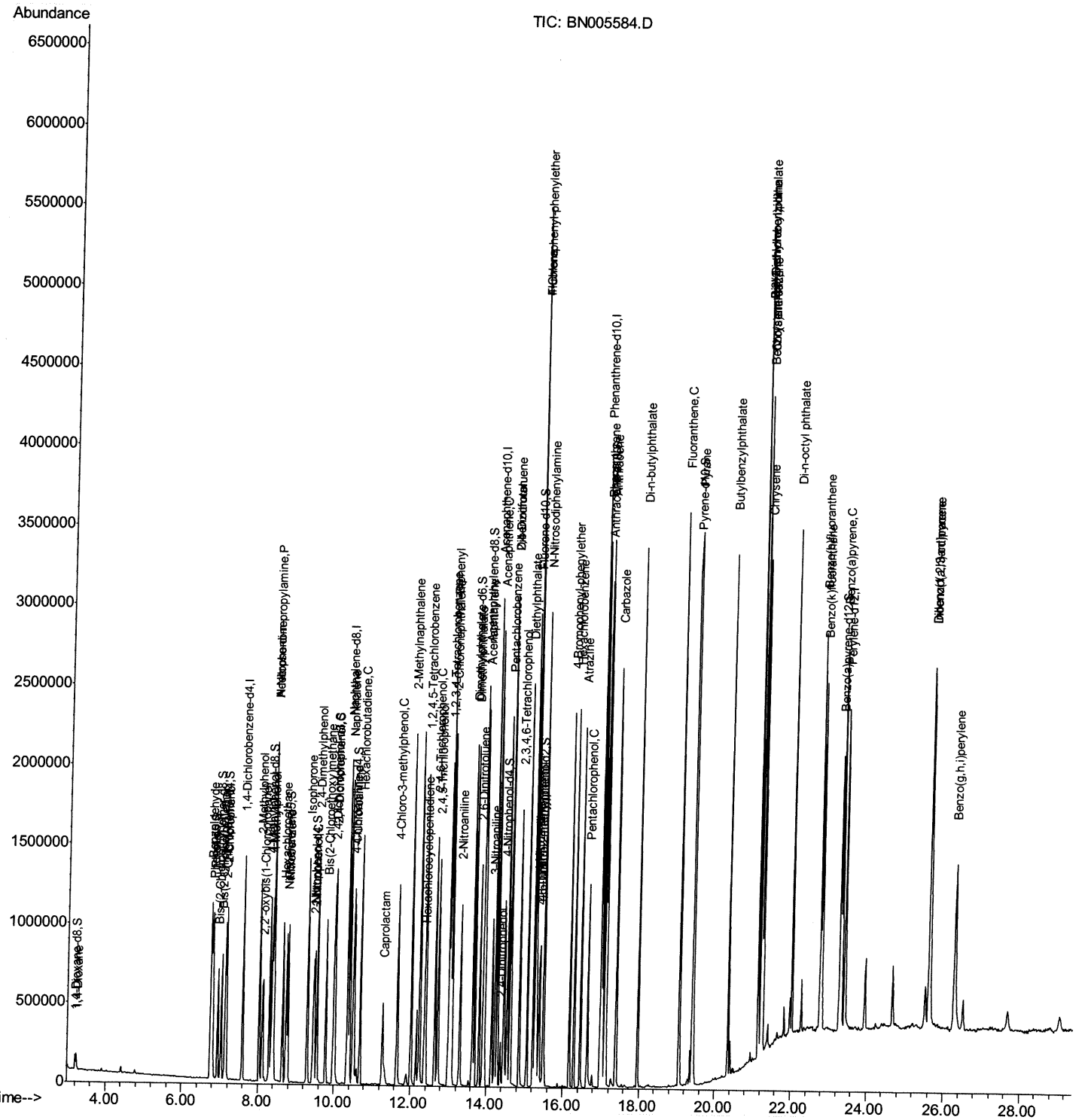
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005584.D
Acq On : 10 May 2019 02:19
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 10 04:21:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02005

Manual Integrations APPROVED
Sohil
5/10/2019 1:19:48 PM



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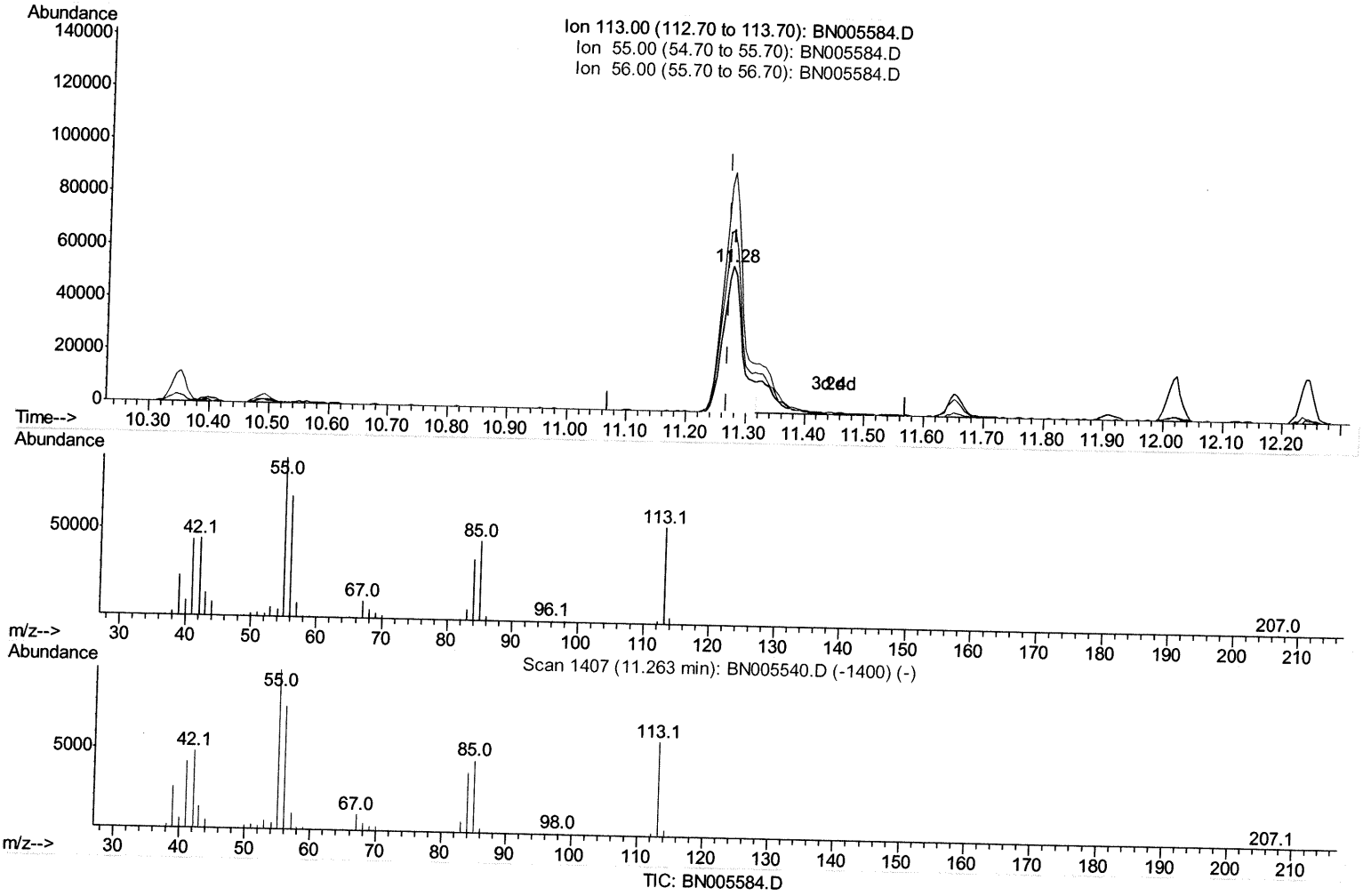

(32) Caprolactam

11.275min (+0.006) 17.78ng/ul

response 125915

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	164.45
56.00	148.90	124.72
0.00	0.00	0.00

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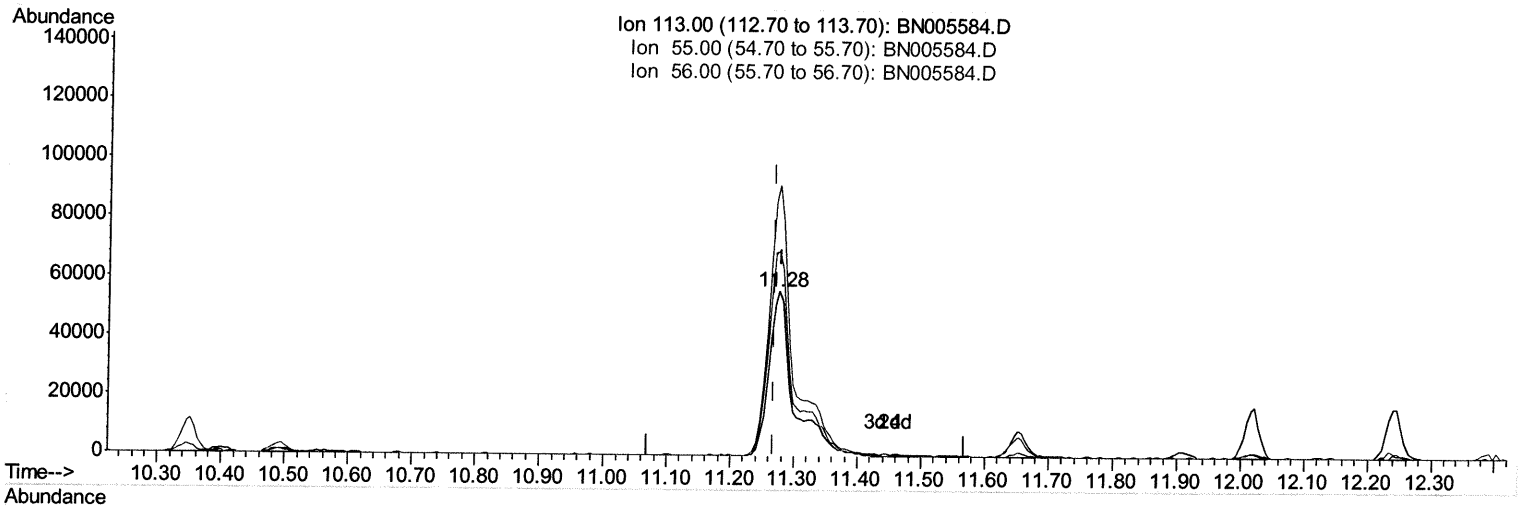
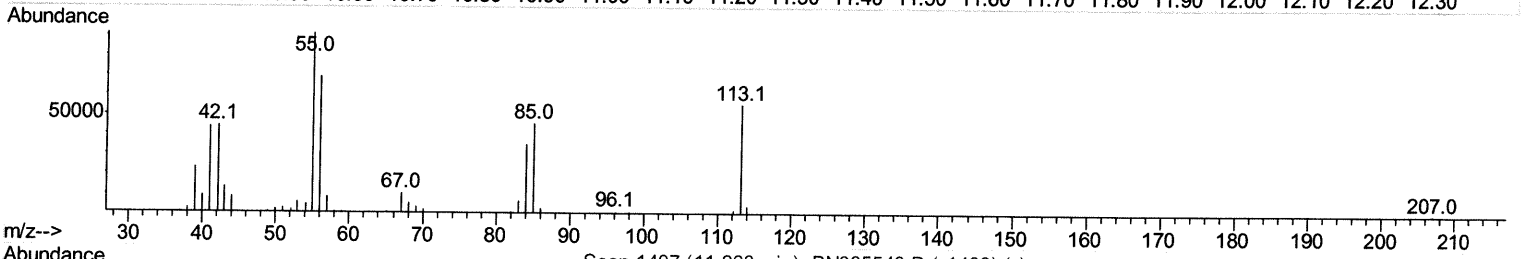
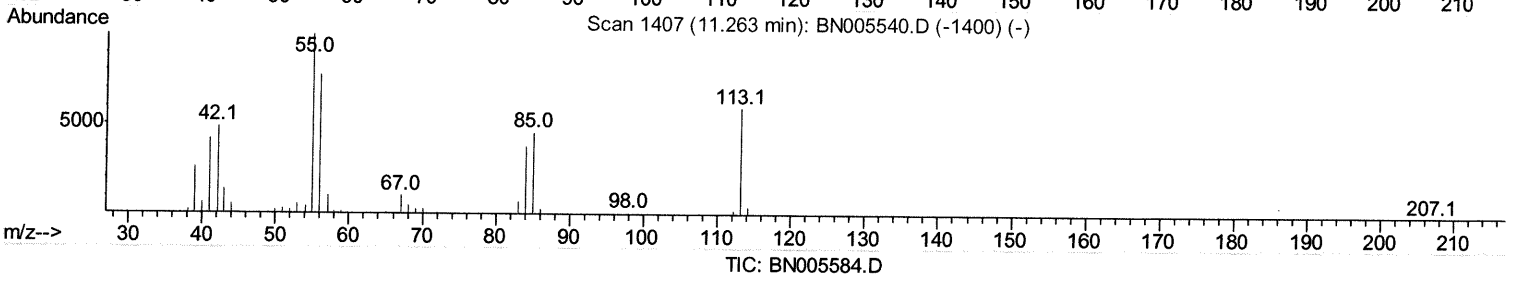




Scan 1407 (11.263 min): BN005540.D (-1400) (-)



TIC: BN005584.D

(32) Caprolactam

11.275min (+0.006) 21.54ng/ul m SJ 05/12/19

response 152552

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	164.45
56.00	148.90	124.72
0.00	0.00	0.00

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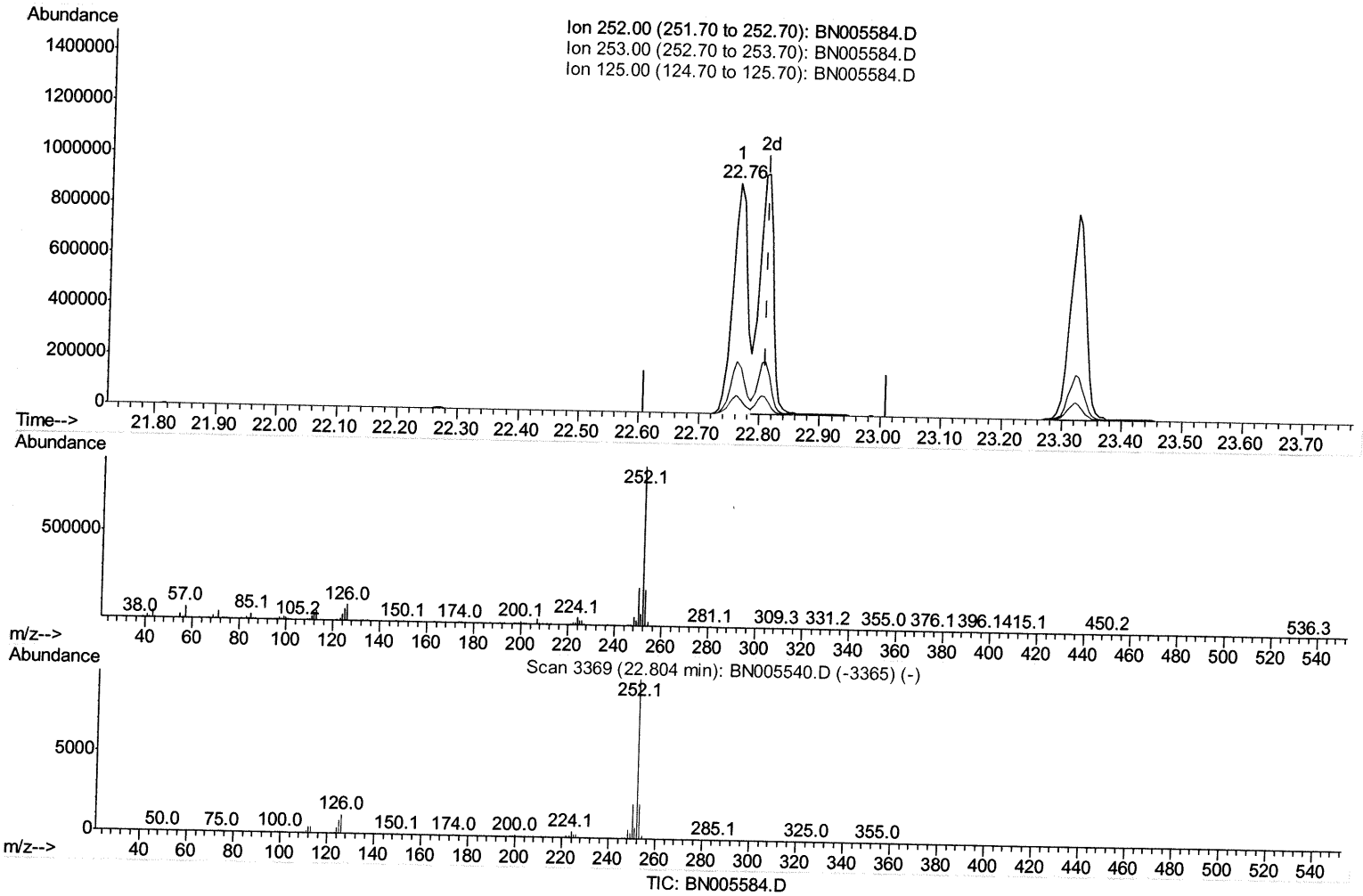
Sohil
5/10/2019 1:19:48 PM



TIC: BN005584.D

(88) Benzo(k)fluoranthene

22.763min (-0.047) 19.22ng/ul

response 1547317

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.85
125.00	9.40	7.86
0.00	0.00	0.00

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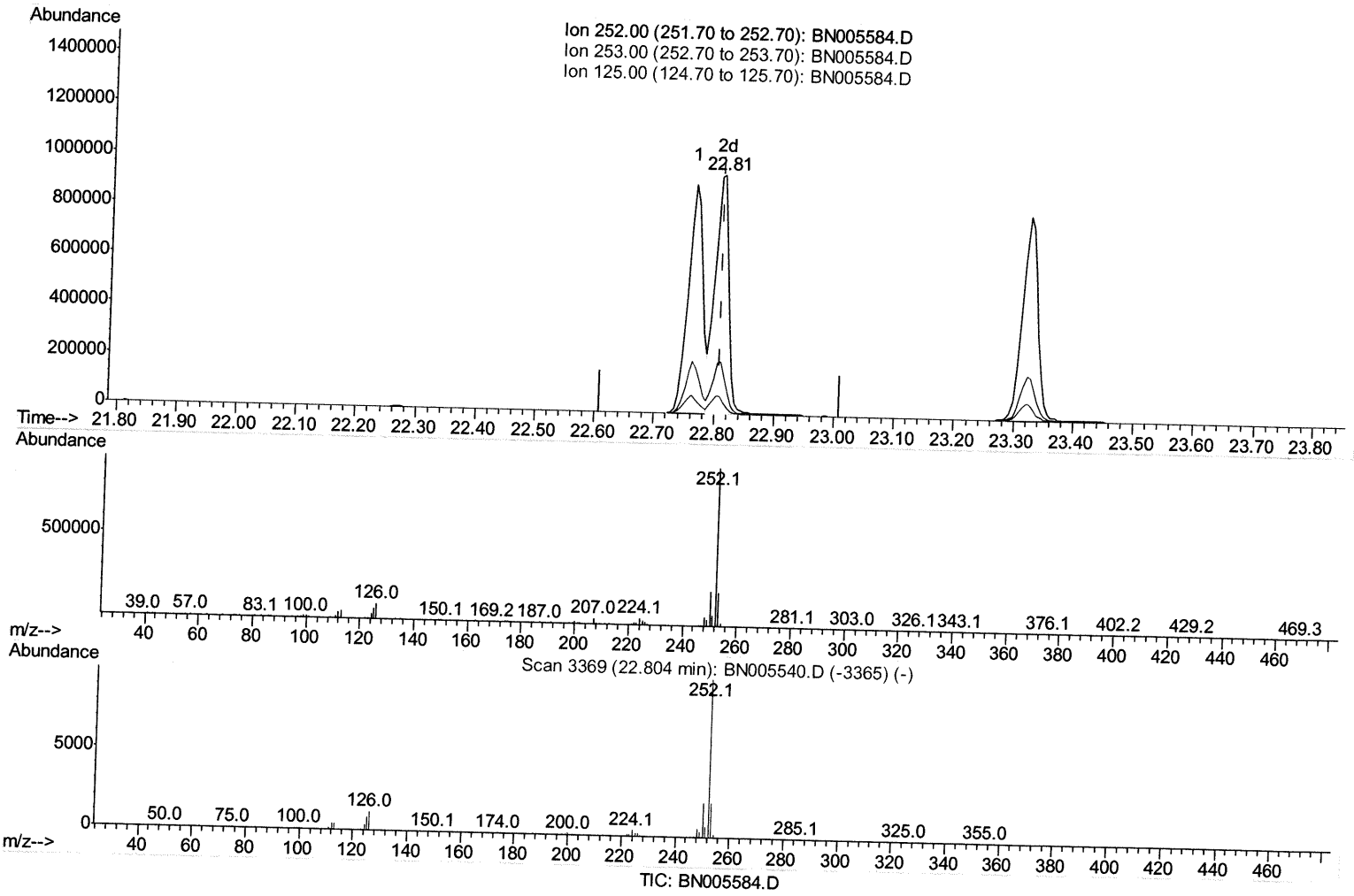
Sohil
5/10/2019 1:19:48 PM



TIC: BN005584.D

(88) Benzo(k)fluoranthene

22.810min (+0.000) 18.54ng/ul m SJ 05/12/19

response 1492391

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.61
125.00	9.40	7.16#
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
5/10/2019 1:19:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	383246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1658078	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1041367	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2339670	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1546995	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1499235	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	45016	5.67	ng/uL	0.00
5) Phenol-d5	6.78	99	530954	17.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	294379	15.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	434867	18.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	436243	18.54	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	224459	21.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	257875	24.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	488673	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	547820	22.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1408205	18.63	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1773508	19.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	217351	18.21	ng/ul	0.00
57) Fluorene-d10	15.23	176	1214095	19.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	150535	14.31	ng/ul	0.00
70) Anthracene-d10	17.08	188	1811041	18.46	ng/ul	0.00
78) Pyrene-d10	19.39	212	1735182	21.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1228904	18.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	49104	5.752	ng/uL	98
4) Benzaldehyde	6.75	77	356423	16.710	ng/ul	96
6) Phenol	6.80	94	535658	17.301	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.03	93	414708	16.728	ng/ul	91
10) 2-Chlorophenol	7.16	128	444387	18.660	ng/ul	94
11) 2-Methylphenol	8.03	108	421666	18.175	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	579149	13.914	ng/ul#	94
14) Acetophenone	8.40	105	707525	18.789	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.39	70	341622	16.960	ng/ul#	89
16) 4-Methylphenol	8.36	108	459357	18.334	ng/ul	99
17) Hexachloroethane	8.65	117	184886	17.878	ng/ul	90
20) Nitrobenzene	8.78	77	508337	18.100	ng/ul	91
21) Isophorone	9.29	82	977723	17.582	ng/ul	97
23) 2-Nitrophenol	9.48	139	260877	22.252	ng/ul	95
24) 2,4-Dimethylphenol	9.55	107	502414	17.115	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.78	93	584804	16.734	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	475908	20.334	ng/ul	97
28) Naphthalene	10.40	128	1490697	19.339	ng/ul	99
30) 4-Chloroaniline	10.52	127	553319	22.212	ng/ul	99
31) Hexachlorobutadiene	10.68	225	340144	20.580	ng/ul	98
32) Caprolactam	11.28	113	152552m	21.542	ng/ul	94
33) 4-Chloro-3-methylphenol	11.65	107	492722	18.696	ng/ul	94
34) 2-Methylnaphthalene	12.02	142	1090957	19.330	ng/ul	100

SJ 05/21/19

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Sohil
5/10/2019 1:19:48 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	644626	20.002 ng/ul	96
37) Hexachlorocyclopentadiene	12.37	237	161237	7.338 ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	399569	20.561 ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	424891	20.347 ng/ul	99
40) 1,1'-Biphenyl	13.05	154	1426263	18.382 ng/ul	98
41) 2-Chloronaphthalene	13.09	162	1127123	18.888 ng/ul	96
42) 2-Nitroaniline	13.30	65	322618	20.383 ng/ul	89
44) Dimethylphthalate	13.69	163	1382992	18.361 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	301076	23.149 ng/ul#	86
47) Acenaphthylene	13.95	152	1709494	18.735 ng/ul	99
48) 3-Nitroaniline	14.14	138	269609	22.298 ng/ul	90
49) Acenaphthene	14.29	153	1166731	18.730 ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	67107	10.592 ng/ul#	88
52) 4-Nitrophenol	14.46	109	177213	16.356 ng/ul	96
53) Dibenzofuran	14.63	168	1684958	18.787 ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	419369	22.367 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.86	232	367639	21.162 ng/ul#	91
56) Diethylphthalate	15.07	149	1388454	18.383 ng/ul	98
58) Fluorene	15.28	166	1334523	19.069 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.28	204	714774	19.254 ng/ul	96
60) 4-Nitroaniline	15.31	138	301962	20.032 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.39	198	153326	13.690 ng/ul	92
64) N-Nitrosodiphenylamine	15.50	169	1170966	18.286 ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	465111	19.733 ng/ul	97
66) Hexachlorobenzene	16.29	284	504717	20.109 ng/ul	93
67) Atrazine	16.46	200	427105	17.916 ng/ul	97
68) Pentachlorophenol	16.64	266	254869	17.343 ng/ul	98
69) Phenanthrene	17.02	178	2101420	18.442 ng/ul	99
71) Anthracene	17.12	178	2112941	18.203 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	654570	19.154 ng/uL	97
73) Pentachlorobenzene	14.55	250	601305	19.550 ng/uL	99
74) Carbazole	17.39	167	1820707	18.260 ng/ul	98
75) Di-n-butylphthalate	17.96	149	2352436	18.803 ng/ul	100
76) Fluoranthene	19.06	202	2230890	17.651 ng/ul#	95
79) Pyrene	19.42	202	2146885	21.554 ng/ul	96
80) Butylbenzylphthalate	20.35	149	924632	23.446 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.13	252	577746	18.692 ng/ul#	97
82) Benzo(a)anthracene	21.20	228	1723364	17.907 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	1324036	21.804 ng/ul#	97
84) Chrysene	21.25	228	1631998	18.272 ng/ul	98
86) Di-n-octyl phthalate	22.02	149	2000934	21.791 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	1547317	18.360 ng/ul#	97
88) Benzo(k)fluoranthene	22.81	252	1492391m	18.542 ng/ul	SJ 05/12/19
90) Benzo(a)pyrene	23.32	252	1464352	18.486 ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.61	276	1703451	19.450 ng/ul#	94
92) Dibenzo(a,h)anthracene	25.62	278	1446881	19.466 ng/ul#	96
93) Benzo(g,h,i)perylene	26.28	276	1411961	19.497 ng/ul#	94

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