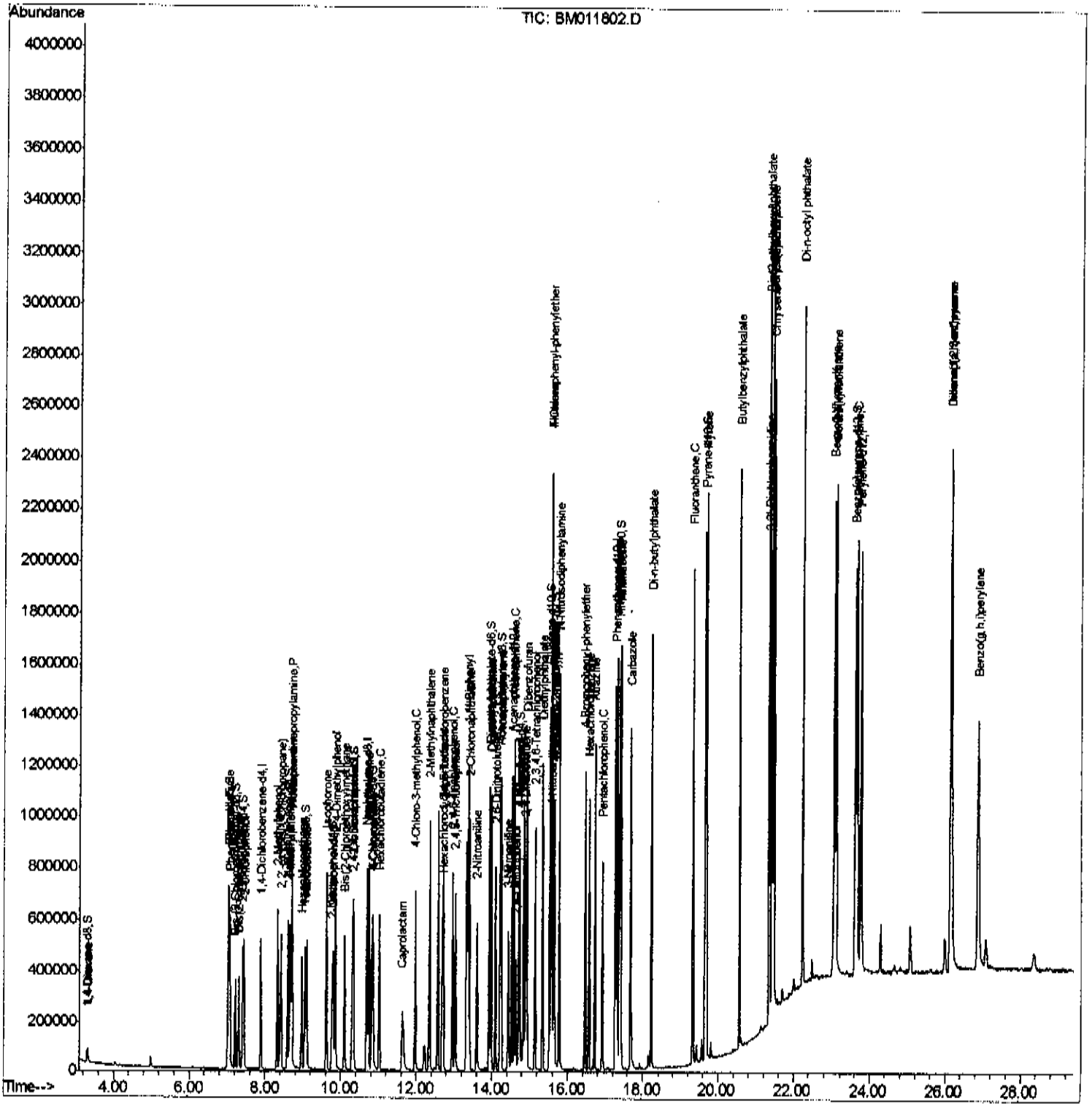
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM100117\
Data File : BM011802.D
Acq On : 01 Oct 2017 11:07
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 02:19:21 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 02 02:04:36 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02051

Manual Integrations APPROVED
Sohil
10/2/2017 5:51:06 PM



Quantitation Report (Qedit)

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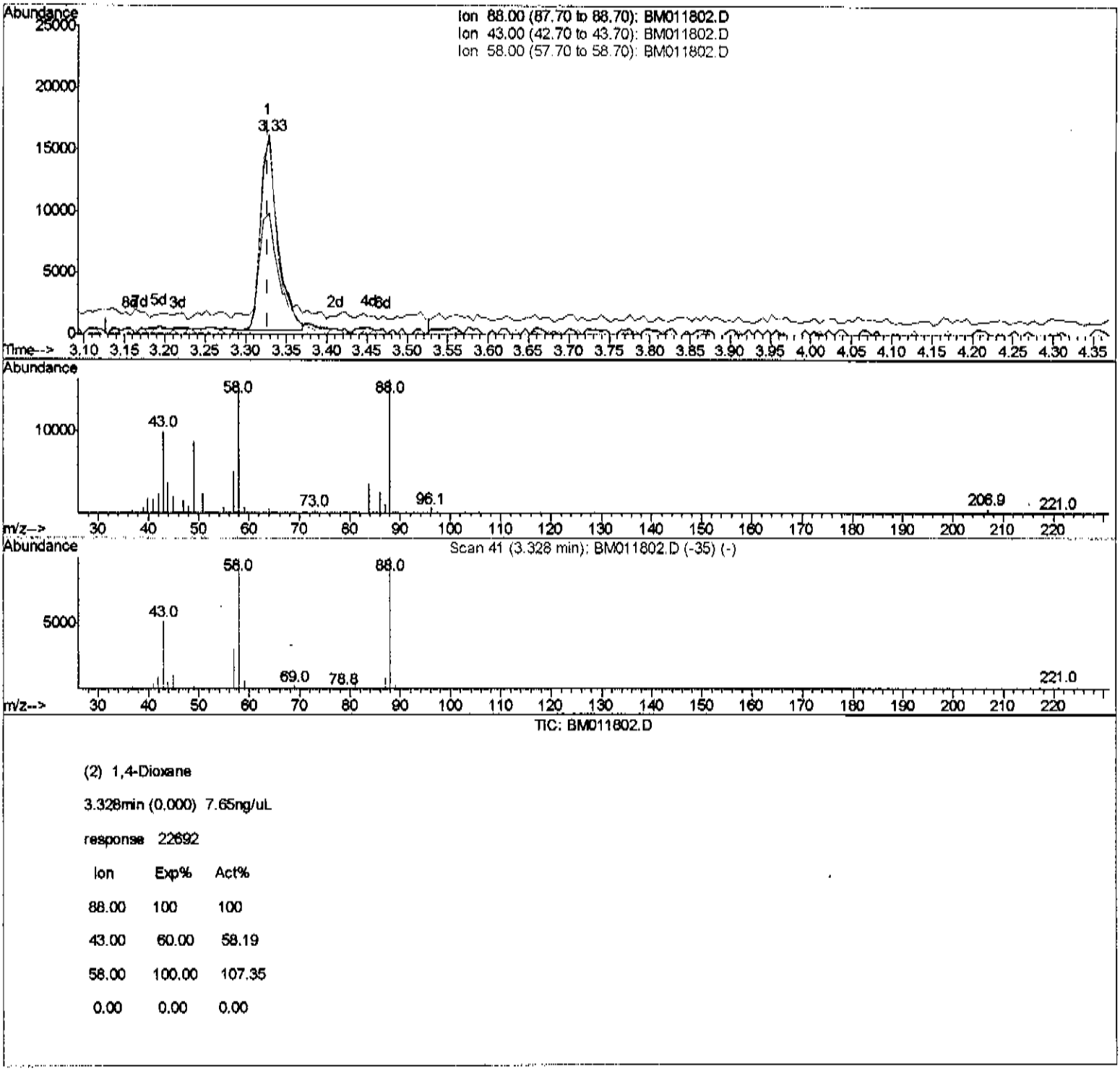
Manual Integrations APPROVED
Sohil
10/2/2017 5:51:06 PM



(2) 1,4-Dioxane

3.328min (0.000) 7.65ng/uL

response 22692

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	58.19
58.00	100.00	107.35
0.00	0.00	0.00

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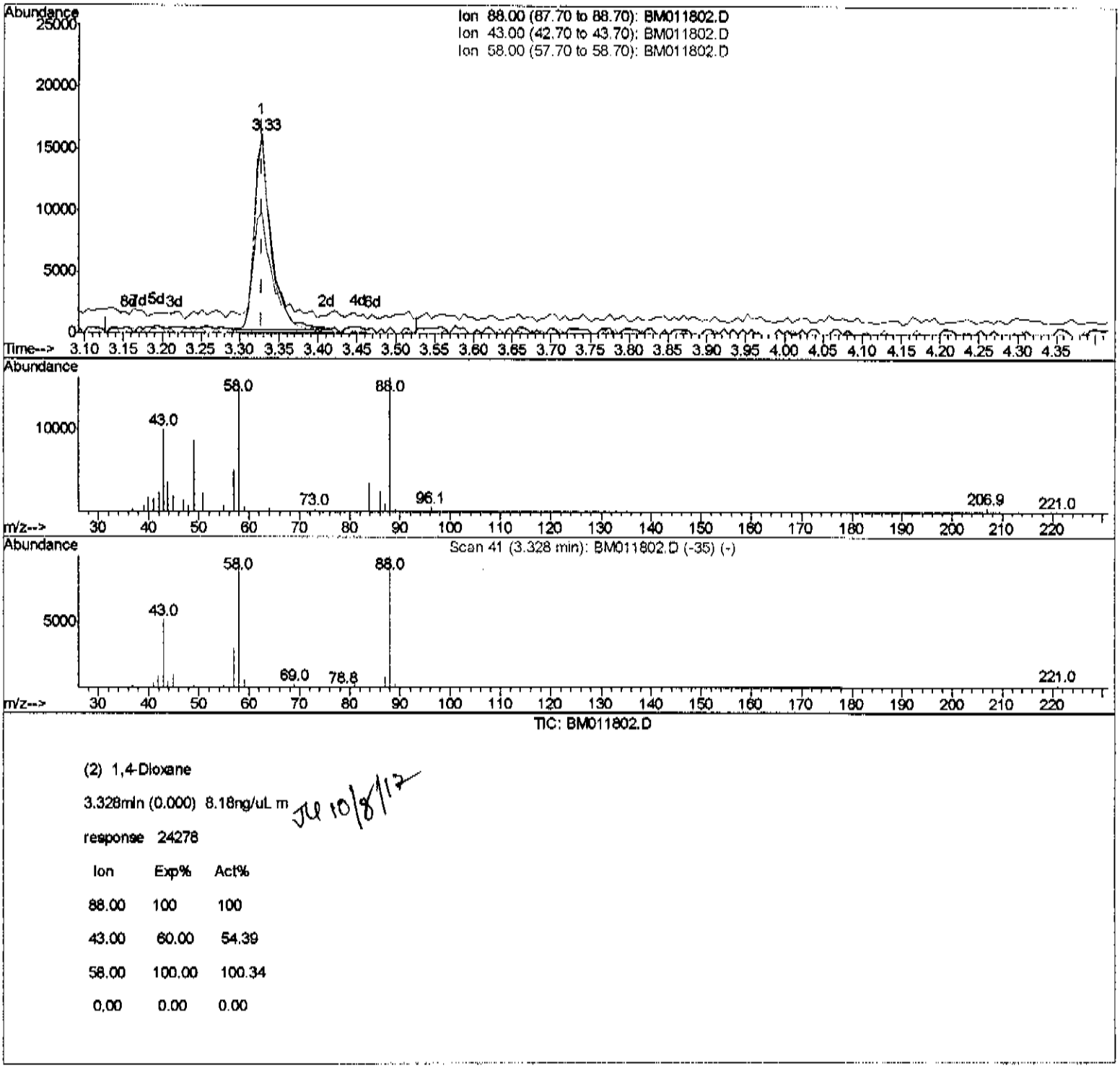
Manual Integrations APPROVED
Sohil
10/2/2017 5:51:06 PM



TIC: BM011802.D

(2) 1,4-Dioxane

3.328min (0.000) 8.18ng/uL m JU 10/8/17

response 24278

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	54.39
58.00	100.00	100.34
0.00	0.00	0.00

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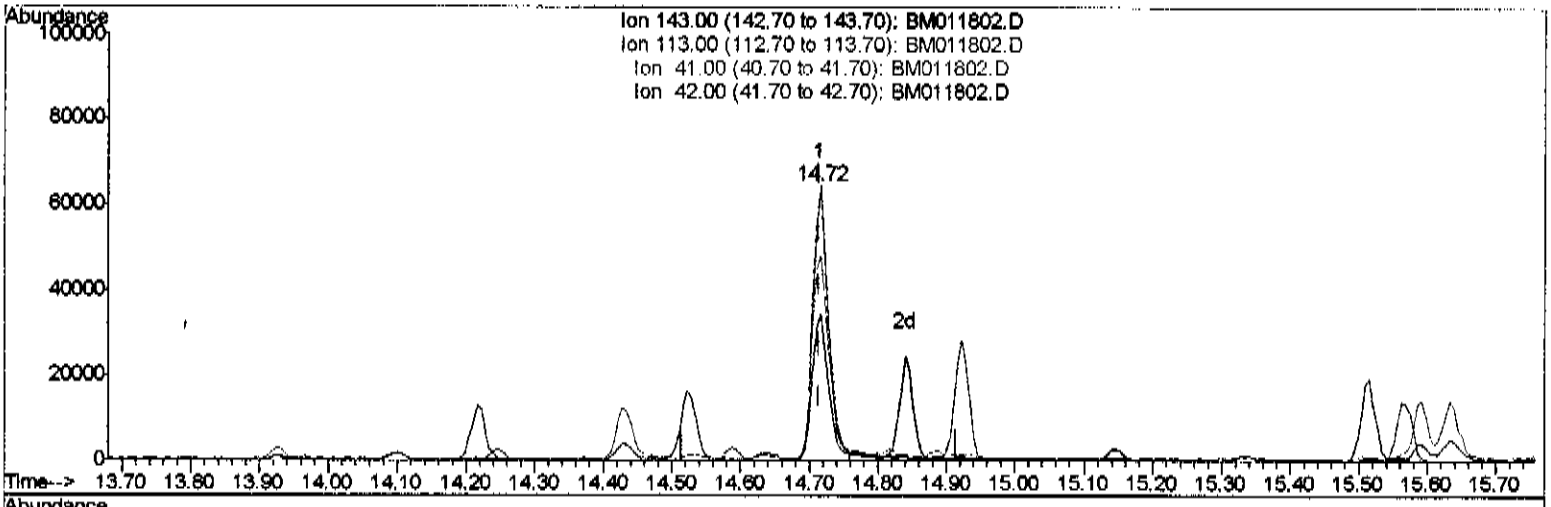
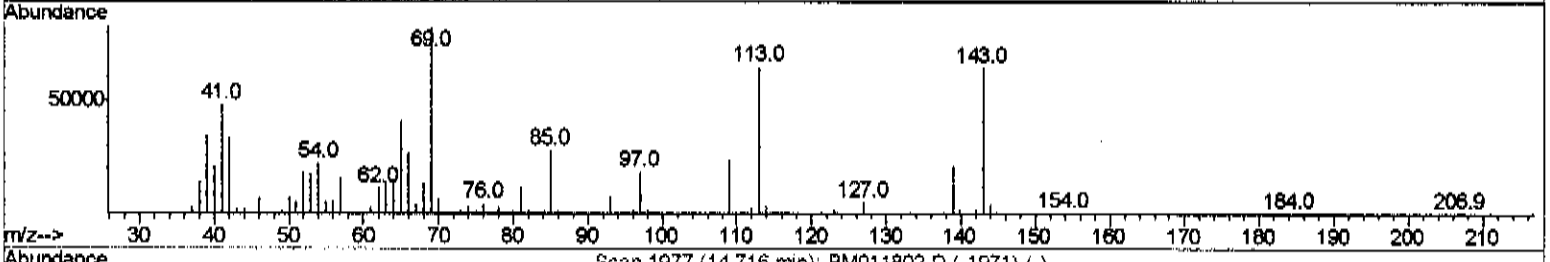
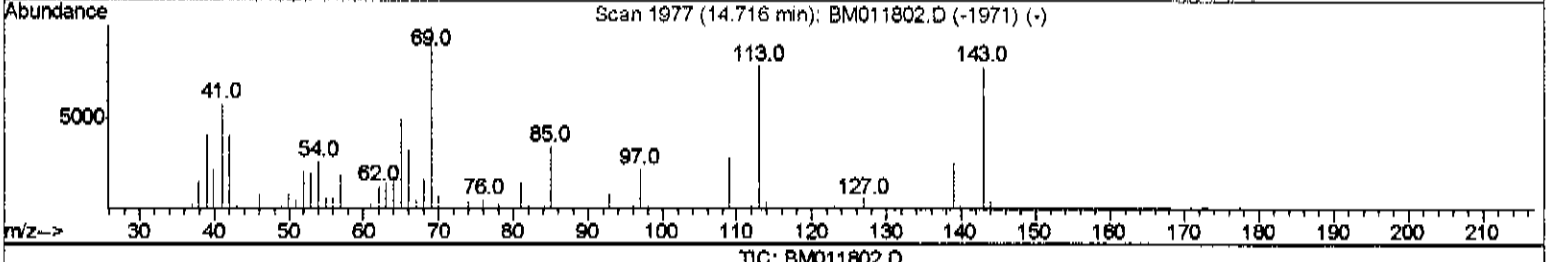
Manual Integrations APPROVED
Sohil
10/2/2017 5:51:06 PM







TIC: BM011802.D

(51) 4-Nitrophenol-d4 (S)

14.716min (0.000) 19.55ng/ul

response 101496

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	100.48
41.00	34.80	74.69#
42.00	20.50	53.33#

Quantitation Report (Qedit)

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Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 02 02:04:36 2017
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Instrument :
BNA_M
LabSampleId :
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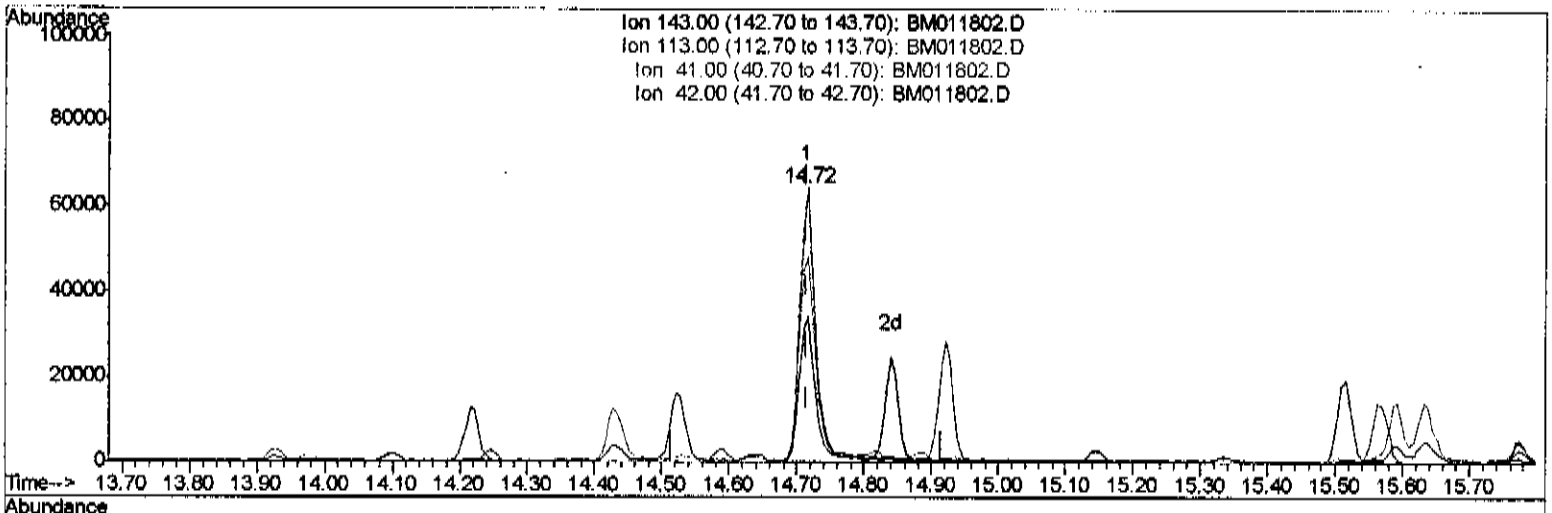
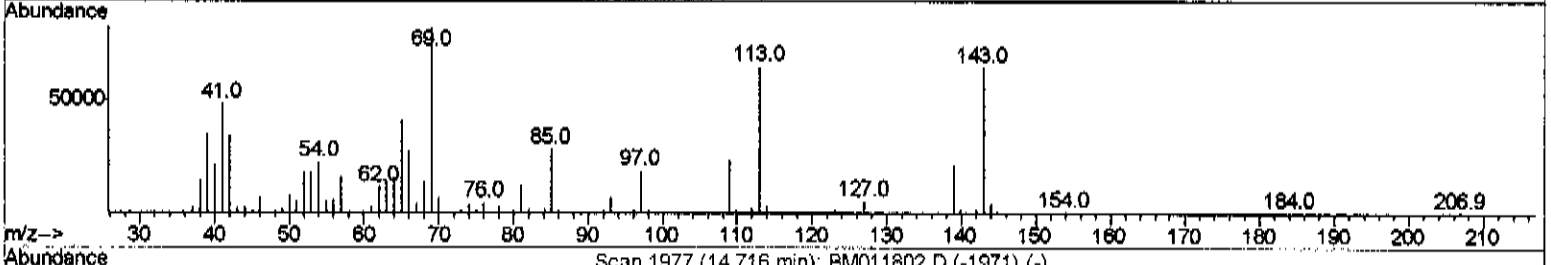
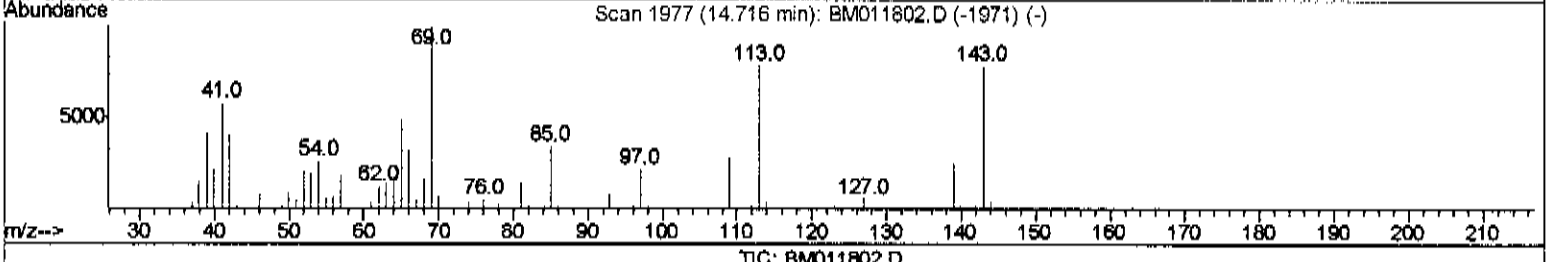
Manual Integrations APPROVED
Sohil
10/2/2017 5:51:06 PM







TIC: BM011802.D

(51) 4-Nitrophenol-d4 (S)

14.716min (0.000) 20.32ng/ul m JU 10/8/17

response 105472

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	100.48
41.00	34.80	74.69#
42.00	20.50	53.33#

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 02:19:21 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 02 02:04:36 2017
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Instrument : BNA_M
LabSampleId : SSTD02051

Manual Integrations APPROVED
Sohil
10/2/2017 5:51:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	118860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	569112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	354172	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	867751	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1139770	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1195740	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	20085	7.53	ng/uL	0.00
5) Phenol-d5	7.04	99	222490	19.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	166059	19.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	173057	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	182381	19.92	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	86322	19.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	95786	20.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	179913	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	233045	23.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	608933	20.05	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	708629	19.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	105472m	20.32	ng/ul	0.00
57) Fluorene-d10	15.52	176	513128	19.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	104607	17.80	ng/ul	0.00
70) Anthracene-d10	17.36	188	834428	18.90	ng/ul	0.00
76) Pyrene-d10	19.65	212	1015659	18.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	1090013	19.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	24278m	8.182	ng/uL	
4) Benzaldehyde	7.02	77	137332	23.955	ng/ul	97
6) Phenol	7.06	94	225120	19.040	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.30	93	179075	19.700	ng/ul#	80
10) 2-Chlorophenol	7.45	128	168736	19.883	ng/ul#	79
11) 2-Methylphenol	8.32	108	168712	19.431	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.42	45	409251	21.020	ng/ul#	97
14) Acetophenone	8.71	105	297016	20.186	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.69	70	177233	21.341	ng/ul	98
16) 4-Methylphenol	8.65	108	188644	19.765	ng/ul	91
17) Hexachloroethane	8.96	117	75757	20.244	ng/ul#	68
20) Nitrobenzene	9.09	77	243600	19.937	ng/ul	95
21) Isophorone	9.61	82	465427	20.307	ng/ul#	96
23) 2-Nitrophenol	9.80	139	98692	20.020	ng/ul#	84
24) 2,4-Dimethylphenol	9.85	107	226584	20.190	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.09	93	256543	19.332	ng/ul	95
27) 2,4-Dichlorophenol	10.33	162	172747	20.100	ng/ul#	90
28) Naphthalene	10.74	128	572607	19.250	ng/ul	99
30) 4-Chloroaniline	10.85	127	225841	23.373	ng/ul	95
31) Hexachlorobutadiene	11.02	225	119386	19.733	ng/ul	96
32) Caprolactam	11.63	113	59249	21.278	ng/ul	95
33) 4-Chloro-3-methylphenol	11.96	107	207888	21.366	ng/ul	96
34) 2-Methylnaphthalene	12.35	142	416961	19.774	ng/ul	97

SJ 10/4/17

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Manual Integrations APPROVED
Sohil
10/2/2017 5:51:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	224340	18.738	ng/ul#	98
37) Hexachlorocyclopentadiene	12.69	237	128861	16.746	ng/ul	98
38) 2,4,6-Trichlorophenol	12.96	196	151018	19.642	ng/ul	96
39) 2,4,5-Trichlorophenol	13.03	196	154684	19.434	ng/ul	96
40) 1,1'-Biphenyl	13.36	154	547216	18.760	ng/ul#	98
41) 2-Chloronaphthalene	13.40	162	426298	19.072	ng/ul	95
42) 2-Nitroaniline	13.60	65	177948	21.649	ng/ul#	79
44) Dimethylphthalate	13.97	163	577731	19.885	ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	107362	20.067	ng/ul#	81
47) Acenaphthylene	14.25	152	708486	19.226	ng/ul	99
48) 3-Nitroaniline	14.43	138	105044	19.199	ng/ul#	97
49) Acenaphthene	14.59	153	476555	18.989	ng/ul	98
50) 2,4-Dinitrophenol	14.64	184	63698	18.137	ng/ul#	63
52) 4-Nitrophenol	14.73	109	107099	21.089	ng/ul	94
53) Dibenzofuran	14.92	168	670033	19.439	ng/ul	91
54) 2,4-Dinitrotoluene	14.89	165	158641	20.780	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.14	232	152542	20.776	ng/ul#	81
56) Diethylphthalate	15.33	149	622182	20.366	ng/ul#	90
58) Fluorene	15.57	166	572997	19.632	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.56	204	286668	19.533	ng/ul	90
60) 4-Nitroaniline	15.59	138	115694	19.270	ng/ul#	85
63) 4,6-Dinitro-2-methylphenol	15.65	198	107102	17.944	ng/ul	99
64) N-Nitrosodiphenylamine	15.77	169	465765	18.158	ng/ul	97
65) 4-Bromophenyl-phenylether	16.46	248	176362	18.478	ng/ul	94
66) Hexachlorobenzene	16.57	284	199020	18.766	ng/ul#	89
67) Atrazine	16.72	200	185141	18.617	ng/ul	98
68) Pentachlorophenol	16.92	266	123606	17.705	ng/ul	96
69) Phenanthrene	17.31	178	912633	18.791	ng/ul	98
71) Anthracene	17.40	178	949952	18.984	ng/ul	98
72) Carbazole	17.67	167	789635	18.013	ng/ul	98
73) Di-n-butylphthalate	18.22	149	1108788	19.639	ng/ul	99
74) Fluoranthene	19.32	202	1149616	19.387	ng/ul#	89
77) Pyrene	19.68	202	1255772	18.489	ng/ul#	89
78) Butylbenzylphthalate	20.56	149	560743	19.752	ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.35	252	399754	18.446	ng/ul#	96
80) Benzo(a)anthracene	21.42	228	1283857	20.134	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.33	149	843380	19.902	ng/ul#	93
82) Chrysene	21.47	228	1185828	19.717	ng/ul	99
84) Di-n-octyl phthalate	22.23	149	1532026	16.577	ng/ul#	84
85) Benzo(b)fluoranthene	23.06	252	1315495	18.646	ng/ul#	98
86) Benzo(k)fluoranthene	23.10	252	1322783	18.379	ng/ul#	98
88) Benzo(a)pyrene	23.66	252	1291327	18.951	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.15	276	1517454	21.389	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.16	278	1271220	21.394	ng/ul#	95
91) Benzo(g,h,i)perylene	26.88	276	1268926	21.548	ng/ul#	94

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