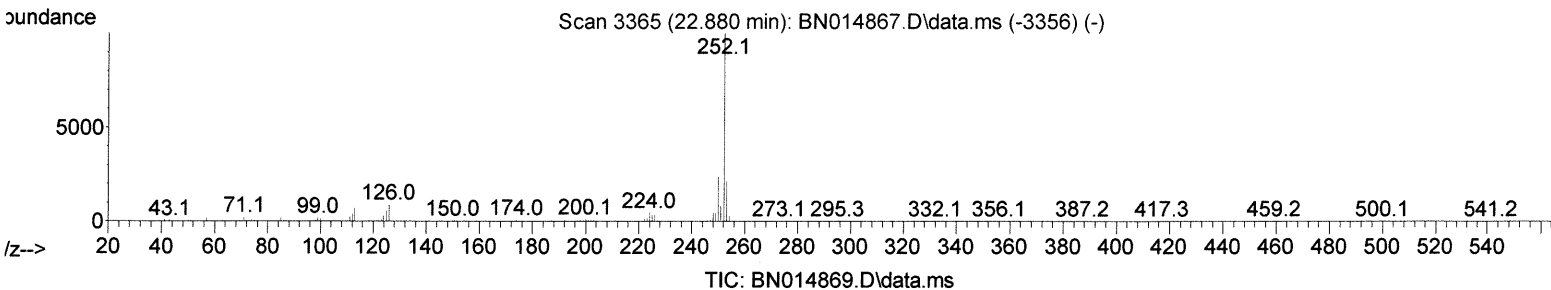
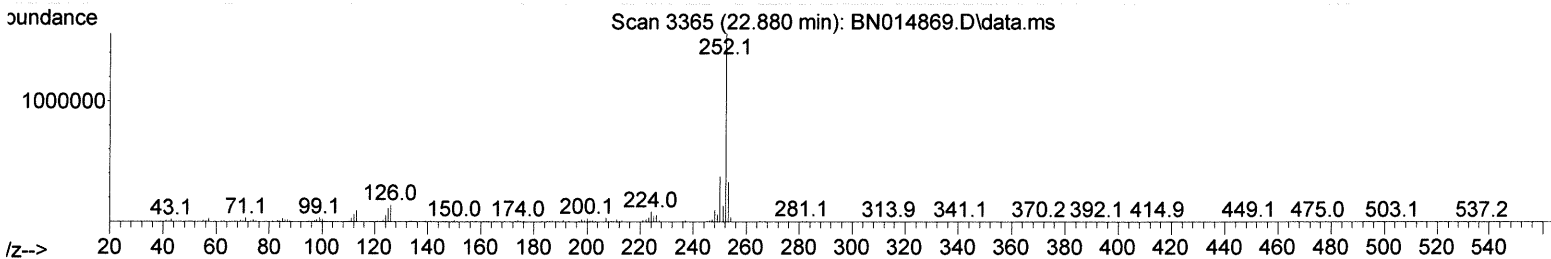
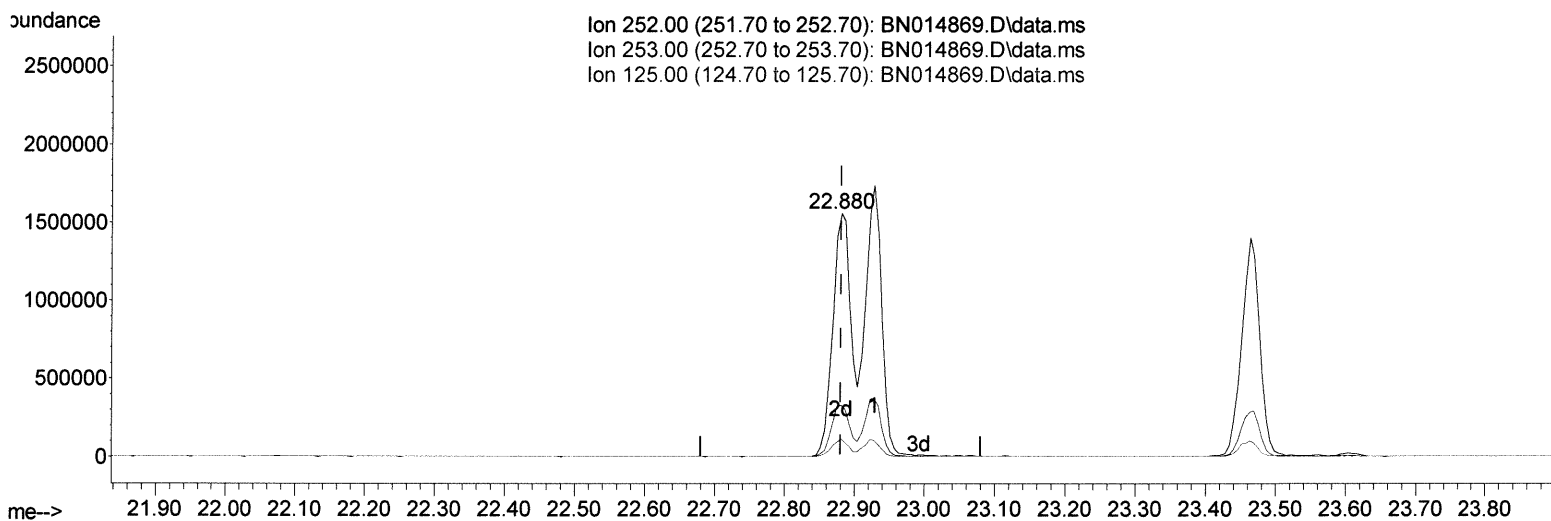
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 Response via : Initial Calibration



(90) Benzo(b)fluoranthene

22.880min (0.000) 41.28 ng/ul m *JU 6/14/21*

response 2869839

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	19.80	21.20
125.00	5.40	7.12#
0.00	0.00	0.00

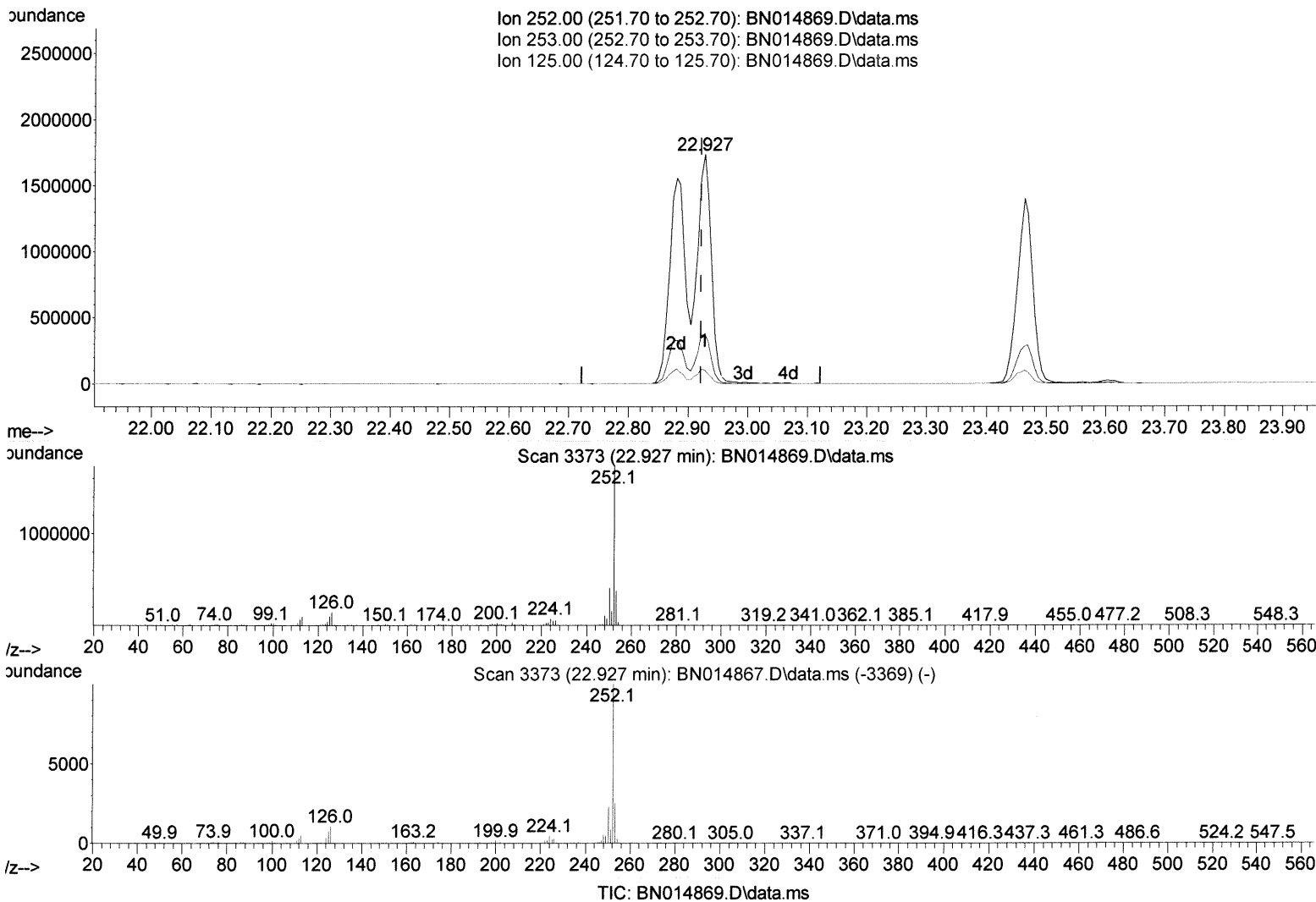
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
 Data File : BN014869.D
 Acq On : 10 Jun 2021 19:38
 Operator : CG/JU
 Sample : PB136853BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS853

Manual Integrations
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Quant Time: Jun 11 01:48:12 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
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(91) Benzo(k)fluoranthene

22.927min (+ 0.006) 28.22 ng/ul

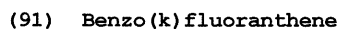
response 1954584

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	21.64
125.00	6.00	5.93
0.00	0.00	0.00

Instrument :
BNA_N
ClientSampleId :
SLCS853

Manual Integrations
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Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	21.64
125.00	6.00	5.93
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	7.693	152	144084	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	582981	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	402317	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	887479	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1010013	20.000	ng/ul	0.00
88) Perylene-d12	23.563	264	1158336	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	24363m	6.886	ng/uL	0.00
4) Pyridine-d5	3.611	84	241987m	27.157	ng/ul	0.00
7) Phenol-d5	6.869	99	502700	35.631	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	230864	32.908	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	369708	42.312	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	409545	37.336	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	194232	44.229	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	223541	47.357	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	419166	38.947	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	454613	35.829	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1367160	42.773	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	1532953	41.475	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	203090	39.997	ng/ul	0.01
60) Fluorene-d10	15.345	176	1103142	40.055	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	244730	50.417	ng/ul	0.00
73) Anthracene-d10	17.204	188	1724152	41.588	ng/ul	0.00
81) Pyrene-d10	19.504	212	2111514	44.338	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	2710296	43.927	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.246	88	49559	11.930	ng/uL	95
5) Pyridine	3.628	79	217313m	23.273	ng/ul	} → JU 6/14
6) Benzaldehyde	6.840	77	260742m	34.320	ng/ul	
8) Phenol	6.899	94	464621	32.005	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.128	93	335503	29.944	ng/ul#	94
12) 2-Chlorophenol	7.263	128	346691	37.909	ng/ul	93
13) 2-Methylphenol	8.140	108	354881	33.288	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	202350	28.628	ng/ul	92
16) Acetophenone	8.516	105	607141	33.437	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.504	70	290833	33.253	ng/ul#	95
18) 4-Methylphenol	8.469	108	387260	33.305	ng/ul	88
19) Hexachloroethane	8.769	117	168060	36.705	ng/ul	94
22) Nitrobenzene	8.893	77	445883	32.533	ng/ul#	93
23) Isophorone	9.410	82	843373	32.406	ng/ul	97
25) 2-Nitrophenol	9.599	139	206548	41.176	ng/ul	91
26) 2,4-Dimethylphenol	9.663	107	400695	25.949	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.899	93	465277	29.423	ng/ul#	98
29) 2,4-Dichlorophenol	10.134	162	377198	36.543	ng/ul	91
30) Naphthalene	10.528	128	1120166	35.351	ng/ul	99
32) 4-Chloroaniline	10.640	127	416012	30.807	ng/ul	99
33) Hexachlorobutadiene	10.822	225	320549	34.731	ng/ul	97
34) Caprolactam	11.398	113	127187m	38.138	ng/ul	} → JU 6/14/21
35) 4-Chloro-3-methylphenol	11.775	107	513981	34.362	ng/ul	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.151	142	818718	34.663	ng/ul	100
37) 1-Methylnaphthalene	12.375	142	799159	34.414	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	532290	34.992	ng/ul	96
40) Hexachlorocyclopentadiene	12.504	237	245662	24.378	ng/ul	96
41) 2,4,6-Trichlorophenol	12.769	196	340902	39.909	ng/ul	98
42) 2,4,5-Trichlorophenol	12.845	196	370891	39.786	ng/ul	98
43) 1,1'-Biphenyl	13.175	154	1077639	37.444	ng/ul	97
44) 2-Chloronaphthalene	13.216	162	895420	38.828	ng/ul	99
45) 2-Nitroaniline	13.422	65	273308	38.911	ng/ul	97
47) Dimethylphthalate	13.810	163	1205729	38.139	ng/ul	97
48) 2,6-Dinitrotoluene	13.928	165	249151	42.410	ng/ul	91
50) Acenaphthylene	14.069	152	1259035	37.049	ng/ul	99
51) 3-Nitroaniline	14.257	138	225989	39.644	ng/ul#	76
52) Acenaphthene	14.416	153	946313	38.432	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	127362	29.860	ng/ul	96
55) 4-Nitrophenol	14.575	109	273359	28.082	ng/ul	96
56) Dibenzofuran	14.751	168	1381178	37.707	ng/ul#	86
57) 2,4-Dinitrotoluene	14.716	165	394622	42.149	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.981	232	350908	36.593	ng/ul#	85
59) Diethylphthalate	15.181	149	1228474	40.420	ng/ul	96
61) Fluorene	15.404	166	1043062	37.850	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.398	204	594383	36.457	ng/ul	90
63) 4-Nitroaniline	15.428	138	229657	39.662	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.486	198	215761	45.436	ng/ul#	91
67) N-Nitrosodiphenylamine	15.616	169	970153	40.585	ng/ul	95
68) 4-Bromophenyl-phenylether	16.298	248	452142	39.124	ng/ul#	87
69) Hexachlorobenzene	16.410	284	570380	39.452	ng/ul	95
70) Atrazine	16.569	200	384438	38.893	ng/ul	95
71) Pentachlorophenol	16.757	266	302500	36.342	ng/ul	98
72) Phenanthrene	17.145	178	1876671	40.470	ng/ul	97
74) Anthracene	17.239	178	1838320	39.335	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.140	216	559118	38.126	ng/ul	94
76) Pentachlorobenzene	14.669	250	568675	37.493	ng/ul	96
77) Carbazole	17.510	167	1609804	40.870	ng/ul	97
78) Di-n-butylphthalate	18.080	149	2080914	44.835	ng/ul#	96
80) Fluoranthene	19.169	202	2345897	41.774	ng/ul	97
82) Pyrene	19.533	202	2419794	41.901	ng/ul	97
83) Butylbenzylphthalate	20.439	149	991908	51.117	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.221	252	796965	41.852	ng/ul	94
85) Benzo(a)anthracene	21.286	228	2450399m	38.921	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.227	149	1347331	48.170	ng/ul	98
87) Chrysene	21.339	228	2411200m	38.030	ng/ul	98
89) Di-n-octyl phthalate	22.110	149	2705710	52.797	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	2869839m	41.283	ng/ul	94
91) Benzo(k)fluoranthene	22.927	252	2759472m	39.842	ng/ul	94
93) Benzo(a)pyrene	23.463	252	2519532	40.049	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.839	276	3356121	38.935	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.857	278	2860979	40.106	ng/ul	99
96) Benzo(g,h,i)perylene	26.539	276	3194845	41.879	ng/ul	95

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

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