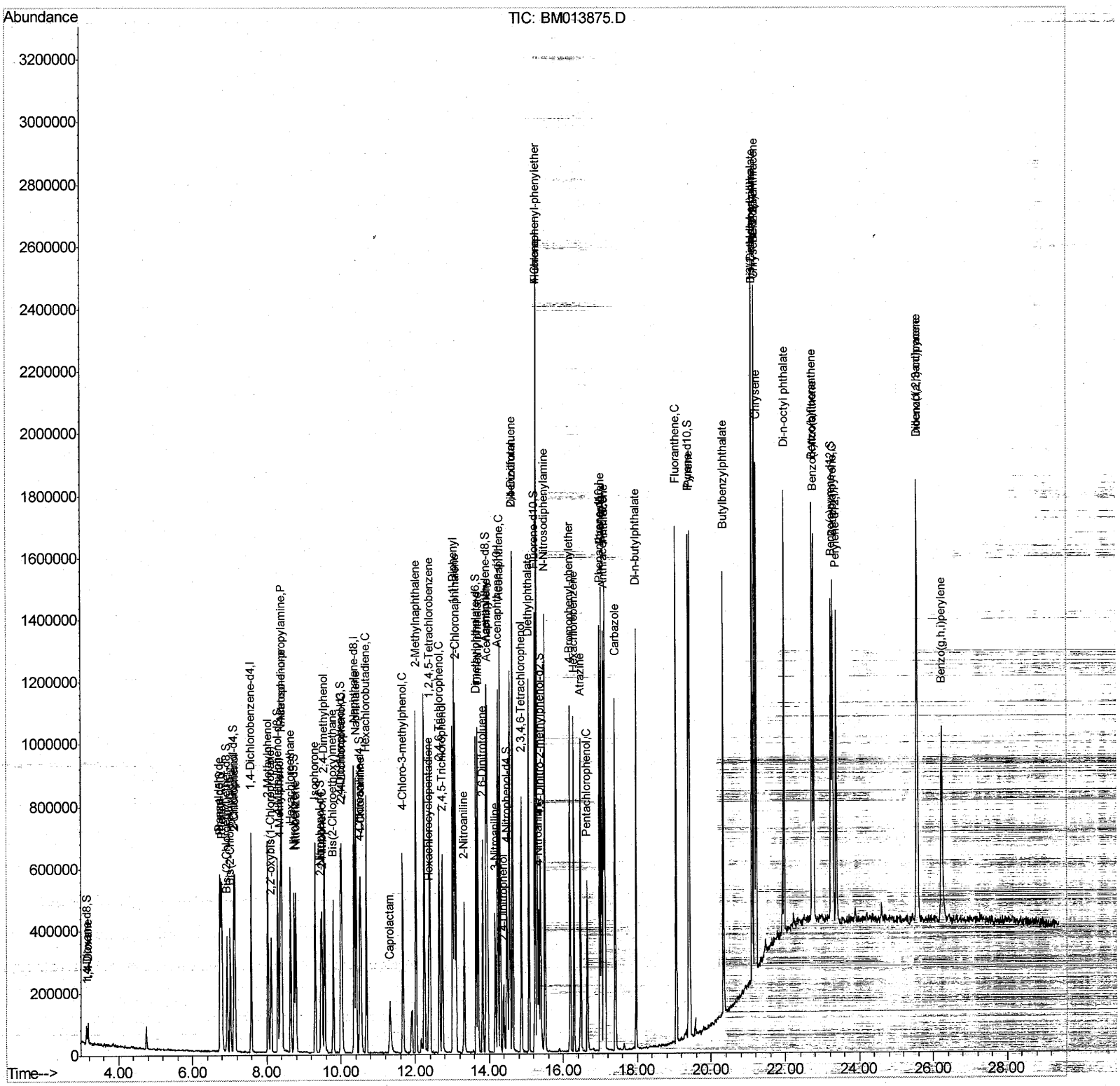
Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013875.D
Acq On : 27 Jan 2018 09:44
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 27 22:54:01 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02048

Manual Integrations APPROVED
Sohil
1/29/2018 7:21:32 PM

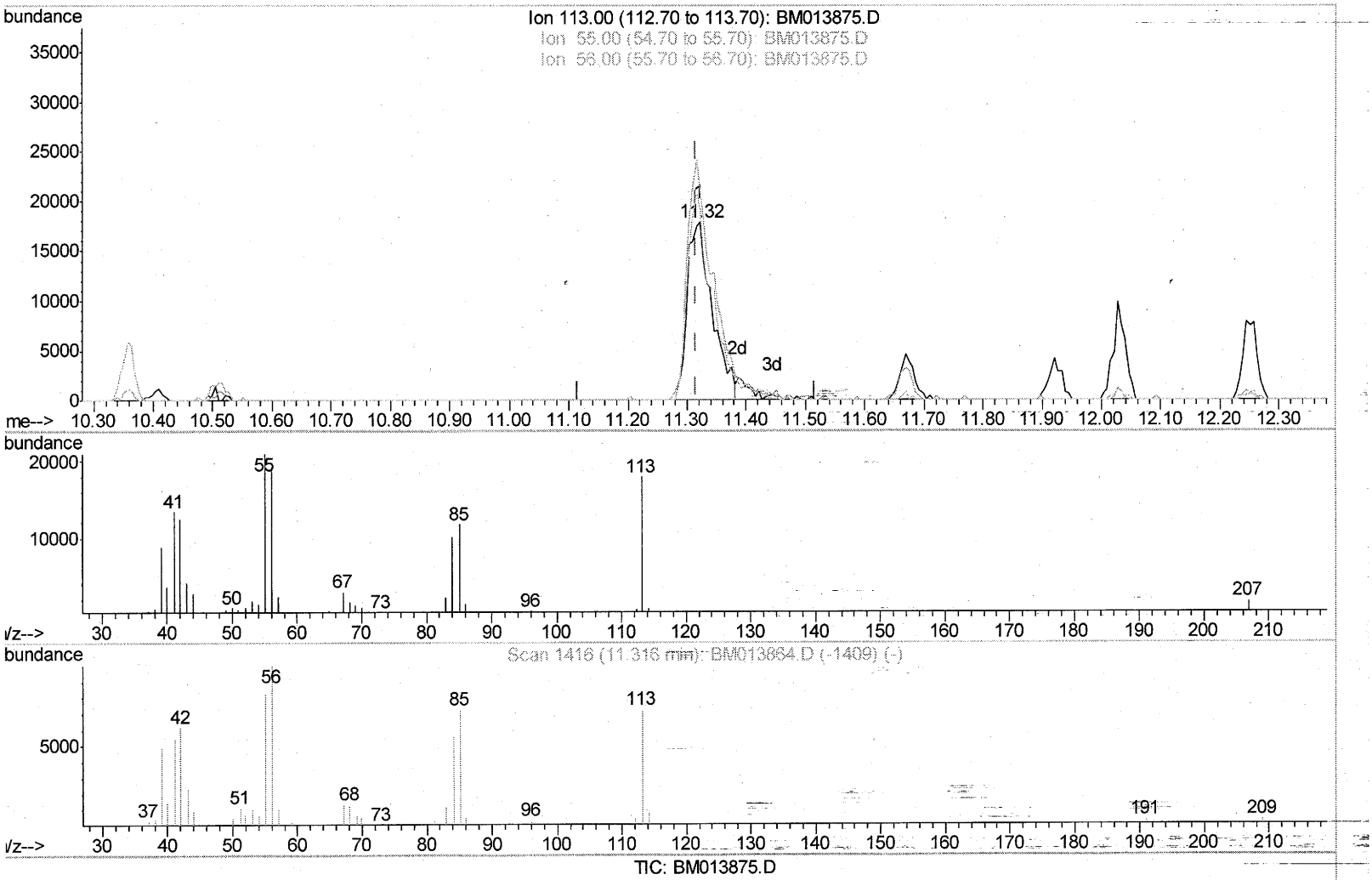


Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013875.D
Acq On : 27 Jan 2018 09:44
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 27 20:54:56 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02048

Manual Integrations APPROVED
Sohil
1/29/2018 7:21:32 PM



TIC: BM013875.D

(32) Caprolactam

11.322min (+0.006) 18.15ng/ul

response 52784

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	116.77#
56.00	200.00	107.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013875.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 27 20:54:56 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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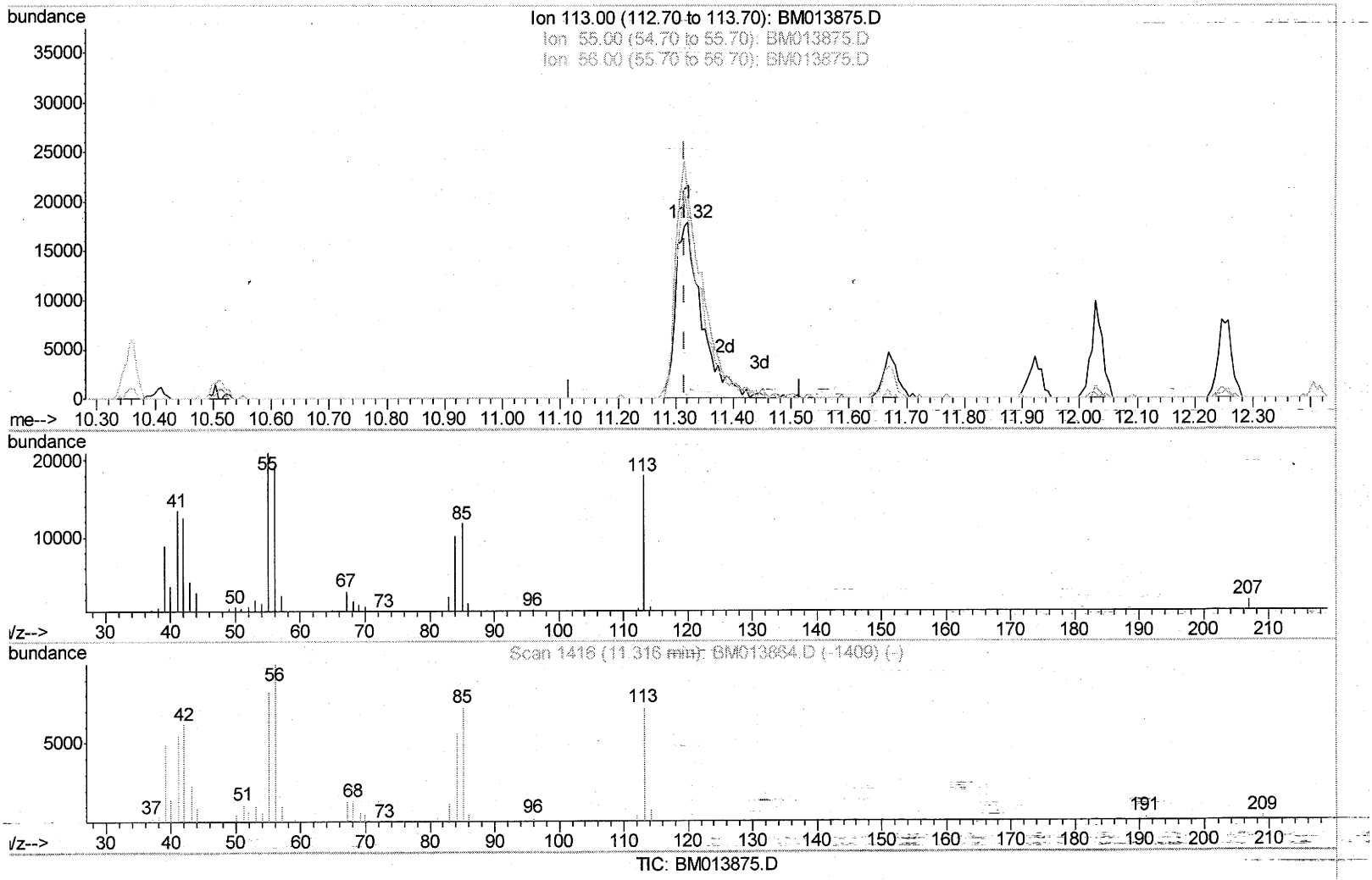
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02048

Manual Integrations APPROVED
Sohil
1/29/2018 7:21:32 PM



TIC: BM013875.D

(32) Caprolactam

11.322min (+0.006) 19.30ng/ul m JJU 1/29/18

response 56122

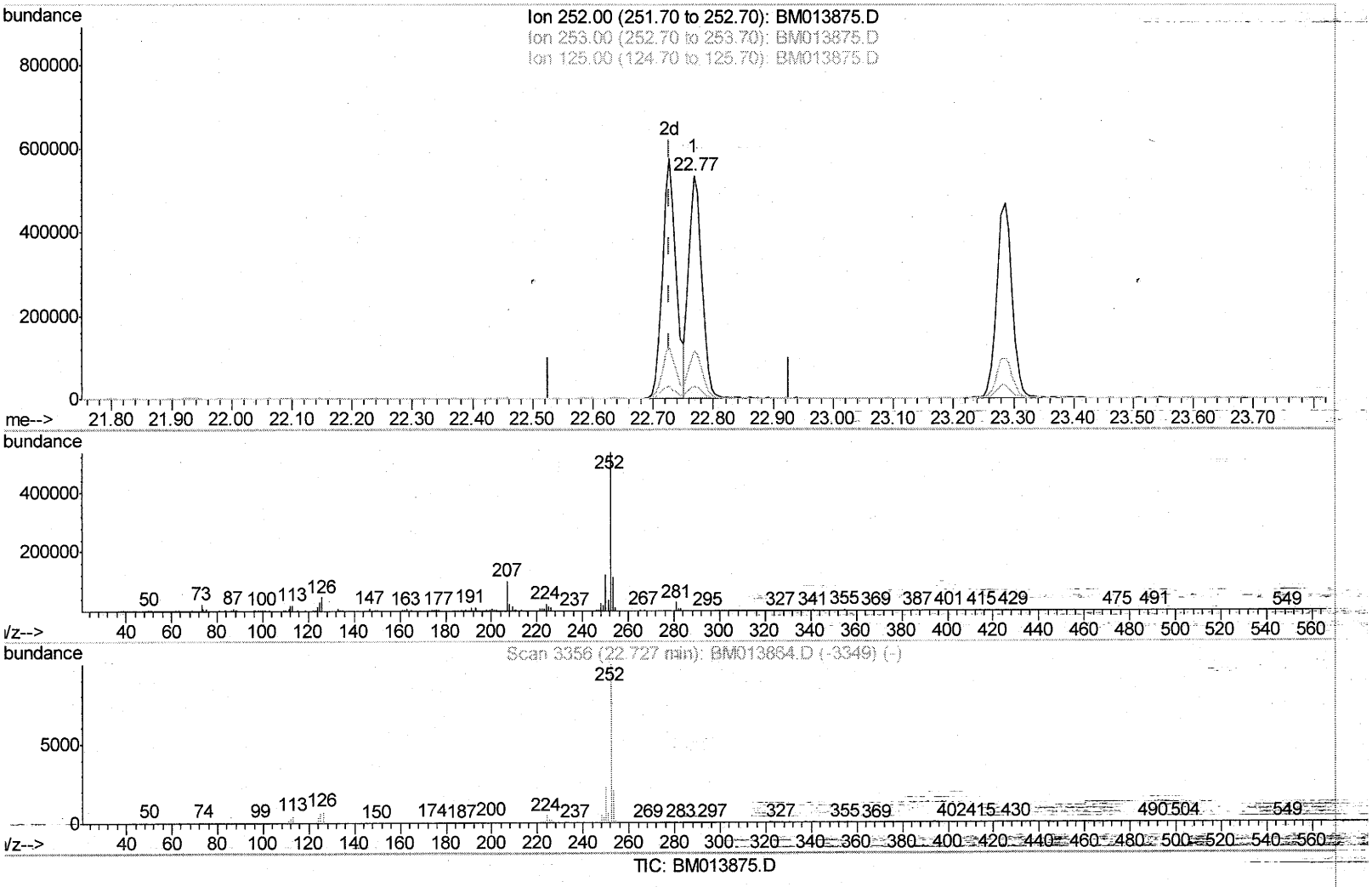
Ion	Exp%	Act%
113.00	100	100
55.00	260.00	116.77#
56.00	200.00	107.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013875.D
Acq On : 27 Jan 2018 09:44
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 27 20:54:56 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02048

Manual Integrations APPROVED
Sohil
1/29/2018 7:21:32 PM



TIC: BM013875.D

(85) Benzo(b)fluoranthene

22.768min (+0.041) 18.61ng/ul

response 808141

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	21.35
125.00	4.50	5.39
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013875.D
Acq On : 27 Jan 2018 09:44
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 27 20:54:56 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
Sohil
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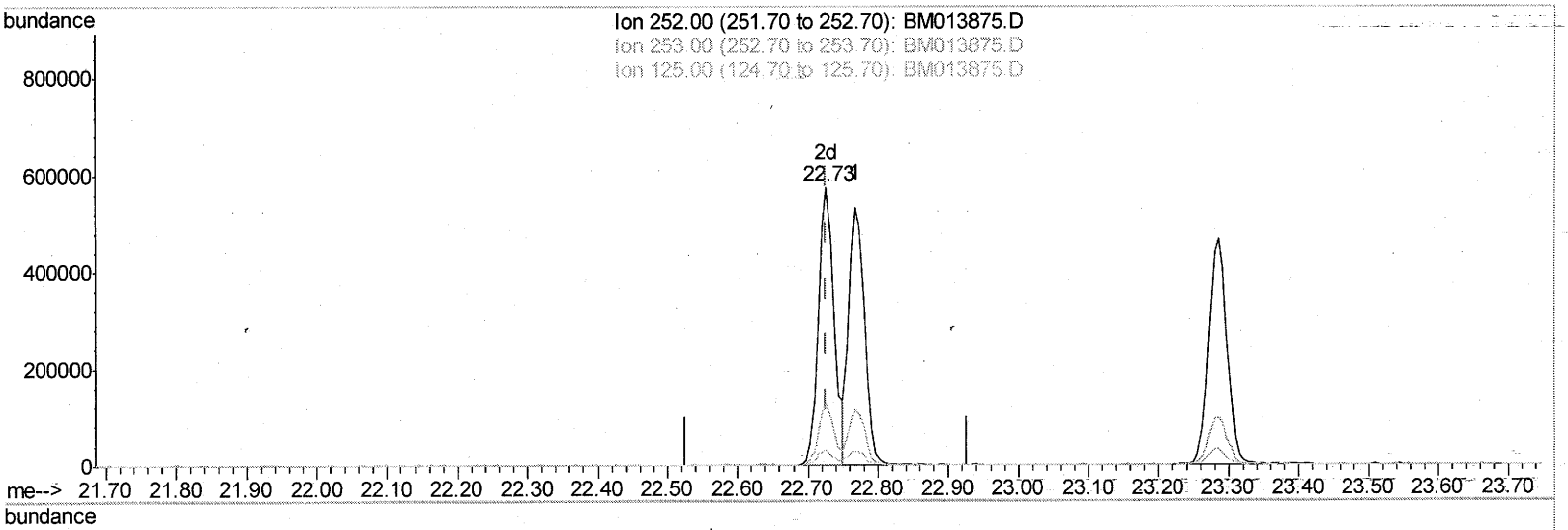

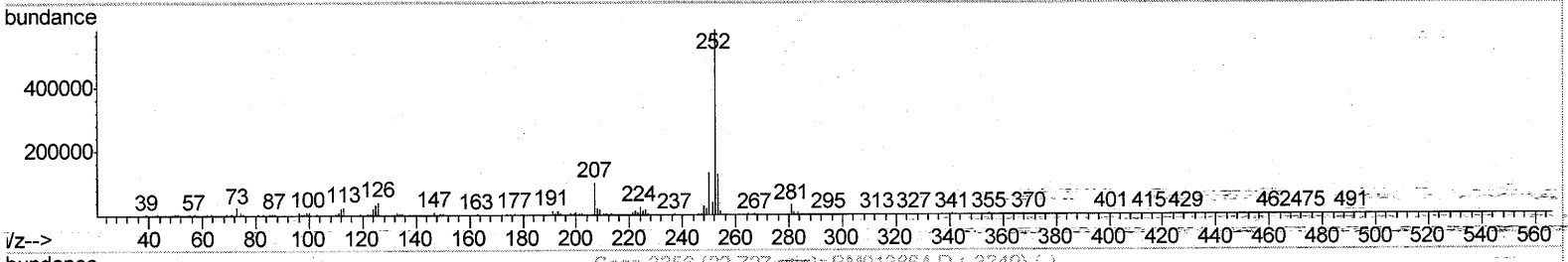

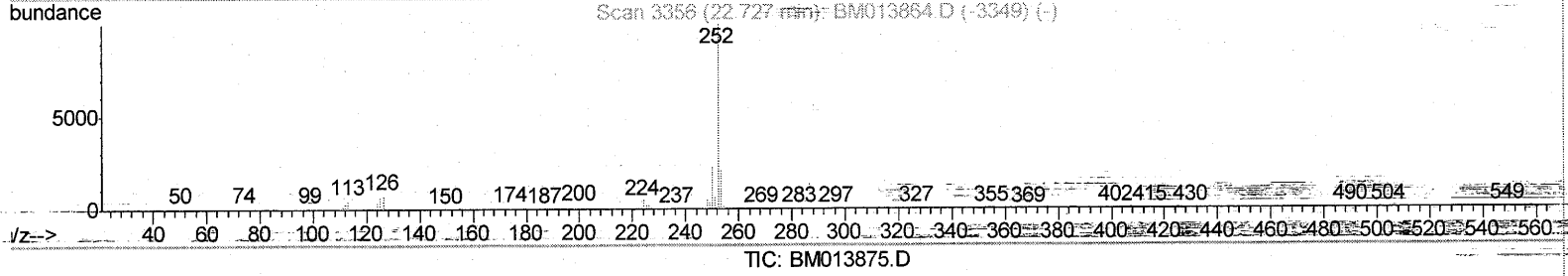

TIC: BM013875.D

(85) Benzo(b)fluoranthene

22.727min (+0.000) 20.91ng/ul m 1/29/18

response 908319

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	21.94
125.00	4.50	5.57#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM012618\
Data File : BM013875.D
Acq On : 27 Jan 2018 09:44
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
Sohil
1/29/2018 7:21:32 PM

Quant Time: Jan 27 22:54:01 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	175756	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	684754	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	388247	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	781474	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	726772	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	707274	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	22849	5.14	ng/uL	0.00
5) Phenol-d5	6.77	99	259483	19.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	150815	18.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	219892	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	207697	20.02	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	106604	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	116714	20.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	224417	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	236809	25.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	628609	19.65	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	799093	19.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	79213	15.23	ng/ul	0.00
57) Fluorene-d10	15.23	176	542186	19.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	93178	19.81	ng/ul	0.00
70) Anthracene-d10	17.09	188	787139	20.68	ng/ul	0.00
76) Pyrene-d10	19.39	212	792135	23.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	661839	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	28182	5.785	ng/uL#	61
4) Benzaldehyde	6.75	77	183680	19.671	ng/ul	92
6) Phenol	6.80	94	259873	19.203	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.02	93	204391	19.301	ng/ul	98
10) 2-Chlorophenol	7.15	128	219186	20.003	ng/ul	99
11) 2-Methylphenol	8.03	108	198355	19.884	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.12	45	193065	17.918	ng/ul#	74
14) Acetophenone	8.41	105	325673	18.974	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.39	70	162160	19.365	ng/ul#	70
16) 4-Methylphenol	8.36	108	210777	19.760	ng/ul	91
17) Hexachloroethane	8.65	117	101407	19.012	ng/ul	81
20) Nitrobenzene	8.78	77	262412	19.118	ng/ul	92
21) Isophorone	9.30	82	431418	19.453	ng/ul	96
23) 2-Nitrophenol	9.49	139	120574	20.607	ng/ul#	86
24) 2,4-Dimethylphenol	9.55	107	250724	20.325	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.79	93	255776	18.918	ng/ul	96
27) 2,4-Dichlorophenol	10.02	162	215177	20.586	ng/ul	92
28) Naphthalene	10.41	128	682106	20.023	ng/ul	99
30) 4-Chloroaniline	10.53	127	235793	25.270	ng/ul	97
31) Hexachlorobutadiene	10.69	225	172008	20.047	ng/ul	96
32) Caprolactam	11.32	113	56122m>	19.300	ng/ul	89
33) 4-Chloro-3-methylphenol	11.67	107	217586	20.534	ng/ul	89
34) 2-Methylnaphthalene	12.03	142	499575	19.669	ng/ul	93

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02048

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	294668	20.483	ng/ul	96
37) Hexachlorocyclopentadiene	12.37	237	99460	16.653	ng/ul	96
38) 2,4,6-Trichlorophenol	12.66	196	179569	21.564	ng/ul	97
39) 2,4,5-Trichlorophenol	12.74	196	185090	21.361	ng/ul	97
40) 1,1'-Biphenyl	13.06	154	657734	20.352	ng/ul	98
41) 2-Chloronaphthalene	13.10	162	523870	20.737	ng/ul	97
42) 2-Nitroaniline	13.32	65	134528	19.304	ng/ul	98
44) Dimethylphthalate	13.70	163	613810	19.510	ng/ul	98
45) 2,6-Dinitrotoluene	13.83	165	122550	20.101	ng/ul#	92
47) Acenaphthylene	13.96	152	735510	19.700	ng/ul	98
48) 3-Nitroaniline	14.16	138	99427	20.736	ng/ul	93
49) Acenaphthene	14.30	153	508988	19.685	ng/ul	99
50) 2,4-Dinitrophenol	14.38	184	52425	15.000	ng/ul	92
52) 4-Nitrophenol	14.49	109	89845	17.008	ng/ul#	70
53) Dibenzofuran	14.64	168	737165	18.951	ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	174250	19.606	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.87	232	156084	19.151	ng/ul	90
56) Diethylphthalate	15.07	149	592400	18.710	ng/ul	93
58) Fluorene	15.29	166	601838	18.888	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.29	204	324192	18.829	ng/ul	97
60) 4-Nitroaniline	15.33	138	93940	16.745	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.39	198	97857	19.709	ng/ul	99
64) N-Nitrosodiphenylamine	15.51	169	499592	21.736	ng/ul	96
65) 4-Bromophenyl-phenylether	16.19	248	194312	21.052	ng/ul	98
66) Hexachlorobenzene	16.29	284	201110	20.242	ng/ul#	85
67) Atrazine	16.47	200	185982	20.274	ng/ul	94
68) Pentachlorophenol	16.64	266	100881	19.108	ng/ul	92
69) Phenanthrene	17.03	178	877503	20.201	ng/ul	98
71) Anthracene	17.12	178	905350	20.206	ng/ul	99
72) Carbazole	17.40	167	711106	19.227	ng/ul	98
73) Di-n-butylphthalate	17.97	149	872152	20.051	ng/ul	98
74) Fluoranthene	19.06	202	969728	18.702	ng/ul#	92
77) Pyrene	19.42	202	1007364	22.800	ng/ul#	95
78) Butylbenzylphthalate	20.33	149	367505	23.613	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.12	252	292230	24.306	ng/ul#	98
80) Benzo(a)anthracene	21.17	228	925520	21.075	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.12	149	522758	22.387	ng/ul#	97
82) Chrysene	21.23	228	830771	20.621	ng/ul	98
84) Di-n-octyl phthalate	21.98	149	832513	19.532	ng/ul	98
85) Benzo(b)fluoranthene	22.73	252	908319m	20.912	ng/ul	99
86) Benzo(k)fluoranthene	22.77	252	808141	19.249	ng/ul#	99
88) Benzo(a)pyrene	23.29	252	828058	20.181	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.57	276	964044	19.903	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.57	278	825188	20.175	ng/ul#	98
91) Benzo(g,h,i)perylene	26.23	276	820285	20.577	ng/ul	99

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